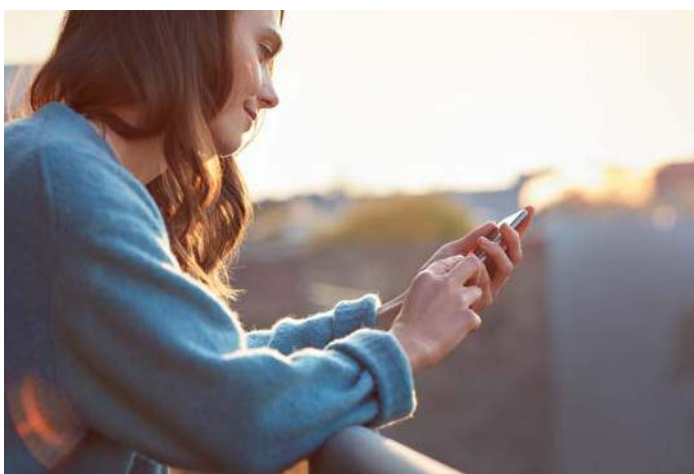


**Switch
programmes
and building
control
Catalogue
2019/2020**

**Your reliable
partner for
intelligent
solutions.**

We are going digital. Come with us!



coviva-Smartbox
communicative and secure –
the coviva-Smartbox is the
communication link
between the app and the
end devices.

**Everyone is talking
about digitisation.
We use it systemati-
cally to simplify
your life.**



Daniel Hager
Chairman of the Executive Board of the Hager Group

Dear friends and partners,

There is almost nothing that will remain unaffected by digitisation in the near future. For us that means: networked products, transparent processes and even more open exchange of experience with our customers and partners. Regardless of the developments that take place – we at Hager will be at your side with commitment and dedication.

The Internet of Things (IoT) is moving inexorably into private households. Intelligent objects from well-known manufacturers are bringing real benefits into your own four walls. Controlled by an app, they are replacing the functions of classical electrical installations one step at a time. Straightaway a risk that we need to confront with our new IoT Controller. By linking intelligent objects to the KNX-controlled house, we create real added value for the electrical trade, which will be part of this future trend, but also for builders, who gain a secure future with KNX and can control all building functions with only one app – the IoT app from Hager.

In turn, we help end customers who renovate with our smart home solution coviva enjoy a definite increase in convenience, since coviva does not require modifying the structure of the building thanks to wireless technology.

In functional buildings, the agardio.manager makes consumption transparent. It is based on plug-and-play installation and quickly provides comprehensive energy monitoring with a conventional browser. And these examples can be continued without end.

Cooperation with you – our partners in the trades and wholesaling – will also change. With apps and software, we will help you plan better and order more conveniently. We will shorten noticeably the path from customer request to perfect solution offering that required many twists and turns in the analogue world.

In other words: We at Hager will support you in the digital world and help you be successful in it. At the same time, you can continue to rely on the quality of the electrotechnical products and solutions that you have come to trust over more than 60 years. We are excited about our common and heady digital future that is just beginning.

We look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Daniel Hager', with a horizontal line extending to the right.

Daniel Hager

Under one roof

Members of Hager Group

:hager

B.
Berker

ELCOM.

DAITEM


diagral

EFEN 

B. BOCCHIOTTI

One family

The world is changing, and we are changing with it. As a family company, we have grown steadily over the last sixty years to become a reliable partner to expert technicians and electrical wholesalers around the world. All while remaining true to ourselves and to our values. And so we continue today, with a number of well-known brands – each with their own distinctive strengths – working together under the Hager Group umbrella.



Hager Forum in Obernai, France, is a place where we can work with customers and partners to shape the future. That makes it a perfect symbol of the innovative power of Hager Group.

hagergroup

Your trust

As a partner and customer, you can choose from the entire range of products and services offered by every member of our brand family. Our new corporate image highlights our shared strengths even more clearly. From now on, each of our brands will be easily recognisable as a 'Member of Hager Group'. The new corporate image also involves some colour and design changes. Our core promise remains the same: we will always work with you to succeed together.

Our strengths

We have huge opportunities ahead. The upcoming modernisation of existing buildings, intelligent building technology, digital services, new energy sources and technologies – all of this opens up new, exciting potential for you and for us. At the same time, business requirements are becoming more and more complex. That's why it's so important for you to have Hager Group specialists supporting you with all of their expertise. Together, we are stronger. Together, we will overcome the complex challenges of our time with simple, impressive solutions – just as we have been doing for the last six decades.

E3

Global warming, a shortage of natural resources, social cohesion and the transition to renewable energy: there are many challenges facing businesses and society today. Hager Group is pursuing a variety of initiatives to promote sustainable development with its “E3” approach.

Environ

E for Environment

We work continuously to reduce our carbon footprint. Our priorities include optimising the transport of our products and cutting the amount of energy we use in production to further reduce our Carbon footprint.



Ethics

E for Ethics

We need skilled, motivated and healthy employees in order to offer our customers the best services and products. That's why we provide all our team members with a safe, healthy working environment, support their professional growth and offer them opportunities for further development. We also promote diversity and adherence to an Ethics Code throughout the company.

ment

Energy

E for Energy

Hager Group helps its customers to save energy intelligently. We also analyse and optimise our products' environmental performance throughout development and production. By providing a detailed environmental profile for most of our products, we can be fully transparent with our customers and ourselves.

Technology as a friend



Hager Design turns technical products into familiar friends.

Before we start designing a new product, we think about the people it is going to serve. Will it assist or entertain, observe or protect, save time or save energy? Ideally, whatever it does, users will feel it is a reliable 'friend'. We need to know how to connect with people on an emotional level, to ensure that in return they feel connected to our products.

Technology for people

Responsible design builds on an ethical foundation. At Hager, this foundation is all about respecting people and caring about their well-being. And it's not just about today – we want to inspire our customers for years to come. That's why we include them in every stage of the design process – from installer to planner, to end user.

An honest brand

Hager products are world-renowned for their quality, which is visibly and tangibly unveiled in their design. The unmistakable, explicit and clear brand image tells customers straight away that these products are part of 'the family'. This is our signature, the Hager DNA, which embodies two central principles.

Friendly, serene, balanced: an honest, authentic design that blends naturally into everyday life, without gadgets or cheap effects.



Erwin van Handenhoven
Hager Group Design Director

Ingeniously simple: our products are important, but never over-the-top. If it's not necessary, we leave it out. The essence remains. Straightforward in both form and function: simple to install, simple to use. Simply Hager!

Looking ahead to the future

Hager systems are not stagnant – they are expanding, gaining more and more visibility in our customer's homes. This has implications for our present design language. We call it 'New Start'. The aim of New Start is to meet our customers where they are, and carry them with us into the future: with innovative ideas, new designs and expressive materials. The new Hager catalogue is full of 'New Starters' – along with lots of 'old friends'. Come and explore!

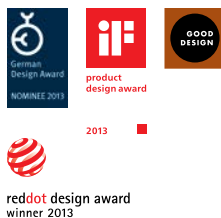
Berker stands for exceptional design.



Berker R.1



Berker R.3



Berker R.8



Berker K.1



Berker K.5



DESIGN **PLUS**



Berker Q.1



DESIGN **PLUS**



Berker B.IQ



Berker
KNX room controller



Berker
touch control



Berker's switches and systems make the difference. This is confirmed not just by our many customers, but also by the expert judging panels of a number of national and international prizes who honour Berker time and again.



Berker R.classic series



**Berker 1930 series
Porcelain / Rosenthal**



DESIGN PLUS



Berker B.3



Berker Q.7



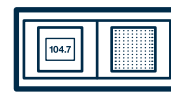
Berker S.1



Berker W.1



DESIGN PLUS
powered by: light+building



**Berker
Radio Touch**



**Berker
R.1 / R.3
touch
sensor**



2013 ■



Berker TS sensor



Berker TS



Touch sensors



Little details that make a big difference

Why Berker socket outlets are simply good

It's often the small details that make a big difference. Berker's sockets are a perfect example of this: we have been producing them for over 90 years, and specialist craftspeople use them every day. And there are always product details which can be improved - and, when taken together, can make a major difference.

- Compact housing with sturdy, closed base
- Rugged supporting ring without sharp edges
- New supporting ring contour for easy alignment and screwing in
- Easy-to-connect conductor
- Open claw geometry prevents damage to the conductors during assembly
- No parasitic voltage thanks to electrical isolation
- Flexolift claw vanishes completely into the base
- Release or screwing-in in just 4 to 5 rotations

We have even optimised the packaging, and thus handling on the building site: in a 10-pack, the centre plates are separated from the inserts and can be mounted according to your normal installation methods. In addition, the centre plates are well-protected by film - a sensible detail to save time and money.

- **High-quality supporting ring** _____ sturdy, with no sharp edges, and additional screwing options for easy installation on soft surfaces
- **Optimal supporting ring contours** _____ marked for precise alignment at the place of installation
- **Test marks on the base** _____ for visibility in every mounting state
- **Easy-to-operate release buttons** _____ for rapid release of conductors during disassembly
- **Cross-head claw screws** _____ with optimised thread for 3x faster installation/disassembly
- **Labelling field on the supporting ring** _____ for clear labelling of the electric circuit
- **Cross-head screw in centre plate** _____ for perfect grip of tool during installation
- **Marking on base** _____ for precise stripping of conductors
- **Sturdy, enclosed base** _____ for safe, secure installation, installation depth 31.2 mm
- **Galvanic separation of the supporting ring** _____ for safe working with no parasitic voltage
- **Open claw geometry** _____ prevents damage to conductors during installation
- **Claws are accommodated in base** _____ when fully retracted, for easy insertion/positioning in the switch box and reduced risk of injury
- **Optimised terminal design** _____ for easier insertion of conductors
- **Screw-in lift terminals¹** _____ for rapid connection and secure positioning

¹ Only in socket outlets with screw-in lift terminals

Admittedly, we're still a bit proud. In the Modul system, we found a principle which has not lost any of its attraction. Using the Modul system, switches can still be replaced easily, even after years have passed, and, for example, be adapted to a new room design, without any need to replace the switch insert. For your customers, this means less building mess, more flexibility in room planning and increased general satisfaction with their electrical equipment. Our Modul system can also offer you many advantages, such as less storage and lower mounting costs. As well savings in terms of time and money. In addition, we have designed the switches and inserts to be completely uncomplicated in mounting and handling.

Flat appearance of the mounted switch and pleasant feel during operation through the very small switching angle of 3.5°

High level of operating comfort through precise rocker guidance

Flexolift claws ensure a tight fit and forced return when released

Cable protection around the claw screws prevents conductor damage

Laser engraving of the circuit diagram, circuit symbols, article number and conductor insulation length on the rear side of each switch

Easy-to-operate lever release catches to free the conductors

Installation of neon lamp units at a later date possible without dismantling

- **High-quality supporting ring** —————
sturdy, with no sharp edges, and additional screwing options for easy installation on soft surfaces
- **Optimal supporting ring design** —————
marked for precise alignment at place of installation
- **3.5° Switching angle** —————
for a flat profile and easy switching
- **Modular design** —————
with accomodation of all rocker types
- **Large clearance around the claw screw** —————
with combination cross-head screws for easy installation
- **Variable 4-pin mount** —————
for precise seating of rockers
- **Clip-in neon/glow lamp unit** —————
for exact positioning on the supporting ring, can be used as control or orientation light
- **Moulded lever release catches** —————
for easy release of conductors
- **Labelling on reverse of switch** —————
circuit diagram/graphical symbol, conductor stripping-guide, high contrast for good legibility
- **Article number** —————
> on front side
- **Voltage test from front side** —————
for a voltage test in installed state
- **Cable protection** —————
to prevent damage to the conductors by the claw screws
- **Flexolift claws®** —————
flush-fitting positioning of claws and automatic reset upon release
- **Minimal installation depth** (special designs) —————
for plenty of space for installation of an insert or hollow-wall mounting

This catalogue contains our solution offerings for switch ranges, electromechanical and electrotechnical installation applications as well as for building control systems. On the one hand, you can find the Berker brand switch ranges and KNX sensors.

In addition, the catalogue contains the Hager brand solutions in the area of KNX system units, Domovea, KNX actuators, KNX flush-mounted and surface-mounted devices, modular devices for light technology, smoke alarms as well as motion and presence detectors.

In this way, you have a comprehensive overview of our switch ranges and building control systems.

A.1 Building automation and switch ranges Page











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04	HVAC control	98
05	Communication and multimedia technology	112
06	Berker S.1 B.3 B.7 Inserts	150
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A.2 Switch ranges Page

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A.3 KNX Building management system Page

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<p>08 Berker Q.1 Q.3 Q.7 Q.9 Inserts</p>		230
<p>09 Berker Q.1 Q.3 Q.7 Q.9 Frames</p>		278
<p>10 Berker K.1 K.5 inserts</p>		312

Light control

Our products and solutions for light control are perfectly coordinated with each other: you can easily modernise add to or replace elements from your setup at any time. This means that all rockers, covers and electronic application modules in our range are suitable for the flush-mounted inserts. What's more, our switches, dimmers and time switches can be combined with all the switch ranges. Brilliant design in conjunction with reliable and intelligent functionality.



01

Page

Switch/push-button	20
Electronics platform	36
Dimmers	44
Timers	49
Pilot lamps	53
Supplementary products	60
Hotel applications	63
Accessible construction	66
Push-buttons 42 V	69

Switch/push-button

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

Rocker switches

- spreader claws, insulated to the supporting ring, self-resetting
- connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²
- switching angle 3.5°

New

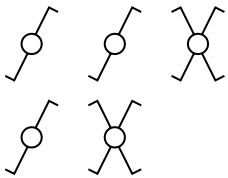


Change-over/intermediate switch

Rated voltage 250 V~ – with plug-in terminals
 Switching current 10 AX – for illumination and monitoring circuit

▶ 870

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	61
Glow lamp unit with N-terminal	1676 ..	61
LED unit 230 V, for switches/push-buttons	1686 ..	20
LED unit for switches/push-buttons	1687	62



Design	Order no.	PU
Change-over switch	3036	10
Change-over switch for installation in hollow walls ¹⁾	3036 50	10
Intermediate switch	3037	10
Change-over switch 16 AX	★ 3036 16	10
Intermediate switch 16 AX	★ 3037 16	10

¹⁾ low installation depth, without spreader claws



Control change-over switch (2 items)

A control change-over switch is shown here as an example. With 2-pole and 3-pole control on/off switches, other rocker switches and neon lamp units are required.

▶ 870

Design Order no. PU

Individual article required

Change-over switch	3036	10
LED unit 230 V, for switches/push-buttons, white	1686	10



Rocker push-buttons

- spreader claws, insulated to the supporting ring, self-resetting
- connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²
- switching angle 3.5°

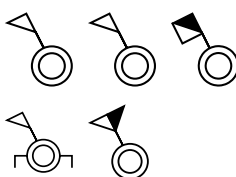


Push-button

Rated voltage 250 V~ – with plug-in terminals
 Momentary-contact current 10 A – for illumination and monitoring circuit

▶ 872

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	61
Glow lamp unit with N-terminal	1676 ..	61
LED unit 230 V, for switches/push-buttons	1686 ..	20
LED unit for switches/push-buttons	1687	62



Design	Order no.	PU
Push-button, NO contact	5031	10
Push-button, NO contact for installation in hollow walls ¹⁾	5031 50	10
Push-button, change-over	5036	10
Push-button, NO contact, 2 separate signal contacts	5031 01	10
Push-button, NC contact + NO contact, isolated input terminals	5032 03	10

¹⁾ low installation depth, without spreader claws

Rockers for switches/push-buttons

Rocker

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1620 89 82	10
polar white glossy	1620 89 89	10
polar white matt	1620 19 09	10
anthracite matt	1620 16 06	10
aluminium matt, lacquered	1620 14 04	10
polar white matt, screw-on ¹⁾	1570 19 09	10
anthracite matt, screw-on ¹⁾	1570 16 06	10
aluminium matt, lacquered, screw-on ¹⁾	1570 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	1620 60 82	10
polar white velvety	1620 60 89	10
anthracite velvety, lacquered	1620 60 86	10
aluminium velvety lacquered	1620 60 84	10
Berker K.1 K.5		
polar white glossy	1405 70 09	10
anthracite matt, lacquered	1405 70 06	10
alu, aluminium anodised	1405 70 03	10
stainless steel, metal matt finish	1405 70 04	10
Berker arsys		
white glossy	1405 00 02	10
polar white glossy	1405 00 69	10
brown glossy	1405 00 01	10
light bronze matt, aluminium lacquered	1404 00 01	10
stainless steel, metal matt finish	1404 00 04	10
gold matt, aluminium anodised	1404 00 02	10
stainless steel, metal matt finish, screw-on ¹⁾	1404 00 10	10
Berker R.1 R.3 R.8		
polar white glossy	1620 20 89	10
black glossy	1620 20 45	10

¹⁾ with cover plug for screw fitting

Rocker with fixing element

Design	Order no.	PU
Berker S.1		
white glossy	1629 89 82	10
polar white glossy	1629 89 89	10
polar white matt	1629 19 09	10
anthracite matt	1629 16 06	10
aluminium matt, lacquered	1629 14 04	10

– with IP44 fixing piece to screw on

Suitable for Sealings IP44	Order no.	Page page 192
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Rocker with imprint symbol



Design	Order no.	PU
Berker Q.1 Q.3 Q.7 Q.9		
white velvety, with imprinted symbol for light	1620 60 42	10
white velvety, with imprinted symbol for bell	1620 60 52	10
white velvety, with imprinted symbol for door opener	1620 60 62	10
polar white velvety, with imprinted symbol for light	1620 60 49	10
polar white velvety, with imprinted symbol for bell	1620 60 59	10
polar white velvety, with imprinted symbol for door opener	1620 60 69	10
anthracite velvety, lacquered, with imprinted symbol for light	1620 60 46	10
anthracite velvety, lacquered, with imprinted symbol for bell	1620 60 56	10
anthracite velvety, lacquered, with imprinted symbol for door opener	1620 60 66	10
aluminium velvety lacquered, with imprinted symbol for light	1620 60 44	10
aluminium velvety lacquered, with imprinted symbol for bell	1620 60 54	10
aluminium velvety lacquered, with imprinted symbol for door opener	1620 60 64	10
Berker R.1 R.3 R.8		
polar white glossy, with imprinted symbol for light	1620 20 79	10
polar white glossy, with imprinted symbol for bell	1620 20 69	10
polar white glossy, with imprinted symbol for door opener	1620 20 59	10
black glossy, with imprinted symbol for light	1620 20 35	10
black glossy, with imprinted symbol for bell	1620 20 25	10
black glossy, with imprinted symbol for door opener	1620 20 15	10



Rocker

- labelling field



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1626 89 82	10
polar white glossy	1626 89 89	10
polar white matt	1626 19 09	10
anthracite matt	1626 16 06	10
aluminium matt, lacquered	1626 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	1626 60 82	10
polar white velvety	1626 60 89	10
anthracite velvety, lacquered	1626 60 86	10
aluminium velvety lacquered	1626 60 84	10
Berker K.1 K.5		
polar white glossy	1426 70 09	10
anthracite matt, lacquered	1426 70 06	10
alu, aluminium anodised	1426 70 03	10
stainless steel, metal matt finish	1426 70 04	10
Berker arsys		
white glossy	1426 00 02	10
polar white glossy	1426 00 69	10
brown glossy	1426 00 01	10
light bronze matt, aluminium lacquered	1436 00 01	10
stainless steel, metal matt finish	1436 00 04	10
gold matt, aluminium anodised	1436 00 02	10





Rocker

- full-surface labelling field



For labelling with names, notes etc.

Labelling field height designed for two 24 mm P-touch strips.

Design	Order no.	PU
Berker arsys		
clear, with white labelling field	1487 00	10



Rocker

- lens

- for illumination and monitoring circuit







Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1621 89 82	10
polar white glossy	1621 89 89	10
polar white matt	1621 19 09	10
anthracite matt	1621 16 06	10
aluminium matt, lacquered	1621 14 04	10
polar white matt, screw-on ¹⁾	1572 19 09	10
anthracite matt, screw-on ¹⁾	1572 16 06	10
aluminium matt, lacquered, screw-on ¹⁾	1572 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety ²⁾	1621 60 82	10
polar white velvety ²⁾	1621 60 89	10
anthracite velvety, lacquered ²⁾	1621 60 86	10
aluminium velvety lacquered ²⁾	1621 60 84	10
Berker K.1 K.5		
polar white glossy	1415 70 09	10
anthracite matt, lacquered	1415 70 06	10
alu, aluminium anodised	1415 70 03	10
stainless steel, metal matt finish	1415 70 04	10
Berker arsys		
white glossy	1415 00 02	10
polar white glossy	1415 00 69	10
brown glossy	1415 00 01	10
light bronze matt, aluminium lacquered	1416 00 01	10
stainless steel, metal matt finish	1416 00 04	10
gold matt, aluminium anodised	1416 00 02	10
stainless steel, metal matt finish, screw-on ¹⁾	1414 00 10	10
Berker R.1 R.3 R.8		
polar white glossy ³⁾	1621 20 89	10
black glossy ³⁾	1621 20 45	10






¹⁾ with cover plug for screw fitting
²⁾ only orange and clear lenses enclosed
³⁾ with clear lens only

	Rocker with fixing element		
	- lens	- with IP44 fixing piece to screw on	
		Suitable for Sealings IP44	Order no. Page page 192
Design		Order no.	PU
Berker S.1			
white glossy		1629 89 92	10
polar white glossy		1629 89 99	10
polar white matt		1629 19 19	10
anthracite matt		1629 16 16	10
aluminium matt, lacquered		1629 14 14	10

	Rocker with imprinted symbol for light		
	- lens	- for illumination and monitoring circuit	
			
Lenses available in orange and clear.			
Design		Order no.	PU
Berker Q.1 Q.3 Q.7 Q.9			
white velvety		1621 60 72	10
polar white velvety		1621 60 79	10
anthracite velvety, lacquered		1621 60 76	10
aluminium velvety lacquered		1621 60 74	10
Berker R.1 R.3 R.8			
polar white glossy ¹⁾		1621 20 79	10
black glossy ¹⁾		1621 20 35	10

¹⁾ with clear lens only

	Rocker		
	- labelling field	- for illumination and monitoring circuit	
	- lens		
	 		
Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed. For labelling with names, notes etc.			
Labelling field height designed for 6 mm P-touch strip.			
Design		Order no.	PU
Berker S.1 B.3 B.7			
white glossy		1628 89 82	10
polar white glossy		1628 89 89	10
polar white matt		1628 19 09	10
anthracite matt		1628 16 06	10
aluminium matt, lacquered		1628 14 04	10
Berker Q.1 Q.3 Q.7 Q.9			
white velvety ¹⁾		1628 60 82	10
polar white velvety ¹⁾		1628 60 89	10
anthracite velvety, lacquered ¹⁾		1628 60 86	10
aluminium velvety lacquered ¹⁾		1628 60 84	10
Berker K.1 K.5			
polar white glossy		1415 71 09	10
anthracite matt, lacquered		1415 71 06	10
alu, aluminium anodised		1415 71 03	10
stainless steel, metal matt finish		1415 71 04	10



Design	Order no.	PU
Berker arsys		
white glossy ²⁾	1415 02 02	10
polar white glossy ²⁾	1415 02 69	10
brown glossy ²⁾	1415 02 01	10
light bronze matt, aluminium lacquered ²⁾	1416 02 01	10
stainless steel, metal matt finish ²⁾	1416 02 04	10

¹⁾ only orange and clear lenses enclosed

²⁾ lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed



Rocker with imprinted symbol for bell

- labelling field – for illumination and monitoring circuit
- lens



Lenses available in orange and clear.
For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.



Design	Order no.	PU
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	1628 60 72	10
polar white velvety	1628 60 79	10
anthracite velvety, lacquered	1628 60 76	10
aluminium velvety lacquered	1628 60 74	10

Rocker

- large labelling field – for illumination and monitoring circuit
- lens



Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.






Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy ¹⁾	1696 89 82	10
polar white glossy ¹⁾	1696 89 89	10
polar white matt ¹⁾	1696 19 09	10
anthracite matt ¹⁾	1696 16 06	10
aluminium matt, lacquered ¹⁾	1696 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety ²⁾	1696 60 82	10
polar white velvety ²⁾	1696 60 89	10
anthracite velvety, lacquered ²⁾	1696 60 86	10
aluminium velvety, lacquered ²⁾	1696 60 84	10
Berker K.1 K.5		
polar white glossy ³⁾	1496 70 09	10
anthracite matt, lacquered ³⁾	1496 70 06	10
aluminium matt, lacquered ³⁾	1496 70 03	10
stainless steel matt, lacquered ³⁾	1496 70 04	10

¹⁾ labelling field height arranged for two 12 mm P-touch strips

²⁾ labelling field height arranged for two 18 mm P-touch strips, only orange and clear lenses enclosed


³⁾ labelling field height arranged for two 9 mm P-touch strips





	Rocker with imprinted symbol for bell			
	<ul style="list-style-type: none"> - large labelling field - lens 			<ul style="list-style-type: none"> - for illumination and monitoring circuit
 	Labelling field (W x H)	≈ 54.8 x 42.8 mm	Suitable for Rocker push-buttons optional Sealing set for switches/push-buttons	Order no. 1010 71 00
	Lenses available in orange and clear. For labelling with names, notes etc.			Page page 20
	Labelling field height designed for two 18 mm P-touch strips.			267
	Design		Order no.	PU
	Berker Q.1 Q.3 Q.7 Q.9			
	white velvety		1696 60 72	10
	polar white velvety		1696 60 79	10
	anthracite velvety, lacquered		1696 60 76	10
	aluminium velvety, lacquered		1696 60 74	10

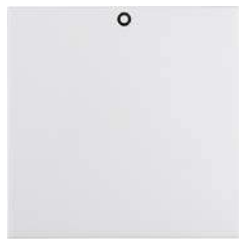
Multi-pole rocker switches

- spreader claws, insulated to the supporting ring, self-resetting
- connection terminals according to IEC 60669-1

	On/off switch 2pole 10 AX			871
	Rated voltage Switching current	250 V~ 10 AX	<ul style="list-style-type: none"> - with plug-in terminals - for illumination and monitoring circuit 	
	Only suitable in combination with rockers with "0" imprint.		Suitable for optional Neon lamp unit with N terminal Glow lamp unit with N-terminal LED unit 230 V, for switches/push-buttons LED unit for switches/push-buttons	Order no. 1675 .. 1676 .. 1686 .. 1687
				Page 61 61 20 62
	Design		Order no.	PU
	On/off switch 2pole 10 AX		3032	10

	On/off switch 2pole 16 AX			871
	Rated voltage Switching current	250 V~ 16 AX	<ul style="list-style-type: none"> - with screw terminals - for illumination and monitoring circuit 	
	Not suitable for water-protected, flush-mounted installation IP44. Only suitable in combination with rockers with "0" imprint.		Suitable for optional Neon lamp unit for switches/push-buttons	Order no. 1600 02
				Page 61
	Design		Order no.	PU
	On/off switch 2pole 16 AX		3032 12	10

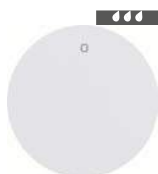
	On/off switch 3pole			871
	Rated voltage Switching current	400 V~ 16 AX	<ul style="list-style-type: none"> - with screw terminals - for illumination and monitoring circuit 	
	Not suitable for water-protected, flush-mounted installation IP44. Only suitable in combination with rockers with "0" imprint.		Suitable for optional Neon lamp unit for on/off switch 3pole	Order no. 1600
				Page 61
	Design		Order no.	PU
	On/off switch 3pole		3033 03	10



Rocker with imprint "0"

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1622 89 82	10
polar white glossy	1622 89 89	10
polar white matt	1622 19 09	10
anthracite matt	1622 16 06	10
aluminium matt, lacquered	1622 14 04	10
polar white matt, screw-on ¹⁾	1573 19 09	10
anthracite matt, screw-on ¹⁾	1573 16 06	10
aluminium matt, lacquered, screw-on ¹⁾	1573 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	1622 60 82	10
polar white velvety	1622 60 89	10
anthracite velvety, lacquered	1622 60 86	10
aluminium velvety lacquered	1622 60 84	10
Berker K.1 K.5		
polar white glossy	1425 71 09	10
anthracite matt, lacquered	1425 71 06	10
alu, aluminium anodised	1425 71 03	10
stainless steel, metal matt finish	1425 71 04	10
Berker arsys		
white glossy	1425 00 02	10
polar white glossy	1425 00 69	10
brown glossy	1425 00 01	10
light bronze matt, aluminium lacquered	1424 00 01	10
stainless steel, metal matt finish	1424 00 04	10
Berker R.1 R.3 R.8		
polar white glossy	1622 20 89	10
black glossy	1622 20 45	10

¹⁾ with cover plug for screw fitting



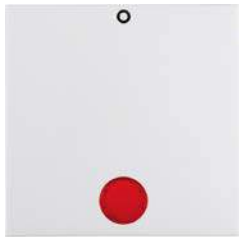
Rocker with imprint "0", fixing element

– with IP44 fixing piece to screw on

Design	Order no.	Page
Berker S.1		
white glossy	1629 89 72	10
polar white glossy	1629 89 79	10
polar white matt	1629 19 29	10
anthracite matt	1629 16 26	10
aluminium matt, lacquered	1629 14 24	10

Suitable for Sealings IP44 Order no. Page page 192

Order no. PU



Rocker with imprint "0"

- red lens

- for illumination and monitoring circuit



Design

Order no.

PU

Berker S.1 | B.3 | B.7

white glossy	1624 89 82	10
polar white glossy	1624 89 89	10
polar white matt	1624 19 09	10
anthracite matt	1624 16 06	10
aluminium matt, lacquered	1624 14 04	10
polar white matt, screw-on ¹⁾	1577 19 09	10
anthracite matt, screw-on ¹⁾	1577 16 06	10
aluminium matt, lacquered, screw-on ¹⁾	1577 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety ²⁾	1624 60 82	10
polar white velvety ²⁾	1624 60 89	10
anthracite velvety, lacquered ²⁾	1624 60 86	10
aluminium velvety lacquered ²⁾	1624 60 84	10

Berker K.1 | K.5

polar white glossy	1417 71 09	10
anthracite matt, lacquered	1417 71 06	10
alu, aluminium anodised	1417 71 03	10
stainless steel, metal matt finish	1417 71 04	10

Berker arsys

white glossy	1417 00 02	10
polar white glossy	1417 00 69	10
brown glossy	1417 00 01	10
light bronze matt, aluminium lacquered	1418 00 01	10
stainless steel, metal matt finish	1418 00 04	10

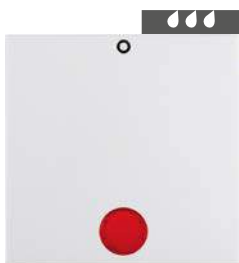
Berker R.1 | R.3 | R.8

polar white glossy ³⁾	1624 20 89	10
black glossy ³⁾	1624 20 45	10

¹⁾ with cover plug for screw fitting

²⁾ with orange lens

³⁾ with clear lens



Rocker with imprint "0", fixing element

- red lens

- for illumination and monitoring circuit
- with IP44 fixing piece to screw on



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Suitable for
Sealings IP44

Order no.

Page
page 192

Design

Order no.

PU

Berker S.1

white glossy	1629 89 62	10
polar white glossy	1629 89 69	10
polar white matt	1629 19 39	10
anthracite matt	1629 16 36	10
aluminium matt, lacquered	1629 14 34	10

Rocker switches, 2gang

- spreader claws, insulated to the supporting ring, self-resetting
- connection terminals according to IEC 60669-1

New

Series switch

▶ 871



Rated voltage 250 V~ – with plug-in terminals
Switching current 10 AX – for illumination and monitoring circuit

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	61
Glow lamp unit with N-terminal	1676 ..	61
LED unit with N terminal for series switch	1680	62

Design	Order no.	PU
Series switch	3035	10
Series switch for installation in hollow walls ¹⁾	3035 50	10
Series switch 16 AX	★ 3035 16	10

¹⁾low installation depth, without spreader claws



Double change-over switch, isolated input terminals

▶ 872

Rated voltage 250 V~ – with screw terminals
Switching current 10 AX – for illumination

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	61

Design	Order no.	PU
Double change-over switch, isolated input terminals	3038 08	10



Series push-buttons

- connection terminals according to IEC 60669-1

Series push-button, 2 NO contacts

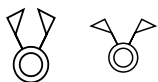
▶ 872



Rated voltage 250 V~ – with plug-in terminals
Momentary-contact current 10 A – for illumination

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	61
Glow lamp unit with N-terminal	1676 ..	61
LED unit 230 V, for switches/push-buttons	1686 ..	20
LED unit for switches/push-buttons	1687	62

Design	Order no.	PU
Series push-button, 2 NO contacts, common input terminal	5035	10
Series push-button, 2 NO contacts, isolated input terminals	5035 03	10



Series push-button, 2 change-over contacts

▶ 872

Rated voltage 250 V~ – with screw terminals
Momentary-contact current 10 A – for illumination
– double change-over contact, usable as NC or NO with separate input terminals

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	61

Design	Order no.	PU
Series push-button, 2 change-over contacts	5038 08	10





Group series push-button, 4 NO contacts, common input terminal

▶ 872

- 0 position



Rated voltage 250 V~
Momentary-contact current 10 A

Follow the motor manufacturers' instructions.

- with screw terminals
- for illumination
- 4 NO, common input terminal
- also suitable as series push-button for blinds

Suitable for optional	Order no.	Page
Cutoff relay		page 95
Neon lamp unit for switches/push-buttons	1600 02	61
Design	Order no.	PU
Group series push-button, 4 NO contacts, common input terminal	5034 04	10



Series switch/Series push-button



Series change-over switch/push button, change-over contact, common input terminal

Rated voltage 250 V~
Momentary-contact current 10 A

Connection terminals according to IEC 60669-1

- with screw terminals
- for illumination
- change-over
- change-over contact, usable as NC or NO
- Combination of push-button and switch in a flush-mounted insert, especially suitable for hotel applications

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	61
Design	Order no.	PU
Switch (left), push-button (right)	5038 08 02	10



Series push button, change-over contact/change-over switch, common input terminal

Rated voltage 250 V~
Momentary-contact current 10 A

Connection terminals according to IEC 60669-1

- with screw terminals
- for illumination
- change-over
- change-over contact, usable as NC or NO
- Combination of push-button and switch in a flush-mounted insert, especially suitable for hotel applications

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	61
Design	Order no.	PU
Push-button (left), switch (right)	5038 08 01	10

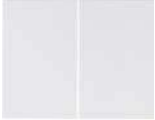


Rockers, 2gang, for switches/push-buttons









Rocker 2gang

- for rockers switches
- for rockers push-buttons and group rockers push-buttons

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1623 89 82	10
polar white glossy	1623 89 89	10
polar white matt	1623 19 09	10
anthracite matt	1623 16 06	10
aluminium matt, lacquered	1623 14 04	10
polar white matt, screw-on ¹⁾	1571 19 09	10
anthracite matt, screw-on ¹⁾	1571 16 06	10
aluminium matt, lacquered, screw-on ¹⁾	1571 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	1623 60 82	10
polar white velvety	1623 60 89	10
anthracite velvety, lacquered	1623 60 86	10
aluminium velvety lacquered	1623 60 84	10

Design	Order no.	PU	
Berker K.1 K.5			
	polar white glossy	1435 70 09	10
	anthracite matt, lacquered	1435 70 06	10
	alu, aluminium anodised	1435 70 03	10
	stainless steel, metal matt finish	1435 70 04	10
Berker arsys			
	white glossy	1435 00 02	10
	polar white glossy	1435 00 69	10
	brown glossy	1435 00 01	10
	light bronze matt, aluminium lacquered	1434 00 01	10
	stainless steel, metal matt finish	1434 00 04	10
	gold matt, aluminium anodised	1434 00 02	10
	stainless steel, metal matt finish, screw-on ¹⁾	1434 00 10	10
Berker R.1 R.3 R.8			
	polar white glossy	1623 20 89	10
	black glossy	1623 20 45	10

¹⁾ with cover plug for screw fitting

	Rocker 2gang		
	- red lens	<ul style="list-style-type: none"> - for illumination and monitoring circuit - for rockers switches - for rockers push-buttons and group rockers push-buttons 	
			
	Design	Order no.	PU
Berker S.1 B.3 B.7			
	white glossy	1627 89 82	10
	polar white glossy	1627 89 89	10
	polar white matt	1627 19 09	10
	anthracite matt	1627 16 06	10
	aluminium matt, lacquered	1627 14 04	10
Berker Q.1 Q.3 Q.7 Q.9			
	white velvety ¹⁾	1627 60 82	10
	polar white velvety ¹⁾	1627 60 89	10
	anthracite velvety, lacquered ¹⁾	1627 60 86	10
	aluminium velvety lacquered ¹⁾	1627 60 84	10
Berker K.1 K.5			
	polar white glossy	1437 70 09	10
	anthracite matt, lacquered	1437 70 06	10
	aluminium matt, lacquered	1437 70 03	10
	stainless steel matt, lacquered	1437 70 04	10
Berker arsys			
	white glossy	1437 00 02	10
	polar white glossy	1437 00 69	10
	brown glossy	1437 00 01	10
Berker R.1 R.3 R.8			
	polar white glossy ²⁾	1627 20 89	10
	black glossy ²⁾	1627 20 45	10

¹⁾ with orange and clear lens

²⁾ with clear lens

Rocker switches, 3gang



On/off switch 3gang

Rated voltage 400 V~ – with screw terminals
 Switching current 16 AX – 3 x 1pole off



Design	Order no.	PU
On/off switch 3gang	6330 23	10

Rocker 3gang



Design	Order no.	PU
--------	-----------	----

Berker S.1 | B.3 | B.7

white glossy	1665 89 82	10
polar white glossy	1665 89 89	10
polar white matt	1665 19 09	10
anthracite matt	1665 16 06	10
aluminium matt, lacquered	1665 14 04	10



Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1665 60 82	10
polar white velvety	1665 60 89	10
anthracite velvety, lacquered	1665 60 86	10
aluminium velvety lacquered	1665 60 84	10



Berker K.1 | K.5

polar white glossy	1465 70 09	10
anthracite matt, lacquered	1465 70 06	10
alu, aluminium anodised	1465 70 03	10
stainless steel matt, lacquered	1465 70 04	10



Berker arsys

white glossy	1465 00 02	10
polar white glossy	1465 00 69	10
brown glossy	1465 00 01	10
light bronze matt, lacquered	1465 90 11	10
stainless steel matt, lacquered	1465 90 04	10



Berker R.1 | R.3 | R.8

polar white glossy	1665 20 89	10
black glossy	1665 20 45	10

Pullcord switches/pullcord push-buttons

- spreader claws, insulated to the supporting ring, self-resetting
- connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²



Pullcord switch off/change-over

Rated voltage 250 V~ – with plug-in terminals
 Switching current 10 AX – for wall and ceiling mounting
 Long pullcord 14 cm – for illumination and monitoring circuit

▶ 871

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1605 1 ..	61



Design	Order no.	PU
Pullcord switch off/change-over	3966	10



Pullcord push-button, change-over contact with separate signal contact

▶ 883

Rated voltage	250 V~	– with plug-in terminals
Momentary-contact current	10 A	– for wall and ceiling mounting
Long pullcord	14 cm	– for illumination and monitoring circuit

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	61
Glow lamp unit with N-terminal	1676 ..	61



Design	Order no.	PU
Pullcord push-button, change-over contact with separate signal contact	3956 19	10

Centre plate for pullcord switch/pullcord push-button

Design	Order no.	PU
--------	-----------	----

Berker S.1 | B.3 | B.7

white glossy	1146 89 82	10
polar white glossy	1146 89 89	10
polar white matt	1146 19 09	10
anthracite matt	1146 16 06	10
aluminium matt, lacquered	1146 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1146 60 82	10
polar white velvety	1146 60 89	10
anthracite velvety, lacquered	1146 60 86	10
aluminium velvety, lacquered	1146 60 84	10

Berker K.1 | K.5

polar white glossy	1147 70 09	10
anthracite matt, lacquered	1147 70 06	10

Berker arsys

white glossy	1147 00 02	10
polar white glossy	1147 00 69	10
brown glossy	1147 00 01	10
light bronze matt, lacquered	1147 90 11	10
stainless steel matt, lacquered	1147 90 04	10

Berker R.1 | R.3 | R.8

polar white glossy	1146 20 89	10
black glossy	1146 20 45	10

Key switches/key push-buttons

- for standardised profile half-cylinder lock, 40 mm
- for master-key systems
- connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Change-over switch 2pole for lock cylinders

▶ 883

Rated voltage	250 V~	– with screw terminals
Switching current	10 A	– without spreader claws

Not suitable for water-protected, flush-mounted installation IP44.	Suitable for Lock cylinder	Order no.	Page
		1818 ..	62



Design	Order no.	PU
Change-over switch 2pole for lock cylinders	3826 10	10



Change-over switch for lock cylinders

- earthing contact



Rated voltage
Switching current

250 V~
10 A

- with screw terminals
- without spreader claws

Suitable for
Lock cylinder

Order no.
1818 ..

Page
62

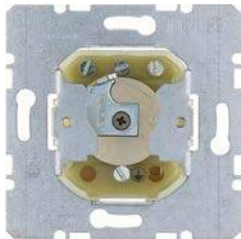
▶ 883



Design
Change-over switch for lock cylinders

Order no.
3836 20

PU
10



Push-button for lock cylinder

- earthing contact



Rated voltage
Momentary-contact current

250 V~
10 A

- with screw terminals
- without spreader claws
- change-over contact, usable as NC or NO

Suitable for
Lock cylinder

Order no.
1818 ..

Page
62

▶ 883



Design
splash-protected IP 44
Push-button for lock cylinder

Order no.
3856 20

PU
10



Centre plate for key switch/key push-button

Design

Berker S.1 | B.3 | B.7

white glossy

1507 89 82

10

polar white glossy

1507 89 89

10

polar white matt

1507 19 09

10

anthracite matt

1507 16 06

10

aluminium matt, lacquered

1507 14 04

10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety

1507 60 82

10

polar white velvety

1507 60 89

10

anthracite velvety, lacquered

1507 60 86

10

aluminium velvety, lacquered

1507 60 84

10

Berker K.1 | K.5

polar white glossy

1505 70 09

10

anthracite matt, lacquered

1505 70 06

10

aluminium matt, lacquered

1505 70 03

10

stainless steel matt, lacquered

1505 70 04

10

Berker arsys

white glossy

1505 00 12

10

polar white glossy

1505 00 79

10

brown glossy

1505 00 11

10

light bronze matt, lacquered

1505 90 21

10

stainless steel matt, lacquered

1505 90 14

10



Residual current circuit-breakers



IP20

Residual current circuit-breaker

Rated voltage	230 V~	– with plug-in terminals		
Rated current	16 A	– without spreader claws		
Frequency	50/60 Hz	– with push-button for switching on/off		
Measurement error current	30 mA	– to protect downstream loads		
Short-circuit resistance (with back-up fuse 16 AgL)	3 kA	– type A for alternating currents and pulsating direct currents		
Surge current resistance	3000 A (8/20) μs		Suitable for	Order no.
Operating temperature	-25 ... +40 °C		50 x 50 mm centre plate for RCD protection switch	1496 0 ..
Trigger time	≤ 30 ms at 5 times rated residual current		50 x 50 mm centre plate for RCD protection switch	1496 1 ..

▶ 893

Connection terminals according to IEC 60884-1
Tested according to IEC/EN61008-1
EN 61373



Design	Order no.	PU
Residual current circuit-breaker	2844 01	1

Light control



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with adapter ring for centre plate 50 x 50 mm from the corresponding range.

Suitable for	Order no.	Page
Adapter ring for centre plate 50 x 50 mm Residual current circuit-breaker	2844 01	page 35 35

Design	Order no.	PU
white glossy	1496 02	1
polar white glossy	1496 09	1
polar white matt/velvety	1496 19 09	1
anthracite, matt	1496 16 06	1
brown glossy	1496 01	1
aluminium matt, lacquered	1496 14 04	1
light bronze matt, lacquered	1496 11	1
stainless steel matt, lacquered	1496 04	1



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.
For centre plate according to DIN 49075

– for centre plate of third-party manufacturers with external dimension 50 x 50 mm

Suitable for	Order no.	Page
50 x 50 mm centre plate for RCD protection switch	1496 ..	35

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1109 90 82	10
polar white glossy	1109 90 89	10
polar white matt	1109 19 19	10
anthracite matt	1109 16 16	10
aluminium matt, lacquered	1109 14 14	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	1109 60 72	10
polar white velvety	1109 60 79	10
anthracite velvety, lacquered	1109 60 76	10
aluminium velvety, lacquered	1109 60 74	10
Berker K.1 K.5		
polar white glossy	1108 71 09	10
anthracite matt, lacquered	1108 71 06	10
aluminium matt, lacquered	1108 71 03	10
stainless steel matt, lacquered	1108 71 04	10





Design	Order no.	PU
Berker arsys		
white glossy	1108 01 02	10
polar white glossy	1108 01 69	10
brown glossy	1108 01 01	10
light bronze matt, lacquered	1108 91 11	10
stainless steel matt, lacquered	1108 91 04	10

Electronics platform

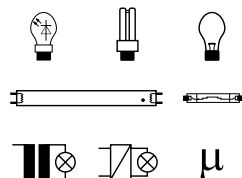
Switch inserts



Relay insert

▶ 896

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
230 V incandescent lamps and halogen lamps	2300 W	- also usable as push-button relay switch
230 V LED lamps	440 W	- no conductive connection between supporting ring and spreading claws
Dimmable energy-saving lamps	440 W	- with screw terminals
Dimmable conventional transformers	1500 VA	
Electronic transformers and dual-mode transformers	1500 W	
Fluorescent lamps:		
- uncompensated	1100 VA	
- parallel compensated	1000 W /130 µF	
- in Duo circuit	1000 W	
- with electrical ballast (EB)	1000 W	
Compact fluorescent lamps with electronic ballast	22 x 20 W	
Minimum contact load	≈ 15 W	
Number of substations	unlimited	
Operating temperature	-5 ... +45 °C	
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Claw guidance installation depth	32 mm	



Not suitable for installation in surface-mounted housing.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

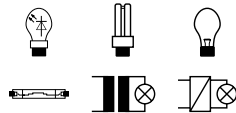


Design	Order no.	PU
Relay insert	8512 12 00	1



Switch insert 1gang

▶ 896



€

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting of load-dependent switching principle (autoDetect process)
- bulb-preserving soft startup
- short-circuit and overload proof (electronic fuse)
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Only suitable for operation with dimmable loads!

Caution!

Only connect **dimmable** 230 V ESL or LED lamps.
Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

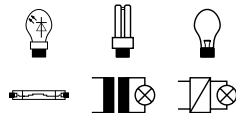


Design	Order no.	PU
Switch insert 1gang	8512 11 00	1



Switch insert 2gang

▶ 896



€

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V LED lamps	per channel 12 ... 54 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting of load-dependent switching principle (autoDetect process)
- bulb-preserving soft startup
- short-circuit and overload proof (electronic fuse)
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Only suitable for operation with dimmable loads!

Caution!

Only connect **dimmable** 230 V ESL or LED lamps.
Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



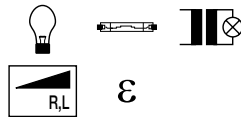
Design	Order no.	PU
Switch insert 2gang	8512 22 00	1

Dimmer inserts



Touch dimmer (R, L)

▶ 896



Operating voltage	230 V~	– low intrinsic energy requirement
Frequency	50/60 Hz	– phase cut-on
Power consumption (standby)	0.3 W	– bulb-preserving soft startup
230 V incandescent lamps and halogen lamps	25 ... 400 W	– switch-on brightness level can be stored safe after power failure
Dimmable conventional transformers	25 ... 400 VA	– short-circuit and overload proof (electronic fuse)
Number of substations	unlimited	– with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Number of universal capacity enhancers	max. 2	– expandable with universal power boosters RMD Plus
Operating temperature	-5 ... +45 °C	– no conductive connection between supporting ring and spreading claws
Cable length, extensions	max. 50 m	– with screw terminals
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Installation depth	32 mm	

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

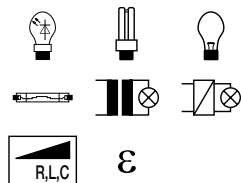


Design	Order no.	PU
Touch dimmer (R, L)	8542 11 00	1



Universal touch dimmer 1gang

▶ 896



Operating voltage	230 V~	– low intrinsic energy requirement
Frequency	50/60 Hz	– optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
Power consumption (standby)	0.3 W	– automatic setting of load-dependent switching principle (autoDetect process)
230 V incandescent lamps and halogen lamps	25 ... 400 W	– phase cut-on or cut-off according to load type, self-learning
Dimmable 230 V LED lamps	5 ... 70 W	– bulb-preserving soft startup
Dimmable energy-saving lamps	13 ... 80 W	– short-circuit and overload proof (electronic fuse)
Dimmable conventional transformers	25 ... 400 VA	– with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Electronic transformers and dual-mode transformers	25 ... 400 W	– no conductive connection between supporting ring and spreading claws
Number of substations	unlimited	– with screw terminals
Operating temperature	-5 ... +45 °C	
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Installation depth	32 mm	

Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



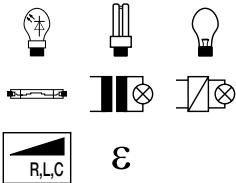
Design	Order no.	PU
Universal touch dimmer 1gang	8542 12 00	1



Universal touch dimmer 2gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption, standby (Channel 1/Channel 2)	0.3/0.7 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V LED lamps	per channel 12 ... 40 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting of load-dependent switching principle (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- bulb-preserving soft startup
- short-circuit and overload proof (electronic fuse)
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Universal touch dimmer 2gang	8542 21 00	1

DALI/DSI control devices



DALI/DSI control insert

Operating voltage	230 V~
Frequency	50/60 Hz
DALI voltage	16 V= (10.5 ... 22.5 V=)
Output current	max. 40 mA
Power consumption (standby)	< 0.4 W
Number of substations	unlimited
- passive operation (with external power supply)	max. 64
Quantity of DALI/DSI devices:	
- active operation	max. 20
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 100 m
DALI cable length at 1.5 mm ²	max. 300 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- automatic detection of DALI/DSI devices
- remote control with KNX radio hand-held/wall-transmitters in combination with KNX radio buttons
- automatic selection of operating mode (active/passive)
- supplies the system voltage for additional DALI users when connected to mains voltage
- switch-on brightness level can be stored safe after power failure
- for switching and controlling of electronic ballasts and Tronic transformers with DALI/DSI interface
- with electronic short-circuit and overload protection
- with extension unit input for push-button (NO contact)
- control information is send centrally to all users in the DALI/DSI network (Broadcast)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Not suitable for combining with other DALI systems.
DALI Bus communication in Broadcast mode according to IEC 62386-102



Design	Order no.	PU
DALI/DSI control insert	8542 17 00	1

Buttons for switches/dimmers



Button 1gang

Operating voltage
Operating temperature

via insert
-5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

▶ 896

Suitable for	Order no.	Page
Relay insert	8512 12 00	36
Switch insert 1gang	8512 11 00	37
Touch dimmer (R, L)	8542 11 00	38
Universal touch dimmer 1gang	8542 12 00	38
DALI/DSI control insert	8542 17 00	39

Design

Order no. PU

Berker S.1 | B.3 | B.7

white glossy	8514 11 82	1
polar white glossy	8514 11 89	1
polar white matt	8514 11 88	1
anthracite matt, lacquered	8514 11 85	1
aluminium matt, lacquered	8514 11 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8514 11 22	1
polar white velvety	8514 11 29	1
anthracite velvety, lacquered	8514 11 26	1
aluminium velvety, lacquered	8514 11 24	1

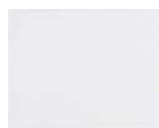
Berker K.1 | K.5

polar white glossy	8514 11 79	1
anthracite matt, lacquered	8514 11 75	1
aluminium, matt, lacquered	8514 11 77	1
stainless steel matt, lacquered	8514 11 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8514 11 39	1
black glossy ¹⁾	8514 11 31	1

¹⁾ no dismantling protection possible



Button 2gang

Operating voltage
Operating temperature

via insert
-5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept per series
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

▶ 896

Suitable for	Order no.	Page
Switch insert 2gang	8512 22 00	37
Universal touch dimmer 2gang	8542 21 00	39

Design

Order no. PU

Berker S.1 | B.3 | B.7

white glossy	8514 21 82	1
polar white glossy	8514 21 89	1
polar white matt	8514 21 88	1
anthracite matt, lacquered	8514 21 85	1
aluminium matt, lacquered	8514 21 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8514 21 22	1
polar white velvety	8514 21 29	1
anthracite velvety, lacquered	8514 21 26	1
aluminium velvety, lacquered	8514 21 24	1





Design	Order no.	PU
Berker K.1 K.5		
polar white glossy	8514 21 79	1
anthracite matt, lacquered	8514 21 75	1
aluminium, matt, lacquered	8514 21 77	1
stainless steel matt, lacquered	8514 21 73	1
Berker R.1 R.3 R.8		
polar white glossy ¹⁾	8514 21 39	1
black glossy ¹⁾	8514 21 31	1

Light control

¹⁾no dismantling protection possible

Dimmers

Product variant	Rotary dimmer							
	with cover plate	400 W	600 W	1000 W	(R, L, LED)	Tronic 360 W (R, C)	Tronic 525 W (R, C)	Universal (R, L, C)
Picture of article								
Order no.	2819 xx xx	2830 10	2875	2885	2873	2867 10	2874	2861 10
Switching symbols								
Soft locking			■	■	■		■	■

Power output range

Min.	60 W	60 W	60 W	100 W	20 W/VA	20 W	20 W	50 W/VA
Max.	400 W	400 W	600 W	1000 W	500 W/VA	360 W	525 W	420 W/VA

Load types

230 V incandescent lamps and halogen lamps	■	■	■	■	■	■	■	■
Dimmable conventional transformers					■			■
Dimmable electronic transformers						■	■	■
Dimmable retrofit LED lamps					3 ... 100 W			
Dimmable energy-saving lamps								
1-10 V								
DALI								
Extension units		Change-over switch ¹⁾	Change-over switch ¹⁾	Change-over switch ¹⁾	Change-over switch ¹⁾	Change-over switch ¹⁾	Change-over switch ¹⁾	Rotary dimmer extension unit

Design covers/application modules

Centre plate for rotary dimmer/rotary potentiometer Order no. 1134; 1135; 1137	■	■	■	■	■	■	■	■
Cover plate for rotary dimmers/rotary potentiometers Order no. 1130 ..	■	■	■	■	■	■	■	■
Button, 1gang, order no. 8514 11 ..								
Button, 2gang, order no. 8514 21 ..								
KNX radio button, 1gang, order no. 8514 51 ..								
KNX radio button, 2gang, order no. 8514 61 ..								
KNX radio button, 4gang, order no. 8564 81 ..								

OPTIONAL ACCESSORIES

Power booster built-in (R, L), order no. 2869, max.10	■	■	■	■	■			■
Tronic power booster built-in (R, C), order no. 2868, max. 10		■	■	■		■	■	■
Universal power booster Plus RMD, order no. 1 6599 01, max.						10	10	5 ²⁾ 10 ³⁾
Making current limiter order no. 185								
Mains decoupler order no. 187 00			■		■		■ ⁵⁾	■ ⁶⁾
Mains decoupler comfort order no. 1 8799 01			■		■		■ ⁵⁾	■ ⁶⁾

¹⁾ Switching only.

²⁾ Number of universal power boosters, 420 W at phase control

³⁾ Number of universal power boosters, 500 W for phase cut-off

⁴⁾ Number of universal power boosters, 400 W for phase cut-off.

⁵⁾ Only with control module.

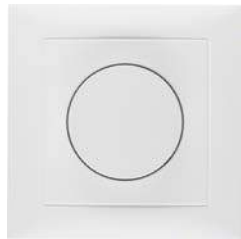
⁶⁾ Only when operated without extension unit.

⁷⁾ Max. 4 rotary potentiometers parallel with up to 104 Dali devices. Only when operated without extension unit.

Rotary potentiometer				Touch dimmer			DAI control devices
1-10 V	1-10 V NO contact	DAI	DAI with power supply	(R, L)	Universal 1gang	Universal 2gang	DAI/DSI control insert
2891 10	2896 10	2897	2898	8542 11 00	8542 12 00	8542 21 00	8542 17 00
■	■	■	■				
Control current 50 mA =	Control current 50 mA =	up to 64 devices	26 (104 ⁷) devices	25 W/VA	25 W/VA	35 W/VA per output	up to 64 devices (passive) up to 20 devices (active)
Switching current max. 6 A	Momentary-contact current max. 2 A		Output current 52 mA	400 W/VA	400 W/VA	300 W/VA per output	
				■	■	■	
				■	■	■	
					■	■	
					5 ... 70 W	12 ... 54 W	
					13 ... 80 W	15 ... 54 W	
■	■						
		■	■				■
	Push-button NO contact			Push-button NO contact	Push-button NO contact	Push-button NO contact	
■	■	■	■				
■	■	■	■				
				■	■	■	■
				■	■	■	■
				■	■	■	■
Contactor for increase of switching current				2			
■	■						
■	■						
■	■						

Dimmers

Rotary dimmers



Rotary dimmer with cover plate

▶ 878

- setting knob



- bulb-preserving soft startup
- phase cut-on
- with rotary on/off switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

Operating voltage 230 V~
 Frequency 50 Hz
 230 V incandescent lamps and halogen lamps 60 ... 400 W
 Number of built-in power boosters (R, L) max. 10
 Operating temperature +5 ... +25 °C
 Axis dimension Ø 4 mm

Suitable for replacement	Order no.	Page
Cover for rotary dimmers/rotary potentiometers	1130 ..	49



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Design	Order no.	PU
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Berker S.1

white glossy	2819 89 82	1
polar white glossy	2819 89 89	1
polar white matt	2819 99 09	1
anthracite matt	2819 99 49	1
aluminium matt, lacquered	2819 99 39	1



Rotary dimmer 600 W

▶ 878

- soft locking



- phase cut-on
- with change-over pressure switch
- voltage test possible without dismantling
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with plug-in terminals

Operating voltage 230 V~
 Frequency 50 Hz
 230 V incandescent lamps and halogen lamps 60 ... 600 W
 Number of built-in Tronics or power boosters (R, L) max. 10
 Axis dimension Ø 4 mm

Possible to change fuse without removing cover.



Design	Order no.	PU
Rotary dimmer 600 W	2875	1



Rotary dimmer 1000 W

▶ 878

- soft locking



- phase cut-off
- with change-over pressure switch
- short-circuit and overload proof (electronic fuse)
- with screw terminals

Operating voltage 230/240 V~
 Frequency 50 Hz
 230 V incandescent lamps and halogen lamps 100 ... 1000 W
 Number of built-in Tronics or power boosters (R, L) max. 10
 Axis dimension Ø 4 mm

Design	Order no.	PU
Rotary dimmer 1000 W	2885	1





Rotary dimmer (R, L, LED)

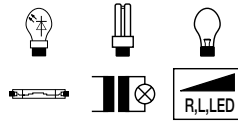
▶ 878

- soft locking



Operating voltage	230/240 V~
Frequency	50 Hz
Control current	100 mA
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable 230 V LED lamps	typ. 3 ... 100 W
Compact fluorescent lamps	typ. 3 ... 100 W
Dimmable conventional transformers (R, L)	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Conductor cross-section	1 mm ² ... 2.5 mm ²
Axis dimension Ø	4 mm
Ambient temperature	+5 ... +45 °C
Dimmable conventional transformers with NV-LED	20 ... 100 VA

- phase cut-on
- basic brightness programmable
- with change-over pressure switch
- voltage test possible without dismantling
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with terminal for base load from mains isolator
- with plug-in terminals



Possible to change fuse without removing cover.



Design	Order no.	PU
Rotary dimmer (R, L, LED)	2873	1



Tronic rotary dimmer 525 W (R, C)

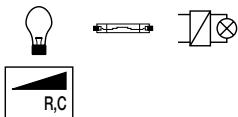
▶ 878

- soft locking



Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	20 ... 525 W
Electronic transformers	20 ... 525 W
Number of built-in Tronic power boosters (R, C)	max. 10
Number of universal power boosters, 500 W	max. 10
Axis dimension Ø	4 mm

- bulb-preserving soft startup
- phase cut-off
- very low noise
- with change-over pressure switch
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- voltage test possible without dismantling
- short-circuit and overload proof (electronic fuse)
- with terminal for base load from mains isolator
- with plug-in terminals



Trouble-free operation will be obtained only with Berker Tronic transformers.



Design	Order no.	PU
Tronic rotary dimmer 525 W (R, C)	2874	1



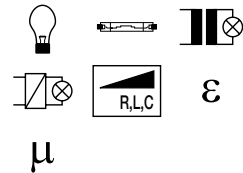
Rotary dimmer (R, L, C)

- soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Axis dimension Ø	4 mm

- with input for extension units insert for universal rotary dimmer
- with brightness memory
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- very low noise
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with incremental encoder
- voltage test possible without dismantling
- short-circuit and overload proof (electronic fuse)
- with plug-in terminals



Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.



Design	Order no.	PU
Rotary dimmer (R, L, C)	2861 10	1



Extension units insert for universal rotary dimmer

- soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
Number of substations	max. 5
Axis dimension Ø	4 mm

- as extension unit for universal rotary dimmer
- voltage test possible without dismantling
- with incremental encoder
- with plug-in terminals



Design	Order no.	PU
Extension units insert for universal rotary dimmer	2862 10	1

Rotary potentiometers DALI



Rotary potentiometer DALI

- soft locking



DALI voltage	16 V= (9.5 ... 22.5 V=)
Current consumption	< 2 mA
Quantity of DALI devices	max. 64
DALI cable length at 1.5 mm ²	max. 200 m
Axis dimension Ø	4 mm

- for wiring in parallel (last potentiometer setting applicable)
- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- with on/off pressure switch
- control is effected by central telegram (broadcast)
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

Possible to change fuse without removing cover.

Not suitable for combining with other DALI sensors or central units.

DALI draft according to DIN IEC 60929

Power supply required to DALI specifications
DIN IEC 60929 required



Design	Order no.	PU
Rotary potentiometer DALI	2897	1



DALI rotary potentiometer with power supply

▶ 880

- soft locking



Rated voltage	230 V~
Frequency	50/60 Hz
DALI voltage	16 V=
Output current	max. 52 mA
Power consumption	≤ 2 W
Quantity of DALI devices with an active DALI potentiometer	26
Quantity of DALI devices with 4 active DALI potentiometers in parallel	104
DALI cable length at 1.5 mm ²	max. 200 m
Axis dimension Ø	4 mm

- supplies the necessary control current for additional DALI users in the active operation to mains vo
- without mains voltage in passive operation on DALI voltage the unit serves as an additional control
- parallel connection of max. 4 active DALI potentiometers possible
- switch-on brightness level can be stored safe after power failure
- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- with on/off pressure switch
- control is effected by central telegram (broadcast)
- with incremental encoder
- short-circuit and overload proof (electronic fuse)
- with screw terminals

Not suitable for combining with other DALI sensors or central units.

DALI draft according to DIN IEC 60929



Design	Order no.	PU
DALI rotary potentiometer with power supply	2898	1

1-10 V Rotary potentiometers



1-10 V rotary potentiometer

▶ 879

- soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	6 A
Control current	50 mA
Axis dimension Ø	4 mm

- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with on/off pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Possible to change fuse without removing cover.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977.

Interface according to DIN EN 61347-2-3



Design	Order no.	PU
1-10 V rotary potentiometer	2891 10	1



1 - 10 V push-button rotary potentiometer, NO contact

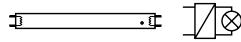
▶ 879

- **soft locking**



Operating voltage	230/240 V~	- e.g. for fluorescent lamps and LV halogen lamps
Frequency	50/60 Hz	- for activation of pulse relays
Momentary-contact current	max. 2 A	- with push-button, NO contact
Control current	50 mA	- for controlling electronic ballasts and Tronic transformers with 1 - 10 V interface, 105 W
Axis dimension Ø	4 mm	- short-circuit and overload proof (fine-wire fuse)

- e.g. for fluorescent lamps and LV halogen lamps
- for activation of pulse relays
- with push-button, NO contact
- for controlling electronic ballasts and Tronic transformers with 1 - 10 V interface, 105 W
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals



With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Possible to change fuse without removing cover.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977. Interface according to DIN EN 61347-2-3



Design	Order no.	PU
1 - 10 V push-button rotary potentiometer, NO contact	2896 10	1

Covers for rotary dimmers/rotary potentiometers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Centre plate for rotary dimmer/rotary potentiometer

- **setting knob**



Axis dimension Ø	4 mm
------------------	------

Design	Order no.	PU
--------	-----------	----

Berker S.1 | B.3 | B.7

white glossy	1137 89 82	10
polar white glossy	1137 89 89	10
polar white matt	1137 19 09	10
anthracite matt	1137 16 06	10
aluminium matt, lacquered	1137 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1137 60 82	10
polar white velvety	1137 60 89	10
anthracite velvety, lacquered	1137 60 86	10
aluminium velvety, lacquered	1137 60 84	10

Berker K.1 | K.5

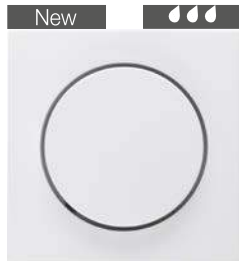
polar white glossy	1135 70 09	10
anthracite matt, lacquered	1135 70 06	10
aluminium, aluminium anodised	1135 70 03	10
stainless steel, metal matt finish	1135 70 04	10

Berker arsys

white glossy	1135 00 02	10
polar white glossy	1135 00 69	10
brown glossy	1135 00 01	10
light bronze matt, aluminium lacquered	1134 00 01	10
stainless steel, metal matt finish	1134 00 04	10
gold matt, aluminium anodised	1134 00 02	10



Design	Order no.	PU
Berker R.1 R.3 R.8		
polar white glossy	1137 20 89	10
black glossy	1137 20 45	10



Centre plate for rotary dimmer/rotary potentiometer IP44

- setting knob



Suitable for
Sealings IP44

Order no.

Page
page 192

Axis dimension Ø 4 mm

Design	Order no.	PU
Berker S.1		
white glossy	★ 1367 89 82	10
polar white glossy	★ 1367 89 89	10
polar white matt	★ 1367 19 09	10
anthracite matt	★ 1367 16 06	10
alu matt	★ 1367 14 04	10



Cover for rotary dimmers/rotary potentiometers

- setting knob



Axis dimension Ø 4 mm

Design	Order no.	PU
Berker S.1		
white glossy	1130 89 82	10
polar white glossy	1130 89 89	10
polar white matt	1130 99 09	10
anthracite matt	1130 99 49	10
aluminium matt, lacquered	1130 99 39	10

Timers

Mechanical timers



Mechanical timer

Rated voltage	250 V~	- reset with slip-clutch
Switching current	16 AX	- with through terminal
Running accuracy	± 10 % per month	- without spreader claws - with screw terminals

▶ 871



Design	Order no.	PU
Mechanical timer, 15 min, 2-pole off, 15 min	2040	1
Mechanical timer, 120 min, 2-pole off, 120 min	2041	1



Centre plate for mechanical timer, 15 min

- with time scale symbol imprint

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1632 89 82	1
polar white glossy	1632 89 89	1
polar white matt	1632 19 09	1
anthracite matt	1632 16 06	1
aluminium matt, lacquered	1632 14 04	1



Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1632 60 82	1
polar white velvety	1632 60 89	1
anthracite velvety, lacquered	1632 60 86	1
aluminium velvety lacquered	1632 60 84	1



Berker K.1 | K.5

polar white glossy	1634 71 09	1
anthracite matt, lacquered	1634 71 06	1
aluminium, aluminium anodised	1634 71 03	1
stainless steel, metal matt finish	1634 71 04	1



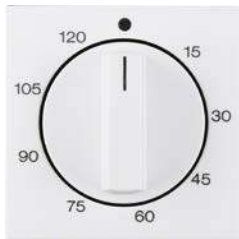
Berker arsys

white glossy	1634 00 02	1
polar white glossy	1634 00 69	1
brown glossy	1634 00 01	1
light bronze matt, aluminium lacquered	1634 01 01	1
stainless steel, metal matt finish	1634 01 04	1
gold/polar white, matt/glossy, aluminium anodised	1634 01 02	1



Berker R.1 | R.3 | R.8

polar white glossy	1632 20 89	1
black glossy	1632 20 45	1



Centre plate for mechanical timer, 120 min

– with time scale symbol imprint

Design Order no. PU

Berker S.1 | B.3 | B.7

polar white glossy	1633 89 89	1
white glossy	1633 89 82	1
polar white matt	1633 19 09	1
anthracite matt	1633 16 06	1
aluminium matt, lacquered	1633 14 04	1



Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1633 60 82	1
polar white velvety	1633 60 89	1
anthracite velvety, lacquered	1633 60 86	1
aluminium velvety	1633 60 84	1



Berker K.1 | K.5

polar white glossy	1635 71 09	1
anthracite matt, lacquered	1635 71 06	1
aluminium, aluminium anodised	1635 71 03	1
stainless steel, metal matt finish	1635 71 04	1



Berker arsys

white glossy	1635 00 02	1
polar white glossy	1635 00 69	1
brown glossy	1635 00 01	1
light bronze matt, aluminium lacquered	1635 01 01	1
stainless steel, metal matt finish	1635 01 04	1
gold/polar white, matt/glossy, aluminium anodised	1635 01 02	1



Berker R.1 | R.3 | R.8

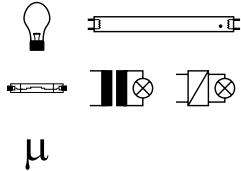
polar white glossy	1633 20 89	1
black glossy	1633 20 45	1

Electronic timers



Time relay insert

Operating voltage	230/240 V~	- electronic timer with on/off pressure switch
Frequency	50/60 Hz	- with extension unit input for push-button (NO contact)
230 V incandescent lamps	1500 W	- is switched off when actuated in the switched-on state
230 V halogen lamps	300 W	- with red control LED
Conventional transformers	1000 VA	- short-circuit and overload proof (fine-wire fuse)
Electronic transformers	1500 W	- with spare fuse
Fluorescent lamps:		- very low noise
- parallel compensated	150 VA	
- in Duo circuit	1000 VA	
- uncompensated	500 VA	
Delay time, adjustable	≈ 1 min ... 1 h	
Axis dimension Ø	4 mm	
Conventional transformers	1000 VA	



For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Not suitable for installation in surface-mounted housing.



Design	Order no.	PU
Time relay insert	2948 10	1

Centre plate for time relay insert

- push-button with clear lens - with imprint



Axis dimension Ø 4 mm

Design	Order no.	PU
--------	-----------	----

Berker S.1 | B.3 | B.7

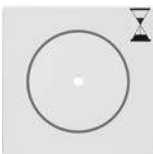
white glossy	1674 89 82	10
polar white glossy	1674 89 89	10
polar white matt	1674 19 09	10
anthracite matt	1674 16 06	10
aluminium matt, lacquered	1674 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1674 60 82	10
polar white velvety	1674 60 89	10
anthracite velvety, lacquered	1674 60 86	10
aluminium velvety lacquered	1674 60 84	10

Berker R.1 | R.3 | R.8

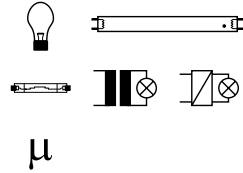
polar white glossy	1674 20 89	10
black glossy	1674 20 45	10





Insert for timer

Operating voltage	230 V~	- with potential-free contact
Frequency	50/60 Hz	- with 230 V extension unit inputs for on and off
230 V incandescent lamps and halogen lamps	1000 W	- with screw terminals
Conventional transformers	500 VA	
Electronic transformers	750 W	
Fluorescent lamps:		
- parallel compensated	400 VA	
- in Duo circuit	1000 VA	
- uncompensated	500 VA	
Conventional transformers	500 VA	



For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Recommendation: use deep box.

Not suitable for installation in surface-mounted housing.



Design	Order no.	PU
Insert for timer	× 2948	1



Timer comfort

- display

Number of switching times for on/off	18	- astro programme for sunrise/sundown switching
Astronomic time shift	± 2 h	- with preset basic programme
Random number generator	± 15 min	- with week and day programme
Countdown function	0 ... 23 h 59 min	- large-area display with symbols
Power reserve	≈ 24 h	- with imprint in German
		- with slide switch from summer to winter time
		- 2 independent programme memories for everyday/holidays
		- with slide switch for manual/automatic

For manual and time-programmed switching of electrical loads.

Suitable for	Order no.	Page
Insert for timer	2948	52

Design	Order no.	PU
--------	-----------	----

Berker arsys

white glossy	× 1736 00 02	1
polar white glossy	× 1736 00 69	1
brown glossy	× 1736 00 01	1
light bronze matt, lacquered	× 1736 90 11	1
stainless steel matt, lacquered	× 1736 90 04	1



Timer Easy

- display

Switching times for on/off per program block	2	- 2 programme blocks Mon. - Fri. and Sat. - Sun.
Power reserve (maintenance-free)	≈ 4 h	- simple programming of switching times
		- programmable for approx. 4 h after removing insert
		- with quick programming mode
		- display of next switching time
		- large-area display with symbols
		- with automatic summer-/winter time switching (can be switched off)
		- with slide switch for manual/automatic

For manual and time-programmed switching of electrical loads.

Suitable for	Order no.	Page
Insert for timer	2948	52


Design	Order no.	PU
--------	-----------	----

Berker arsys

white glossy	× 1735 00 02	1
polar white glossy	× 1735 00 69	1
brown glossy	× 1735 00 01	1
light bronze matt, lacquered	× 1735 90 11	1
stainless steel matt, lacquered	× 1735 90 04	1



Pilot lamps

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

LED signal lights



LED signal light, white lighting

▶ 875

Rated voltage	230 V~	– brightness modifiable via potentiometer
Frequency	50/60 Hz	– light colour cold white
Power consumption	at 230 V~, 50 Hz - max. 1 W	– for signalling notices, information or warnings
Quantity LED lamps	4	– switchable via separate switch
Ambient temperature	-5 ... +40 °C	– foils with imprint of symbols insertable
Conductor cross-section	2.5 mm ²	

For installation in standard wall boxes according to DIN 49073-1

Design Order no. PU

Berker S.1 | B.3 | B.7

white glossy	2953 89 82	1
polar white glossy	2953 89 89	1
polar white matt	2953 19 09	1
anthracite matt	2953 16 06	1
aluminium matt, lacquered	2953 14 04	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	2953 60 82	1
polar white velvety	2953 60 89	1
anthracite velvety lacquered	2953 60 86	1
aluminium velvety, lacquered	2953 60 84	1

Berker K.1 | K.5

polar white glossy	2953 70 09	1
anthracite matt	2953 70 06	1
aluminium matt, lacquered	2953 70 03	1
stainless steel matt, lacquered	2953 70 04	1

Berker R.1 | R.3 | R.8

polar white glossy	2953 20 89	1
black glossy	2953 20 45	1



LED signal light, RGB

▶ 875

Rated voltage	230 V~	– brightness modifiable via potentiometer
Frequency	50/60 Hz	– light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence callable via push-button
Power consumption	at 195...265 V~, 50/60 Hz - max. 3.7 W	– colour sequence can be stopped at any position via the push-button.
Quantity LED lamps	4	– for signalling notices, information or warnings
Ambient temperature	-5 ... +40 °C	– colour is switchable via an external switch
Conductor cross-section	2.5 mm ²	– foils with imprint of symbols insertable

For installation in standard wall boxes according to DIN 49073-1

Design Order no. PU

Berker S.1 | B.3 | B.7

white glossy	2951 89 82	1
polar white glossy	2951 89 89	1
polar white matt	2951 19 09	1
anthracite matt	2951 16 06	1
aluminium matt, lacquered	2951 14 04	1





Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	2951 60 82	1
polar white velvety	2951 60 89	1
anthracite velvety lacquered	2951 60 86	1
aluminium velvety, lacquered	2951 60 84	1



Berker K.1 | K.5

polar white glossy	2951 70 09	1
anthracite matt	2951 70 06	1
aluminium matt, lacquered	2951 70 03	1
stainless steel matt, lacquered	2951 70 04	1



Berker R.1 | R.3 | R.8

polar white glossy	2951 20 89	1
black glossy	2951 20 45	1



Foil for LED signal light

Inserts will only reach the degree of protection IP55 if mounted with a housing surface mounted or frame for flush-mounted installation.

The imprinted symbol is not visible in switched off state of the signal light.

– also for surface-mounted wet-room installation: LED signal light inserts

Suitable for	Order no.	Page
LED signal light, RGB	2951 ..	53
LED signal light, white lighting	2953 ..	53

Design	Order no.	PU
with imprinted symbol for man	1905 80 01	1
with imprinted symbol for woman	1905 80 02	1
with imprinted symbol for wheelchair	1905 80 03	1
with imprinted symbol for stairs	1905 80 04	1
with imprinted symbol for elevator	1905 80 05	1



Foil for round LED signal light

Inserts will only reach the degree of protection IP55 if mounted with a housing surface mounted or frame for flush-mounted installation.

The imprinted symbol is not visible in switched off state of the signal light.

Suitable for	Order no.	Page
LED signal light, RGB	2951 20 ..	54
LED signal light, white lighting	2953 20 ..	53

Design	Order no.	PU
with imprinted symbol for man	1905 80 06	1
with imprinted symbol for woman	1905 80 07	1
with imprinted symbol for wheelchair	1905 80 08	1
with imprinted symbol for stairs	1905 80 09	1
with imprinted symbol for elevator	1905 80 10	1



LED signal light, red/green lighting

Rated voltage	230 V~
Frequency	50/60 Hz
Power consumption	at 230 V~, 50 Hz - per colour max. 0.5 W
Quantity LED lamps	4
Ambient temperature	-5 ... +40 °C
Conductor cross-section	2.5 mm ²

- for signalling of e.g. access control
- switchable between red and green via separate switches
- two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied

For installation in standard wall boxes according to DIN 49073-1

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	2952 89 82	1
polar white glossy	2952 89 89	1
polar white matt	2952 19 09	1
anthracite matt	2952 16 06	1
aluminium matt, lacquered	2952 14 04	1





Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	2952 60 82	1
polar white velvety	2952 60 89	1
anthracite velvety lacquered	2952 60 86	1
aluminium velvety, lacquered	2952 60 84	1



Berker K.1 | K.5

polar white glossy	2952 70 09	1
anthracite matt	2952 70 06	1
aluminium matt, lacquered	2952 70 03	1
stainless steel matt, lacquered	2952 70 04	1



Berker R.1 | R.3 | R.8

polar white glossy	2952 20 89	1
black glossy	2952 20 45	1



Foil bi-colour for LED signal light

Inserts will only reach the degree of protection IP55 if mounted with a housing surface mounted or frame for flush-mounted installation.

The imprinted symbol is not visible in switched off state of the signal light.

– also for surface-mounted wet-room installation: LED signal light inserts

Design	Order no.	Page
with imprinted symbol for Do not disturb/Make up room	1905 80 11	1
with imprinted symbol for Wait/Enter	1905 80 12	1

Suitable for	Order no.	Page
LED signal light, red/green lighting	2952 ..	54



Foil bi-colour for round LED signal light

Inserts will only reach the degree of protection IP55 if mounted with a housing surface mounted or frame for flush-mounted installation.

The imprinted symbol is not visible in switched off state of the signal light.

Suitable for	Order no.	Page
LED signal light, red/green lighting	2952 ..	55

Design	Order no.	Page
with imprinted symbol for Do not disturb/Make up room	1905 80 13	1
with imprinted symbol for Wait/Enter	1905 80 14	1

Push-buttons/pilot lamps



Push-button complete for stairway light

- screw terminals



Rated voltage	250 V~
Momentary-contact current	2 A

- without neon lamp
- with insert, frame, centre plate and red button
- with screw terminals

Design	Order no.	Page
		57

Berker S.1

white glossy	5101 89 82	10
polar white glossy	5101 89 89	10
polar white matt	5101 99 09	10



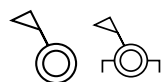
Push-button/pilot lamp E10

Rated voltage	250 V~
Momentary-contact current	2 A
Incandescent lamp power	max. 2 W

- for illumination and monitoring circuit
- with screw terminals

Suitable for	Order no.	Page
Cover for push-button/pilot lamp E10	128 ..	56
Cover for push-button/pilot lamp E10	1247 00 04	57
Knob for push-button/pilot lamp E10	1279 ..	57
Neon lamp E10	1601	57
LED lamp E10	1678 ..	57

Design	Order no.	Page
Push-button/pilot lamp E10, NO contact	5101	10
Push-button/pilot lamp E10, NO contact, 2 separate signal contacts	5101 10	10





Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.2 mm – centre plate for plug-in fixing

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact	5101 ..	55
Order no.		PU

Design

Berker S.1 | B.3 | B.7

white glossy	1124 89 82	10
polar white glossy	1124 89 89	10
polar white matt	1124 19 09	10
anthracite matt	1124 16 06	10
aluminium matt, lacquered	1124 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1124 60 82	10
polar white velvety	1124 60 89	10
anthracite velvety, lacquered	1124 60 86	10
aluminium velvety, lacquered	1124 60 84	10

Berker K.1 | K.5

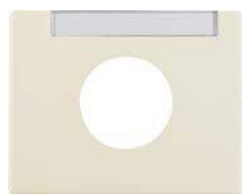
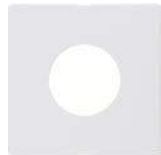
polar white glossy	1165 70 09	10
anthracite matt, lacquered	1165 70 06	10
aluminium matt, lacquered	1165 70 03	10
stainless steel matt, lacquered	1165 70 04	10

Berker arsys

light bronze matt, aluminium lacquered	1165 01 01	10
stainless steel, metal matt finish	1165 01 04	10
gold matt, aluminium anodised	1165 01 02	10

Berker R.1 | R.3 | R.8

polar white glossy	1124 20 89	10
black glossy	1124 20 45	10



Centre plate for push-button/pilot lamp E10

- labelling field

– centre plate for plug-in fixing



Cut-out Ø 27.2 mm

For push-buttons and covers, see "Supplementary products".

For push-buttons with hinged covers, use hinged cover, order no. 1140..

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
--------	-----------	----

Berker arsys

white glossy	1165 00 02	10
polar white glossy	1165 00 69	10
brown glossy	1165 00 01	10



Cover for push-button/pilot lamp E10

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact	5101 ..	55
Surface-mounted push-button/pilot lamp E10, 5100 40 NO contact		675

Design	Order no.	PU
--------	-----------	----

clear, transparent	1280	10
red, transparent	1281	10
yellow, transparent	1282	10
green, transparent	1283	10



Cover for push-button/pilot lamp E10

The mirror image texts on the rear only become visible when the signal is illuminated.

With 10 labelling fields: "Bitte warten", "Bitte eintreten", "Nicht eintreten", "Bitte Ruhe", "Der Nächste bitte", "Aufzug kommt", symbol arrow, "Besetzt", 2x neutral.

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact	5101 ..	55

Design	Order no.	PU
Berker arslys		
clear	1247 00 04	10



Knob for push-button/pilot lamp E10

Push-button head Ø 26.5 mm

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact	5101 ..	55
Surface-mounted push-button/pilot lamp E10, 5100 40 NO contact		675

Design	Order no.	PU
clear, transparent	1279 02	10
red, transparent	1279	10
green, transparent	1279 03	10



LED lamp E10

Operating voltage 230 V~/= – for push-button and pilot lamp E10
 Rated current 4 mA – very long LED lifetime

Operating temperature -40 ... +70 °C
 Service life¹ of LED white/coloured ≈ 20000/50000 h

¹ Typ. up to approx. 50 % of the output brightness

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact	5101 ..	55
Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	515
Surface-mounted push-button/pilot lamp E10, 5100 40 NO contact		675

Design	Order no.	PU
white	1678	10
red	1678 01	10
yellow	1678 02	10
green	1678 03	10
blue	1678 04	10



Neon lamp E10

Operating voltage 230 V~ – for push-button and pilot lamp E10
 Rated current 1.35 mA

Suitable for	Order no.	Page
Push-button complete for stairway light		page 167
Push-button/pilot lamp E10, NO contact	5101 ..	55
Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	515
Surface-mounted push-button/pilot lamp E10, 5100 40 NO contact		675

Design	Order no.	PU
clear, transparent	1601	100



Pilot lamp E14

Rated voltage 250 V~ – with screw terminals
 Incandescent lamp power max. 3 W
 Long lamp base max. 23.5 mm

Suitable for	Order no.	Page
Cover for pilot lamp E14		page 58
Incandescent lamp E14	1610 ..	59
LED lamp E14	1679 ..	58



Design	Order no.	PU
Pilot lamp E14	5131 02	10



Centre plate for pilot lamp E14

For LEDs, incandescent lamps and covers see "Supplementary products".

Design

Suitable for
Pilot lamp E14

Order no.
5131 02

Page
57

Berker S.1 | B.3 | B.7

Design	Order no.	PU
white glossy	1198 89 82	10
polar white glossy	1198 89 89	10
polar white matt	1198 19 09	10
anthracite matt	1198 16 06	10
aluminium matt, lacquered	1198 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1198 60 82	10
polar white velvety	1198 60 89	10
anthracite velvety, lacquered	1198 60 86	10
aluminium velvety, lacquered	1198 60 84	10

Berker K.1 | K.5

polar white glossy	1167 70 09	10
anthracite matt, lacquered	1167 70 06	10
aluminium matt, lacquered	1167 70 03	10
stainless steel matt, lacquered	1167 70 04	10

Berker arsys

white glossy	1167 00 02	10
polar white glossy	1167 00 69	10
brown glossy	1167 00 01	10
light bronze matt, lacquered	1167 90 11	10
stainless steel matt, lacquered	1167 90 04	10

Berker R.1 | R.3 | R.8

polar white glossy	1198 20 89	10
black glossy	1198 20 45	10



Cover for pilot lamp E14



Design

Suitable for
Pilot lamp E14
Pilot lamp E14 surface-mounted

Order no.
5131 02
5130 40

Page
57
675

Design	Order no.	PU
clear, transparent, flat	1220	10
clear, transparent, high	1230	10
red, transparent, high	1231	10
green, transparent, high	1232	10

LED lamp E14

Operating voltage 230 V~/= – for light signal with flat and high cover
Rated current 4.2 mA – very long LED lifetime

Operating temperature -40 ... +70 °C
Service life¹ of LED white/coloured ≈ 20000/50000 h

¹ Typ. up to approx. 50 % of the output brightness

Suitable for
Pilot lamp E14
Pilot lamp E14 surface-mounted
Pilot lamp E14 surface-mounted

Order no.
5131 02
5152
5130 40

Page
57
666
675

Design	Order no.	PU
white	1679	10
red	1679 01	10
yellow	1679 02	10
green	1679 03	10
blue	1679 04	10





Incandescent lamp E14

Operating voltage	230 V~	Suitable for	Order no.	Page
Power	3 W	Pilot lamp E14	5131 02	57
		Pilot lamp E14 surface-mounted	5152	666
		Pilot lamp E14 surface-mounted	5130 40	675
Design		Order no.		PU
clear, transparent, for pilot lamp with flat cover		1610 03		100
clear, transparent, for pilot lamp with high cover		1610 13		100


Supplementary products

		LED unit with N terminal	Glow lamp unit with N-terminal	LED unit with N terminal	Neon lamp unit with N terminal	Neon lamp unit with N terminal for pullcord switch	Neon lamp unit 230 V~	Series LED-unit with N terminal	Neon lamp unit 400 V~	
		1687	1676 6 V 1676 02 12 V 1676 01 24 V 1676 03 48 V	1686 1 mA 1686 01 0.4 mA	1675 1 mA 1675 04 0.4 mA	1605 10 1 mA 1605 14 0.4 mA	1600 02	1680	1600	
Description	Order no.	12 ... 48 V	6 ... 48 V	230 V~						400 V~
Rocker switches										
Change-over switch	3016 40 3036 3036 50	■	■	■	■					
Intermediate switch	3037	■	■	■	■					
Multi-pole rocker switches										
On/off switch 2pole 10 AX	3012 40 3032	■	■	■	■					
On/off switch 2pole 16 AX	3032 12						■			
On/off switch, 3pole	3033 03								■	
Rocker switch, 2gang										
Series switch	3035 3035 50	■ 1)	■ 1)		■ 1)			■		
Double change-over switch	3038 08						■ 1)			
Rocker push-buttons										
Push-button, NO contact	5031 5031 50	■	■	■	■					
Push-button, change-over contact	5006 99 40 5036	■	■	■	■					
Push-button, NO contact, 2 separate signal contacts	5031 01	■	■	■	■					
Push-button, NO contact + NC contact	5032 03	■	■	■	■					
Series push-button										
Series push-button, 2 NO contacts	5035 5035 03	■ 1)	■ 1)		■ 1)					
Series push-button, 1 NO contact + 1 NC contact	5035 01	■ 1)	■ 1)		■ 1)					
Series push-button 2 change-overs	5038 08						■ 1)			
Group series push-button, 4 NO contacts	5034 04						■ 1)			
Pullcord switches										
Pullcord switch off/change-over	3966					■				
Pullcord push-button										
Pullcord push-button, change-over contact with separate signal contact	3956 19		■		■					
Switches for heating applications										
Control change-over switch with imprint "Heizung Notschalter" surface-mounted	3566 05	■	■	■	■					
Control on/off switch 2pole with imprint "Heizung Notschalter" and "0" surface-mounted	3562 05	■	■	■	■					
Push-button for hotel card										
Push-button for hotel card, NO contact	5051 02	■	■	■	■					
Push-button for hotel card, change-over	5056 01	■	■	■	■					
Push-button for hotel card, NO contact, 2 separate signal contacts	5051 03	■	■	■	■					
Push-button for hotel card, NO contact + NC contact	5052 01	■	■	■	■					

Suitable for degree of protection IP44

¹⁾ Only single lighting possible

Glow and neon lamp units

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Glow lamp unit with N-terminal

▶ 870



Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for series switch illuminated

Design	Order no.	PU
brown, 6 V, 35 mA	1676	10
yellow, 12 V, 65 mA	1676 02	10
green, 24 V, 35 mA	1676 01	10
red, 48 V, 25 mA	1676 03	10



Neon lamp unit with N terminal

▶ 870



Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for series switch illuminated

Design	Order no.	PU
grey, 230 V~, 1 mA	1675	10
orange, 230 V~, 0.4 mA	1675 04	10



Neon lamp unit with N terminal

▶ 870



Not suitable for water-protected installations with IP44 degree of protection.

Suitable for push-button and pullcord switches, rocker switches and rocker push-buttons for the years 1985 to 1995.

Not suitable for water-protected, flush-mounted installation IP44.

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for pullcord switch

Design	Order no.	PU
grey, 230 V~, 1 mA	1605 10	10
orange, 230 V~, 0.4 mA	1605 14	10



Neon lamp unit for switches/push-buttons

▶ 871



When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Switch a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- with neon lamp unit
- for on/off switch, 2-pole, 16 AX
- for rockers switches double change-over
- for rockers push-buttons double change-over

Design	Order no.	PU
grey, 230 V~, 0.9 mA	1600 02	10



Neon lamp unit for on/off switch 3pole

▶ 871



Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit

Design	Order no.	PU
clear, transparent, 400 V~, 0.5 mA	1600	10

LED units

- low storage and logistics costs by reduction to only three variants
- long service life of the LED

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



LED unit 230 V, for switches/push-buttons

Service life of the LED ≈ 100000 h

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

When several LED units are used, the LED current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 μ F per 10 mA LED current) in parallel with the coil.

Refer to the overview for the matching flush-mounted inserts.

- also for waterproof installation of switches and push-buttons
- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for series switch illuminated

Design	Order no.	PU
white, 230 V~, 1 mA	1686	10
black, 230 V~, 0.4 mA	1686 01	10



LED unit for switches/push-buttons

Service life of the LED ≈ 100000 h

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Connection to direct voltage within the specified voltage range, ensuring the correct polarity.

Refer to the overview for the matching flush-mounted inserts.

- also for waterproof installation of switches and push-buttons
- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for series switch illuminated

Design	Order no.	PU
blue, 12 ... 48 V AC/DC, 0.2 ... 0.9 mA	1687	10



LED unit with N terminal for series switch

Not suitable for installation in surface-mounted housing.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- for control circuit per series
- with screw terminal

Design	Order no.	PU
black, 230 V~, 0.9 mA each	1680	1

Lock cylinders



Lock cylinder

length 40 mm

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.

With 5 tumblers to according to DIN 18252

- for switches/push-buttons for lock cylinders
- for change-over switches/push-buttons for lock cylinders
- with 3 keys

Design	Order no.	Page
with differing closures		
Lock cylinder	1818	1
with same closures		
Lock cylinder	1818 01	1

Suitable for Change-over switch 2pole for lock cylinders Order no. 3826 10 Page 33

Hotel applications



Relay switch with centre plate for hotel card

▶ 881

Rated voltage	230 V~ +10/-15 %	- with potentiometer for incremental adjustment of delay time
Frequency	50/60 Hz	- for illumination
Switching current	10 A	- illuminated with blue LED if hotel card is not inserted
Power consumption	< 0.2 W	- with potential-free contact
Inductive load at cos φ = 0.6	max. 6 A	- with screw-in lift terminals
230 V incandescent lamps and halogen lamps	1500 W	
Conventional transformers	1500 VA	
Electronic transformers	1500 W	
Fluorescent lamps:		
- in Duo circuit	1500 W	
Compact fluorescent lamps	500 W	
Delay time incrementally adjustable	0, 15, 30, 60 s	
Card thickness	0.8 ... 1.2 mm	
Card width	max. 55 mm	
Operating temperature	-5 ... +50 °C	
Screw terminals (max.)	2 x 2.5 mm ²	
Installation depth	32 mm	

Not suitable for installation in surface-mounted housing.

Design Order no. PU

Berker S.1 | B.3 | B.7

white glossy	1640 89 92	1
polar white glossy	1640 89 99	1
polar white matt	1640 99 09	1
anthracite matt	1640 99 06	1
aluminium matt, lacquered	1640 89 84	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1640 60 92	1
polar white velvety	1640 60 99	1
anthracite velvety, lacquered	1640 60 96	1
aluminium velvety lacquered	1640 60 94	1

Berker K.1 | K.5

polar white glossy	1641 71 19	1
anthracite matt	1641 71 16	1
aluminium matt, lacquered	1641 71 34	1
stainless steel matt, lacquered	1641 71 14	1

Berker R.1 | R.3 | R.8

black glossy	1640 20 45	1
polar white glossy	1640 20 89	1



Push-button for hotel card

- spreader claws, insulated to the supporting ring, self-resetting
- connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²



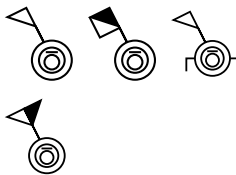
Push-button for hotel card

Rated voltage 250 V~ – for illumination and monitoring circuit
 Momentary-contact current 2 A – with plug-in terminals

10 A design on request.

Suitable for optional

Order no.	Page
Neon lamp unit with N terminal	1675 .. 61
Glow lamp unit with N-terminal	1676 .. 61
LED unit 230 V, for switches/push-buttons	1686 .. 20
LED unit for switches/push-buttons	1687 62



Design	Order no.	PU
Push-button, NO contact for hotel card	5051 02	10
Push-button, change-over contact for hotel card	5056 01	10
Push-button, NO contact for hotel card, 2 separate signal contacts	5051 03	10
Push-button, NC contact + NO contact for hotel card, isolated input terminals	5052 01	10



Centre plate with imprint for push-button for hotel card

- red lens



Card thickness 0.5 ... 1.4 mm
 Card width max. 54 mm

Other imprint on request!

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1640 89 82	10
polar white glossy	1640 89 89	10
polar white matt	1640 19 09	10
anthracite matt	1640 16 06	10
aluminium matt, lacquered	1640 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety ¹⁾	1640 60 82	10
polar white velvety ¹⁾	1640 60 89	10
anthracite velvety, lacquered ¹⁾	1640 60 86	10
aluminium velvety lacquered ¹⁾	1640 60 84	10
Berker K.1 K.5		
polar white glossy	1641 71 09	10
anthracite matt, lacquered	1641 71 06	10
aluminium matt, lacquered	1641 71 03	10
stainless steel matt, lacquered	1641 71 04	10
Berker arsys		
white glossy	1641 00 02	10
polar white glossy	1641 00 69	10
brown glossy	1641 00 01	10
light bronze matt, lacquered	1641 90 11	10
stainless steel matt, lacquered	1641 90 04	10

¹⁾ with orange lens

Signalisation of hotel room status



LED signal light, red/green lighting

▶ 875

Rated voltage	230 V~	– switchable between red and green via separate switches
Frequency	50/60 Hz	
Power consumption	at 230 V~, 50 Hz - per colour max. 0.5 W	– two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied
Conductor cross-section	2.5 mm ²	– for signalling of e.g. access control
Quantity LED lamps	4	
Ambient temperature	-5 ... +40 °C	

For installation in standard wall boxes according to DIN 49073-1

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	2952 89 82	1
polar white glossy	2952 89 89	1
polar white matt	2952 19 09	1
anthracite matt	2952 16 06	1
aluminium matt, lacquered	2952 14 04	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	2952 60 82	1
polar white velvety	2952 60 89	1
anthracite velvety lacquered	2952 60 86	1
aluminium velvety, lacquered	2952 60 84	1
Berker K.1 K.5		
polar white glossy	2952 70 09	1
anthracite matt	2952 70 06	1
aluminium matt, lacquered	2952 70 03	1
stainless steel matt, lacquered	2952 70 04	1
Berker R.1 R.3 R.8		
polar white glossy	2952 20 89	1
black glossy	2952 20 45	1



Foil bi-colour for LED signal light

The imprinted symbol is not visible in switched off state of the signal light.
Inserts will only reach the degree of protection IP55 if mounted with a housing surface mounted or frame for flush-mounted installation.

– also for surface-mounted wet-room installation: LED signal light inserts

Design	Order no.	Page
with imprinted symbol for Do not disturb/Make up room	1905 80 11	54



Foil bi-colour for round LED signal light

The imprinted symbol is not visible in switched off state of the signal light.
Inserts will only reach the degree of protection IP55 if mounted with a housing surface mounted or frame for flush-mounted installation.

– also for surface-mounted wet-room installation: LED signal light inserts

Design	Order no.	Page
with imprinted symbol for Do not disturb/Make up room	1905 80 13	55



Push-button, change-over

Momentary-contact current

- 10 A – for illumination and monitoring circuit
- change-over contact, usable as NC or NO
- with plug-in terminals



Design	Order no.	PU
Push-button, change-over	5036	10



Blind series switch 1 pole

Rated voltage
Switching current

- 250 V~ – with mechanical and electrical interlocking to prevent mutual switch on
- 10 A – with plug-in terminals

Follow the motor manufacturers' instructions.



Design	Order no.	PU
Blind series switch 1 pole	3035 20	10

Accessible construction

Rocker switches/rocker push-buttons

- spreader claws, insulated to the supporting ring, self-resetting
- connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²
- switching angle 3.5°



Change-over/intermediate switch

Rated voltage
Switching current

- 250 V~ – for illumination and monitoring circuit
- 10 AX – with plug-in terminals

▶ 870

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	61
Glow lamp unit with N-terminal	1676 ..	61
LED unit 230 V, for switches/push-buttons	168 ..	20

Design	Order no.	PU
Change-over switch	3036	10
Change-over switch for installation in hollow walls ¹⁾	3036 50	10
Intermediate switch	3037	10

¹⁾ low installation depth, without spreader claws



Push-button

Rated voltage
Momentary-contact current

- 250 V~ – for illumination and monitoring circuit
- 10 A – with plug-in terminals

▶ 872

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	61
Glow lamp unit with N-terminal	1676 ..	61
LED unit 230 V, for switches/push-buttons	1686 ..	20
LED unit for switches/push-buttons	1687	62

Design	Order no.	PU
Push-button, NO contact	5031	10
Push-button, NO contact for installation in hollow walls ¹⁾	5031 50	10
Push-button, change-over	5036	10
Push-button, NO contact, 2 separate signal contacts	5031 01	10
Push-button, NC contact + NO contact, isolated input terminals	5032 03	10

¹⁾ low installation depth, without spreader claws

Rockers for accessible construction

- for rockers with lenses, the IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit.
- for the matching contrast frame for visual highlighting, refer to the appropriate Design line.
- SCHUKO socket outlet with tactile symbol (see corresponding design line)



The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

Rocker for barrier-free construction

- **guide for mouth rod** - for illumination and monitoring circuit
- **lens**



Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

Design

Order no.

PU

Berker S.1 | B.3 | B.7

polar white matt

1661 19 49

10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety ¹⁾

1661 60 42

10

polar white velvety ¹⁾

1661 60 49

10

Berker K.1 | K.5

polar white glossy

1661 71 09

10

Berker R.1 | R.3 | R.8

polar white glossy ²⁾

1661 20 49

10

¹⁾ only orange and clear lenses enclosed

²⁾ with clear lens only

Rocker for barrier-free construction

- **tactile light symbol** - for illumination and monitoring circuit
- **red lens**



Design

Order no.

PU

Berker S.1 | B.3 | B.7

polar white matt

1651 19 49

10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety ¹⁾

1651 60 42



10

polar white velvety ¹⁾

1651 60 49

10








	Design	Order no.	PU
	Berker K.1 K.5 polar white glossy	1651 71 09	10
	Berker R.1 R.3 R.8 polar white glossy ²⁾	1651 20 49	10

¹⁾ with orange lens
²⁾ with clear lens

Rocker for barrier-free construction

- tactile bell symbol
- red lens






	Design	Order no.	PU
	Berker S.1 B.3 B.7 polar white matt	1651 19 59	10
	Berker Q.1 Q.3 Q.7 Q.9 white velvety ¹⁾	1651 60 52	10
	polar white velvety ¹⁾	1651 60 59	10
	Berker K.1 K.5 polar white glossy	1651 72 09	10
	Berker R.1 R.3 R.8 polar white glossy ²⁾	1651 20 89	10

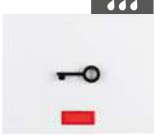

¹⁾ with orange lens
²⁾ with clear lens

Rocker for barrier-free construction

- tactile symbol for door opener
- red lens




	Design	Order no.	PU
	Berker S.1 B.3 B.7 polar white matt	1651 19 69	10
	Berker Q.1 Q.3 Q.7 Q.9 white velvety ¹⁾	1651 60 62	10
	polar white velvety ¹⁾	1651 60 69	10

	Design	Order no.	PU
	Berker K.1 K.5 polar white glossy	1651 73 09	10
	Design	Order no.	PU
	Berker R.1 R.3 R.8 polar white glossy ²⁾	1651 20 69	10

¹⁾ with orange lens
²⁾ with clear lens

Push-buttons 42 V



42 V push-button, NO contact AP with cover plate flush-mounted


Rated voltage 42 V~ – with screw terminals
Momentary-contact current 1 A
Dimensions (L x W) 80 x 80 mm

Suitable for 42 V frame with clamping ring surface-mounted
Order no. 9 1032 0 ..
Page 69

Only for Germany

For the special installation conditions in the new federal states.


	Design	Order no.	PU
	white	9 3671 12	10
	polar white	9 3671 19	10



42 V push-button, NO contact surface-mounted

Rated voltage 42 V~ – with screw terminals
Momentary-contact current 1 A

	Design	Order no.	PU
	white	9 3671 22	10



42 V frame with clamping ring surface-mounted

Dimensions (L x W x H) 80 x 80 x 15 mm – with cable and duct entry
Installation depth 33.5 mm

Suitable for 42 V push-button, NO contact AP with cover plate flush-mounted
Order no. 9 3671 1 ..
Page 69

Only for Germany

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

	Design	Order no.	PU
	white	9 1032 02	10
	polar white	9 1032 09	10

Motion detectors

Forget fumbling in the dark for the light switch! A motion detector switches the light on automatically when motion is detected on the staircase or in front of the house door. This is not only convenient, but also deters unwanted visitors. Presence detectors can do even more: they respond to the presence or absence of a person as well as incidence of daylight, and control the lighting accordingly. In office buildings or even hotels, these can also help to save energy.



02

Page

Electronics platform	72
Motion detector compact	77
Presence detectors	78
Surface-mounted/built-in motion detectors	80

Electronics platform

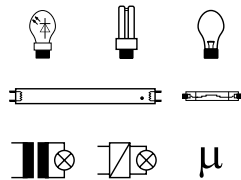
Inserts



Relay insert

▶ 896

Operating voltage	230 V~	– low intrinsic energy requirement
Frequency	50/60 Hz	– also usable as push-button relay switch
Minimum contact load	≈ 15 W	– with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
230 V LED lamps	440 W	– no conductive connection between supporting ring and spreading claws
Dimmable energy-saving lamps	440 W	– with screw terminals
230 V incandescent lamps and halogen lamps	2300 W	
Fluorescent lamps:		
- uncompensated	1100 VA	
- parallel compensated	1000 W /130 µF	
- in Duo circuit	1000 W	
- with electronic ballast (EB)	1000 W	
Compact fluorescent lamps with electronic ballast	22 x 20 W	
Dimmable conventional transformers	1500 VA	
Electronic transformers and dual-mode transformers	1500 W	
Number of substations	unlimited	
Operating temperature	-5 ... +45 °C	
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Claw guidance installation depth	32 mm	



Not suitable for installation in surface-mounted housing.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



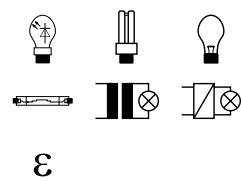
Design	Order no.	PU
Relay insert	8512 12 00	1



Switch insert 1gang

▶ 896

Operating voltage	230 V~	– low intrinsic energy requirement
Frequency	50/60 Hz	– optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
Dimmable 230 V LED lamps	5 ... 70 W	– automatic setting of load-dependent switching principle (autoDetect process)
Dimmable energy-saving lamps	13 ... 80 W	– bulb-preserving soft startup
230 V incandescent lamps and halogen lamps	25 ... 400 W	– with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Dimmable conventional transformers	25 ... 400 VA	– short-circuit and overload proof (electronic fuse)
Electronic transformers and dual-mode transformers	25 ... 400 W	– no conductive connection between supporting ring and spreading claws
Number of substations	unlimited	– with screw terminals
Operating temperature	-5 ... +45 °C	
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Installation depth	32 mm	



Only suitable for operation with dimmable loads!

Caution!
Only connect **dimmable** 230 V ESL or LED lamps.
Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

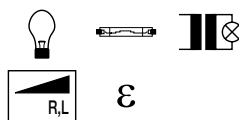


Design	Order no.	PU
Switch insert 1gang	8512 11 00	1



Touch dimmer (R, L)

▶ 896



Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- phase cut-on
- bulb-preserving soft startup
- switch-on brightness level can be stored safe after power failure
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

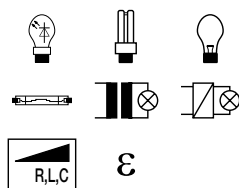


Design	Order no.	PU
Touch dimmer (R, L)	8542 11 00	1



Universal touch dimmer 1gang

▶ 896



Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
Dimmable 230 V LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting of load-dependent switching principle (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Universal touch dimmer 1gang	8542 12 00	1



Extension unit for motion detector

▶ 896



Operating voltage	230 V~
Frequency	50/60 Hz
Number of motion detector extension units	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Design	Order no.	PU
Extension unit for motion detector	8532 01 00	1

Motion detector covers



IR motion detector comfort 1.1 m

Nominal mounting height	1.1 m	– low intrinsic energy requirement
Detection field, rectangular shaped	≈ 12 x 16 m	– with button for on/off/automatic
Range, frontal	≈ 12 m	– LED application module/insert compatibility display
Range, side	each ≈ 8 m	– with operation and status LED, red/green/orange
Delay time, adjustable	≈ 10 s ... 30 min	– with memory function for presence simulation
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– party function for switching on for 2 hours
Short time mode immunity time	200 ms ≈ 10 s	– teach function for response brightness via button
Operating temperature	-5 ... +45 °C	– with keylock
Assembling height	34 mm	– step operation with immunity time (e.g. for stair light/ impact current circuits)
		– μ-processor controlled mode of operation
		– with anti-dismantling protection

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the motion detector.
Only suitable for indoor areas!

Suitable for Inserts Order no. Page page 72

Design Order no. PU

Berker S.1 | B.3 | B.7

white glossy	8534 12 82	1
polar white glossy	8534 12 89	1
polar white matt	8534 12 88	1
anthracite matt	8534 12 85	1
aluminium matt, lacquered	8534 12 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8534 12 22	1
polar white velvety	8534 12 29	1
anthracite velvety, lacquered	8534 12 26	1
aluminium velvety, lacquered	8534 12 24	1

Berker K.1 | K.5

polar white glossy	8534 12 79	1
anthracite matt, lacquered	8534 12 75	1
aluminium, matt, lacquered	8534 12 77	1
stainless steel matt, lacquered	8534 12 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8534 12 39	1
black glossy ¹⁾	8534 12 31	1

¹⁾ no dismantling protection possible



IR motion detector comfort 2.2 m

Nominal mounting height	2.2 m	– low intrinsic energy requirement
Detection field, rectangular shaped	≈ 8 x 12 m	– with button for on/off/automatic
Range, frontal	≈ 8 m	– LED application module/insert compatibility display
Range, side	each ≈ 6 m	– with operation and status LED, red/green/orange
Delay time, adjustable	≈ 10 s ... 30 min	– with memory function for presence simulation
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– party function for switching on for 2 hours
Short time mode immunity time	200 ms ≈ 10 s	– teach function for response brightness via button
Operating temperature	-5 ... +45 °C	– with keylock
Assembling height	34 mm	– step operation with immunity time (e.g. for stair light/ impact current circuits)
		– μ-processor controlled mode of operation
		– with anti-dismantling protection

Only suitable for indoor areas!

Suitable for Inserts Order no. Page page 72

Design Order no. PU

Berker S.1 | B.3 | B.7

white glossy	8534 22 82	1
polar white glossy	8534 22 89	1
polar white matt	8534 22 88	1
anthracite matt	8534 22 85	1
aluminium matt, lacquered	8534 22 83	1



Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8534 22 22	1
polar white velvety	8534 22 29	1
anthracite velvety, lacquered	8534 22 26	1
aluminium velvety, lacquered	8534 22 24	1



Berker K.1 | K.5

polar white glossy	8534 22 79	1
anthracite matt, lacquered	8534 22 75	1
aluminium, matt, lacquered	8534 22 77	1
stainless steel matt lacquered	8534 22 73	1



Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8534 22 39	1
black glossy ¹⁾	8534 22 31	1

¹⁾no dismantling protection possible



Motion detector 1.1 m

▶ 896

Nominal mounting height	1.1 m	– low intrinsic energy requirement
Detection field, rectangular shaped	≈ 12 x 16 m	– with button for on/off/automatic
Range, frontal	≈ 12 m	– LED application module/insert compatibility display
Range, side	each ≈ 8 m	– with operation and status LED, red/green/orange
Delay time	≈ 180 s	– with memory function for presence simulation
Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)		– party function for switching on for 2 hours
Operating temperature	-5 ... +45 °C	– teach function for response brightness via button
Assembling height	34 mm	– with keylock
		– μ-processor controlled mode of operation
		– with anti-dismantling protection

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the motion detector.
Only suitable for indoor areas!

Suitable for Inserts	Order no.	Page page 72
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Design	Order no.	PU
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Berker S.1 | B.3 | B.7

white glossy	8534 11 82	1
polar white glossy	8534 11 89	1
polar white matt	8534 11 88	1
anthracite matt	8534 11 85	1
aluminium matt, lacquered	8534 11 83	1



Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8534 11 22	1
polar white velvety	8534 11 29	1
anthracite velvety, lacquered	8534 11 26	1
aluminium velvety, lacquered	8534 11 24	1



Berker K.1 | K.5

polar white glossy	8534 11 79	1
anthracite matt, lacquered	8534 11 75	1
aluminium, matt, lacquered	8534 11 77	1
stainless steel matt, lacquered	8534 11 73	1



Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8534 11 39	1
black glossy ¹⁾	8534 11 31	1

¹⁾no dismantling protection possible



Motion detector 2.2 m

Nominal mounting height	2.2 m	– low intrinsic energy requirement
Detection field, rectangular shaped	≈ 8 x 12 m	– with button for on/off/automatic
Range, frontal	≈ 8 m	– LED application module/insert compatibility display
Range, side	each ≈ 6 m	– with operation and status LED, red/green/orange
Delay time	≈ 180 s	– with memory function for presence simulation
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– party function for switching on for 2 hours
Operating temperature	-5 ... +45 °C	– teach function for response brightness via button
Assembling height	34 mm	– with keylock
		– μ-processor controlled mode of operation
		– with anti-dismantling protection

▶ 896

Only suitable for indoor areas!

Suitable for Inserts Order no. Page page 72

Design

Order no.

PU

Berker S.1 | B.3 | B.7

white glossy	8534 21 82	1
polar white glossy	8534 21 89	1
polar white matt	8534 21 88	1
anthracite matt	8534 21 85	1
aluminium matt, lacquered	8534 21 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8534 21 22	1
polar white velvety	8534 21 29	1
anthracite velvety, lacquered	8534 21 26	1
aluminium velvety, lacquered	8534 21 24	1

Berker K.1 | K.5

polar white glossy	8534 21 79	1
anthracite matt, lacquered	8534 21 75	1
aluminium, matt, lacquered	8534 21 77	1
stainless steel matt lacquered	8534 21 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8534 21 39	1
black glossy ¹⁾	8534 21 31	1

¹⁾ no dismantling protection possible



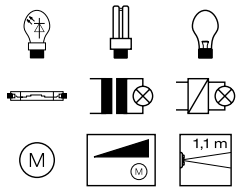
Motion detector compact



Motion detector 1.1 m

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 300 mW
Motor switching current at $\cos \phi = 0.6$	max. 1 A
Dimmable 230 V LED lamps	8 ... 40 W
230 V incandescent lamps and halogen lamps	25 ... 200 W
Dimmable conventional transformers	25 ... 150 VA
dimmmable electronic transformers and bi-mode transformers	25 ... 150 W
Compact fluorescent lamps	12 ... 48 W
Nominal mounting height	1.1 m
Detection angle	180°
Detection field, semi-oval shaped	≈ 10 x 12 m
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Delay time	≈ 3 min
Lockout time	2 s
Operating temperature	-5 ... +45 °C
Screw terminals (max.)	2 x 1.5 ... 2.5 mm ²
Installation depth	32 mm

- with red status LED
- with 2 potentiometers for fine adjustment of response brightness and sensitivity
- can only be used as a single unit
- with switch-off pre-warning (can be deactivated)
- not suitable for the installation of stair light switches
- short-circuit and overload proof (electronic fuse)
- overheating protection (display using LEDs)
- with button for on/off/automatic



Suitable for	Order no.	Page
Cover for motion detector compact 1.1m	1190 ..	78

Only suitable for indoor areas!
Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.



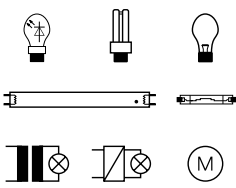
Design	Order no.	PU
Motion detector 1.1 m	2995	1



Motion detector with neutral conductor connection 1.1m

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 350 mW
Motor switching current at $\cos \phi = 0.6$	max. 1 A
230 V LED lamps	max. 350 W
230 V incandescent lamps and halogen lamps	max. 1000 W
Conventional transformers	max. 1000 VA
Electronic transformers and dual-mode transformers	max. 1000 W
Fluorescent lamps	max. 200 VA
Compact fluorescent lamps	max. 350 W
Nominal mounting height	1.1 m
Detection angle	180°
Detection field, semi-oval shaped	≈ 10 x 12 m
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Delay time	≈ 3 min
Lockout time	2 s
Operating temperature	-5 ... +45 °C
Screw terminals (max.)	2 x 1.5 ... 2.5 mm ²
Installation depth	32 mm

- with red status LED
- with 2 potentiometers for fine adjustment of response brightness and sensitivity
- can only be used as a single unit
- with switch-off pre-warning (can be deactivated)
- not suitable for the installation of stair light switches
- short-circuit and overload proof (electronic fuse)
- overheating protection (display using LEDs)
- with button for on/off/automatic



Suitable for	Order no.	Page
Cover for motion detector compact 1.1m	1190 ..	78

Only suitable for indoor areas!
Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.



Design	Order no.	PU
Motion detector with neutral conductor connection 1.1m	2996	1



Cover for motion detector compact 1.1m

– with fixing element

Design

Berker S.1 | B.3 | B.7

Suitable for	Order no.	Page
Motion detector 1.1 m	2995	77
Motion detector with neutral conductor connection 1.1m	2996	77
Order no.		PU

white glossy	1190 89 82	10
polar white glossy	1190 89 89	10
polar white matt	1190 19 09	10
anthracite matt	1190 16 06	10
aluminium matt, lacquered	1190 14 04	10

Presence detectors

IR presence detectors

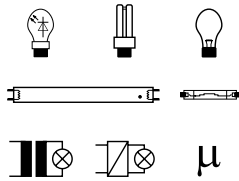


IR presence detector

▶ 882

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (operation)	≈ 2.4 VA
230 V LED lamps	20 x 20 W
Energy-saving lamps	20 x 20 W
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1500 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- parallel compensated	1000 VA
Recommended installation height	≈ 2.5 ... 3.5 m
Detection angle	360°
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Delay time, adjustable	≈ 1 min ... 1 h
Operating temperature	-10 ... +60 °C
Dimensions (Ø x H)	78 x 70 mm
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm

- operating modes: semiautomatic, automatic, teach-in, day, corridor, office, test mode
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- can only be used as a single unit
- with potentiometers for setting the response brightness and delay time without dismantling
- with red and green acknowledge/receive LED
- on push-button (NO), extension units can be switched on and off by retriggering
- with spring clips for ceiling installation
- with screw terminals



Suitable for optional	Order no.	Page
IR hand-held transmitter for presence detector	7590 40 01	79
IR configuration hand-held transmitter for presence detector	7590 40 02	80
Surface-mounted housing for IR presence detector	1701 05	79

IP41

The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.
Application areas e.g. office buildings, schools, hotels and nursing homes.

IEC 60669-2-1

Connection terminals according to IEC 60669-1



Design	Order no.	PU
polar white matt	1701 06	1



IP41

DALI IR presence detector

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption	≈ 60 mW
Recommended installation height	≈ 2.5 ... 3.5 m
Detection angle	360°
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Delay time, adjustable	≈ 1 min ... 1 h
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-10 ... +60 °C
Dimensions (Ø x H)	78 x 70 mm
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm

- ▶ 882
- operating modes: semiautomatic, automatic, teach-in, day, corridor, office, test mode
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- can only be used as a single unit
- with potentiometers for setting the response brightness and delay time without dismantling
- storing 4 individual switch-on brightness values with hand-held transmitter
- with red and green acknowledge/receive LED
- integrated DALI/DSI output (broadcast) for switching/controlling 24 DALI/DSI electronic ballasts
- on push-button (NO), extension units can be switched on and off by retriggering
- with spring clips for ceiling installation
- with screw terminals

The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.
Application areas e.g. office buildings, schools, hotels and nursing homes.
IEC 60669-2-1
Connection terminals according to IEC 60669-1

Suitable for optional	Order no.	Page
IR hand-held transmitter for presence detector	7590 40 01	79
IR configuration hand-held transmitter for presence detector	7590 40 02	80
Surface-mounted housing for IR presence detector	1701 05	79



Design	Order no.	PU
polar white matt	1701 07	1



Surface-mounted housing for IR presence detector

Dimensions (Ø x H)	75 x 67 mm
--------------------	------------

- ▶ 882
- also for KNX applications - KNX IR presence detector
- with cable entry

Suitable for	Order no.	Page
IR presence detector	1701 06	78
DALI IR presence detector	1701 07	79

Design	Order no.	PU
polar white matt	1701 05	1



IP30

IR hand-held transmitter for presence detector

Battery service life [years]	≈ 3.5
Dimensions (L x W x H)	120 x 70 x 10 mm

- ▶ 882
- also for KNX applications - KNX IR presence detector
- additional acknowledgement LED for displaying the IR transmission
- with 4 function buttons (calling up/saving light scene)
- with green "on" and red "off" button (on/off, dimmer function)
- RC6 code

Scope of functions dependent on the controlled presence detector.
For control for the lighting connected to the presence detector.
Required battery (CR 2032) is included in the scope of delivery.

Suitable for	Order no.	Page
IR presence detector	1701 06	78
DALI IR presence detector	1701 07	79

Design	Order no.	PU
black matt	7590 40 01	1





IP30

IR configuration hand-held transmitter for presence detector

▶ 882

Battery service life [years] ≈ 3.5
 Dimensions (L x W x H) 111 x 63 x 10 mm

For convenient configuration of supported presence detectors.

Required battery (CR 2032) is included in the scope of delivery.

- also for KNX applications - KNX IR presence detector
- 3 configuration ranges for control, switch-off delay, brightness threshold
- setting of the brightness threshold manually, by default values or teach-in mode
- default settings can be selected for the brightness threshold daylight, office, corridor
- additional acknowledgement LED for displaying the IR transmission
- 15 buttons with integrated status-LED
- RC6 code
- 2 configuration memories for identical configuration of several presence detectors

Suitable for	Order no.	Page
IR presence detector	1701 06	78
DALI IR presence detector	1701 07	79



Design	Order no.	PU
black matt	7590 40 02	1

Surface-mounted/built-in motion detectors

Outdoor motion detector surface-mounted



IP55

Motion detector comfort 220°/360° surface-mounted

Operating voltage 230 V~
 Frequency 50/60 Hz
 Switching current (ohmic) max. 16 A
 230 V incandescent lamps and halogen lamps 2300 W
 Recommended installation height ≈ 2.5 m
 Detection angle 220°
 Response brightness, adjustable ≈ 5 ... 1000 lx
 Delay time, adjustable 5 s ... 15 min
 Operating temperature -20 ... +55 °C

Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.

Not suitable for installation in surface-mounted housing.

- can be used as a single unit, main device or extension unit
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- low intrinsic energy requirement
- with 2 operating modes: time- and light-dependent switch on or activation of a timer
- with potentiometers for setting the response brightness and delay time without dismantling
- with LED detection and mode indicator
- with crawl-under protection
- with cover elements to limit the detection field
- with potential-free NO contacts
- vertically slewing and horizontally rotating
- with cable entry
- with fitting material
- for wall and ceiling installation, corner installation with adapter
- with screw terminals

Suitable for optional	Order no.	Page
IR hand-held transmitter for motion detector comfort	2771	80



Design	Order no.	PU
polar white glossy	191	1



IP30

IR hand-held transmitter for motion detector comfort

▶ 882

Battery service life [years] ≈ 5
 Dimensions (L x W x H) 111 x 63 x 10 mm

For convenient configuration of supported presence detectors.

Required battery (CR 2032) is included in the scope of delivery.

- 3 configuration ranges for control, switch-off delay, brightness threshold
- setting of the brightness threshold manually, by default values or teach-in mode
- default settings can be selected for the brightness threshold daylight, office, corridor
- RC6 code
- additional acknowledgement LED for displaying the IR transmission

Suitable for	Order no.	Page
Motion detector comfort 220°/360° surface-mounted	191	80

Design	Order no.	PU
anthrazit	2771	1

Blind control

Raising and lowering of blinds? A blind control can do even more than that! In addition to timer programming, you can also control blinds, roller shutters and awnings according to lighting conditions. This is made possible by brightness or twilight sensors. Precipitation and wind sensors retract the awning or close the windows if the weather changes. An anti-lockout device is also available, meaning that if the patio door is open, the blinds are prevented from lowering. This ensures more comfort and greater safety to boot.



03

Page

Blind switches/push-buttons	84
Electronics platform	92

Blind switches/push-buttons

Switches/ push-buttons for blinds



Blind series switch 1pole

Rated voltage
Switching current

Follow the motor manufacturers' instructions.

250 V~
10 A

- with mechanical and electrical interlocking to prevent mutual switch on
- with plug-in terminals

▶ 883



Design	Order no.	PU
Blind series switch 1pole	3035 20	10



Blind series push-button 1pole

Rated voltage
Momentary-contact current

Follow the motor manufacturers' instructions.

250 V~
10 A

- with mechanical and electrical interlocking to prevent mutual activation
- with plug-in terminals

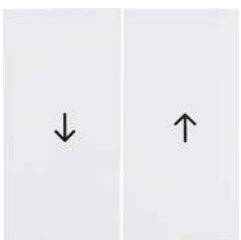
▶ 883

Suitable for
optional
Cutoff relay

Order no. Page
page 95



Design	Order no.	PU
Blind series push-button 1pole	5035 20	10



Rocker 2gang with imprinted arrow symbol

– for blind series switch/push-button

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1625 89 82	10
polar white glossy	1625 89 89	10
polar white matt	1625 19 09	10
anthracite matt	1625 16 06	10
aluminium matt, lacquered	1625 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	1625 60 82	10
polar white velvety	1625 60 89	10
anthracite velvety, lacquered	1625 60 86	10
aluminium velvety lacquered	1625 60 84	10
Berker K.1 K.5		
polar white glossy	1435 71 09	10
anthracite matt, lacquered	1435 71 06	10
alu, aluminium anodised	1435 71 03	10
stainless steel, metal matt finish	1435 71 04	10
Berker arsys		
white glossy	1435 01 02	10
polar white glossy	1435 01 69	10
brown glossy	1435 01 01	10
stainless steel, metal matt finish	1434 01 04	10
gold matt, aluminium anodised	1434 01 02	10
Berker R.1 R.3 R.8		
polar white glossy	1625 20 89	10
black glossy	1625 20 45	10

Multi-pole push-buttons for blinds



Group series push-button, 4 NO contacts, common input terminal

▶ 883

- 0 position



- 4 NO, common input terminal
- also suitable as series push-button for blinds
- with screw terminals

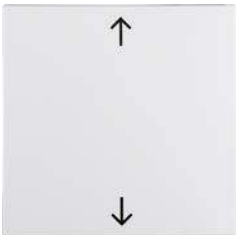
Rated voltage	250 V~	Suitable for optional Cutoff relay	Order no.	Page
Momentary-contact current	10 A			page 95

Follow the motor manufacturers' instructions.
Connection terminals according to IEC 60669-1



Design	Order no.	PU
Group series push-button, 4 NO contacts, common input terminal	5034 04	10

Rocker with imprinted arrows symbol



Design	Order no.	PU
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Berker S.1 | B.3 | B.7

white glossy	1620 89 12	10
polar white glossy	1620 89 19	10
polar white matt	1620 19 19	10
anthracite matt	1620 16 16	10
aluminium matt, lacquered	1620 14 14	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1620 60 72	10
polar white velvety	1620 60 79	10
anthracite velvety, lacquered	1620 60 76	10
aluminium velvety lacquered	1620 60 74	10

Berker K.1 | K.5

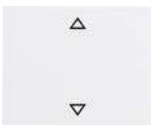
polar white glossy	1405 71 09	10
anthracite matt, lacquered	1405 71 06	10
alu, aluminium anodised	1405 71 03	10
stainless steel, metal matt finish	1405 71 04	10

Berker arsys

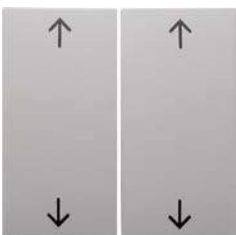
white glossy	1405 03 02	10
polar white glossy	1405 03 69	10
brown glossy	1405 03 01	10
light bronze matt, aluminium lacquered	1404 03 01	10
stainless steel, metal matt finish	1404 03 04	10
gold matt, aluminium anodised	1404 03 02	10

Berker R.1 | R.3 | R.8

polar white glossy	1620 20 49	10
black glossy	1620 20 05	10



Rocker 2gang with imprinted arrows symbol



Design	Order no.	PU
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Berker S.1 | B.3 | B.7

white glossy	1644 89 82	10
polar white glossy	1644 89 89	10
polar white matt	1644 19 09	10
anthracite matt	1644 16 06	10
aluminium matt, lacquered	1644 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

polar white velvety	1644 60 89	10
anthracite velvety, lacquered	1644 60 86	10
aluminium velvety lacquered	1644 60 84	10



Design	Order no.	PU	
	Berker K.1 K.5		
	polar white glossy	1435 72 09	10
	anthracite matt, lacquered	1435 72 06	10
	alu, aluminium anodised	1435 71 03	10
	stainless steel, metal matt finish	1435 72 04	10
	Berker arsys		
	white glossy	1435 03 02	10
	polar white glossy	1435 03 69	10
	brown glossy	1435 03 01	10
	light bronze matt, aluminium lacquered	1434 03 01	10
	stainless steel, metal matt finish	1434 03 04	10
	gold matt, aluminium anodised	1434 03 02	10
	Berker R.1 R.3 R.8		
	polar white glossy	1644 20 89	10
	black glossy	1644 20 45	10

Rotary switches for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

	Rotary switch for blinds 1pole		▶ 883
	Rated voltage	250 V~	– with push lock function
	Switching current	10 A	– with neutral-position – for centre plate with rotary knob – with screw terminals
Follow the motor manufacturers' instructions. Connection terminals according to IEC 60669-1			
	Suitable for optional	Order no.	Page
	Interlock disk for rotary switch for blinds	1861 ..	87



Design	Order no.	PU
Rotary switch for blinds 1pole	3841	10

	Rotary switch for blinds 2pole		▶ 883
	Rated voltage	250 V~	– with push lock function
	Switching current	10 A	– with neutral-position – for centre plate with rotary knob – with screw terminals
Follow the motor manufacturers' instructions. Connection terminals according to IEC 60669-1			
	Suitable for optional	Order no.	Page
	Interlock disk for rotary switch for blinds	1861 ..	87



Design	Order no.	PU
Rotary switch for blinds 2pole	3842	10

	Centre plate with rotary knob for rotary switch for blinds			
		– with imprint		
		Suitable for optional	Order no.	Page
		Rotary switch for blinds 1pole	3841	86
		Rotary switch for blinds 2pole	3842	86
	Suitable for optional	Order no.	Page	
	Interlock disk for rotary switch for blinds	1861 ..	87	
	Design	Order no.	PU	
	Berker S.1 B.3 B.7			
	white glossy	1080 89 82	1	
	polar white glossy	1080 89 89	1	
	polar white matt	1080 19 09	1	
	anthracite matt	1080 16 06	1	
aluminium matt, lacquered	1080 14 04	1		



Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1080 60 82	1
polar white velvety	1080 60 89	1
anthracite velvety, lacquered	1080 60 86	1
aluminium velvety, lacquered	1080 60 84	1



Berker K.1 | K.5

polar white glossy	1077 71 09	1
anthracite matt, lacquered	1077 71 06	1
alu, aluminium anodised	1077 71 03	1
stainless steel, metal matt finish	1077 71 04	1



Berker arsys

white glossy	1077 00 02	1
polar white glossy	1077 00 69	1
brown glossy	1077 00 01	1
light bronze matt, aluminium lacquered	1077 01 01	1
stainless steel, metal matt finish	1077 01 04	1
gold/polar white, matt/glossy, aluminium anodised	1077 01 02	1



Berker R.1 | R.3 | R.8

polar white glossy	1080 20 89	1
black glossy	1080 20 45	1



Interlock disk for rotary switch for blinds

– for conversion to rotary push-button for blinds

Design	Order no.	Page
Berker S.1 B.3 B.7, Q.1 Q.3 Q.7 Q.9, K.1 K.5, arsys		
Interlock disk for rotary switch for blinds	1861	10
Berker R.1 R.3 R.8 serie R.classic		
Interlock disk for rotary switch for blinds	1861 01	10

Key switches/key push-buttons for blinds



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Switch for blinds 1pole for centre plate with lock

▶ 883

Rated voltage	250 V~	– with push lock function
Switching current	10 A	– with neutral-position
Follow the motor manufacturers' instructions.		– the centre plate used determines the function of switch or push-button
		– with screw terminals



Design	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	10



Switch for blinds 2pole for centre plate with lock

▶ 883

Rated voltage

250 V~

– with push lock function

Switching current

10 A

– with neutral-position

Follow the motor manufacturers' instructions.

– the centre plate used determines the function of switch or push-button

– with screw terminals



Design

Order no.

PU

Switch for blinds 2pole for centre plate with lock

3852

10



Centre plate with lock and push lock function for switch for blinds

- key can be removed in 0 position

– with 2 keys

– with imprint



Design

Order no.

PU

Berker S.1 | B.3 | B.7

white glossy

1081 89 82

1

polar white glossy

1081 89 89

1

polar white matt

1081 19 09

1

anthracite matt

1081 16 06

1

aluminium matt, lacquered

1081 14 04

1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety

1081 60 82

1

polar white velvety

1081 60 89

1

anthracite velvety, lacquered

1081 60 86

1

aluminium velvety, lacquered

1081 60 84

1

Berker K.1 | K.5

polar white glossy

1079 71 09

1

anthracite matt, lacquered

1079 71 06

1

alu, aluminium anodised

1079 71 03

1

stainless steel, metal matt finish

1079 71 04

1

Berker arsys

white glossy

1079 00 02

1

polar white glossy

1079 00 69

1

brown glossy

1079 00 01

1

light bronze matt, aluminium lacquered

1079 03 01

1

stainless steel, metal matt finish

1079 03 04

1

gold/polar white, matt/glossy, aluminium anodised

1079 03 02

1



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions

– with 2 keys

– with imprint



Design

Order no.

PU

Berker S.1 | B.3 | B.7

white glossy

1082 89 82

1

polar white glossy

1082 89 89

1

polar white matt

1082 19 09

1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety

1082 60 82

1

polar white velvety

1082 60 89

1

anthracite velvety, lacquered

1082 60 86




1









aluminium velvety, lacquered



1082 60 84

1







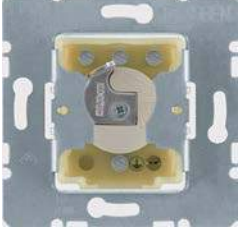

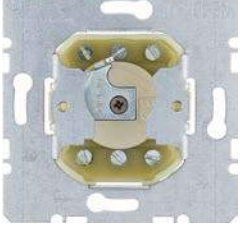


Design	Order no.	PU
	Berker K.1 K.5	
	polar white glossy	1079 72 09 1
	anthracite matt, lacquered	1079 72 06 1
	alu, aluminium anodised	1079 72 03 1
	stainless steel, metal matt finish	1079 72 04 1
	Berker arsys	
	white glossy	1079 01 02 1
	polar white glossy	1079 01 69 1
	brown glossy	1079 01 01 1
	light bronze matt, aluminium lacquered	1079 04 01 1
	stainless steel, metal matt finish	1079 04 04 1
	gold/polar white, matt/glossy, aluminium anodised	1079 04 02 1

Design	Order no.	PU
	Centre plate with lock and touch function for switch for blinds	
	- key can be removed in 0 position	- with 2 keys - with imprint
		
	Berker S.1 B.3 B.7	
	white glossy	1083 89 82 1
	polar white glossy	1083 89 89 1
	polar white matt	1083 19 09 1
	Berker Q.1 Q.3 Q.7 Q.9	
	white velvety	1083 60 82 1
	polar white velvety	1083 60 89 1
	anthracite velvety, lacquered	1083 60 86 1
	aluminium velvety, lacquered	1083 60 84 1
	Berker K.1 K.5	
	polar white glossy	1079 73 09 1
	anthracite matt, lacquered	1079 73 06 1
	alu, aluminium anodised	1079 73 03 1
	stainless steel, metal matt finish	1079 73 04 1
	Berker arsys	
	white glossy	1079 02 02 1
	polar white glossy	1079 02 69 1
	brown glossy	1079 02 01 1
	light bronze matt, aluminium lacquered	1079 05 01 1
	stainless steel, metal matt finish	1079 05 04 1
	gold/polar white, matt/glossy, aluminium anodised	1079 05 02 1

Design	Order no.	PU
	Switch for blinds 1pole for lock cylinder	883
	- earthing contact	- with push lock function
	- 0 position	- for master-key systems
		- without spreader claws
		- with screw terminals
Rated voltage	250 V~	Suitable for
Switching current	10 A	Lock cylinder
		Order no. 1818 ..
		Page 62
Suitable for water-protected, flush-mounted installation IP44.		

Design	Order no.	PU
	splash-protected IP 44	
	Switch for blinds 1pole for lock cylinder	3821 20 10

Blind control

	Switch for blinds 2pole for lock cylinder		▶ 883
	Rated voltage	250 V~	– with push lock function
	Switching current	10 A	– with neutral-position
	Not suitable for water-protected, flush-mounted installation IP44.		– for master-key systems
	Follow the motor manufacturers' instructions.		– without spreader claws
			– with screw terminals
	Suitable for	Order no.	Page
	Lock cylinder	1818 ..	62
	Design	Order no.	PU
	Switch for blinds 2pole for lock cylinder	3822 10	10
	Push-button for blinds 1pole for lock cylinder		▶ 883
	Rated voltage	250 V~	– for master-key systems
	Momentary-contact current	10 A	– without spreader claws
	Not suitable for water-protected, flush-mounted installation IP44.		– with screw terminals
	Follow the motor manufacturers' instructions.		
	Suitable for	Order no.	Page
	Lock cylinder	1818 ..	62
	optional		page 95
	Cutoff relay		
	Design	Order no.	PU
	Push-button for blinds 1pole for lock cylinder	3831 10	10
	Push-button for blinds 1pole for lock cylinder		▶ 883
	- earthing contact		
			– 1pole
			– for master-key systems
			– without spreader claws
			– with screw terminals
	Rated voltage	250 V~	
	Momentary-contact current	10 A	
	Suitable for water-protected, flush-mounted installation IP44.		
	Suitable for	Order no.	Page
	Lock cylinder	1818 ..	62
	optional		page 95
	Cutoff relay		
	Design	Order no.	PU
	splash-protected IP 44		
	Push-button for blinds 1pole for lock cylinder	3831 20	10
	Push-button for blinds 2pole for lock cylinder		▶ 883
	Rated voltage	250 V~	– for master-key systems
	Momentary-contact current	10 A	– without spreader claws
	Not suitable for water-protected, flush-mounted installation IP44.		– with screw terminals
	Follow the motor manufacturers' instructions.		
	Suitable for	Order no.	Page
	Lock cylinder	1818 ..	62
	optional		page 95
	Cutoff relay		
	Design	Order no.	PU
	Push-button for blinds 2pole for lock cylinder	3832 10	10
	Centre plate for key push-button for blinds/key switch		
			– for master-key systems
			– for lock cylinder
			– with imprint
	Design	Order no.	PU
	Berker S.1 B.3 B.7		
white glossy	1506 89 82	10	
polar white glossy	1506 89 89	10	
polar white matt	1506 19 09	10	
anthracite matt	1506 16 06	10	
aluminium matt, lacquered	1506 14 04	10	



Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1506 60 82	10
polar white velvety	1506 60 89	10
anthracite velvety, lacquered	1506 60 86	10
aluminium velvety, lacquered	1506 60 84	10



Berker K.1 | K.5

polar white glossy	1504 71 09	10
anthracite matt, lacquered	1504 71 06	10
aluminium matt, lacquered	1504 71 03	10
stainless steel matt, lacquered	1504 71 04	10



Berker arsys

white glossy	1504 00 12	10
polar white glossy	1504 00 79	10
brown glossy	1504 00 11	10
light bronze matt, lacquered	1504 90 21	10
stainless steel matt, lacquered	1504 90 14	10



Berker R.1 | R.3 | R.8

polar white glossy	1506 20 89	10
black glossy	1506 20 45	10



Centre plate with fixing element for key push-button for blinds/key switch

- for master-key systems
- for lock cylinder
- with imprint

Suitable for	Order no.	Page
Sealing set 1gang for socket outlets, centre plates, rocker switches/push-buttons and switches/push-buttons with lock for blinds	1010 89 01	192
Switch for blinds 2pole for lock cylinder	3822 10	90
Push-button for blinds 1pole for lock cylinder	3831 10	90
Push-button for blinds 2pole for lock cylinder	3832 10	90

Design

Order no.

PU

Berker S.1

white glossy	1508 89 82	10
polar white glossy	1508 89 89	10
polar white matt	1508 19 09	10
anthracite matt	1508 16 06	10
aluminium matt, lacquered	1508 14 04	10



Lock cylinder

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.

With 5 tumblers to according to DIN 18252

- for change-over switches/push-buttons for lock cylinders
- for switches/push-buttons for lock cylinders
- with 3 keys

▶ 883

Suitable for	Order no.	Page
Centre plate for key push-button for blinds/key switch		page 90
Switch for blinds 1pole for lock cylinder	3821 20	89
Switch for blinds 2pole for lock cylinder	3822 10	90
Push-button for blinds 1pole for lock cylinder	3831 ..	90
Push-button for blinds 2pole for lock cylinder	3832 10	90

Design

Order no.

PU

with differing closures

Lock cylinder	1818	1
---------------	-------------	---

with same closures

Lock cylinder	1818 01	1
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Electronics platform



Blind insert comfort

▶ 896

Operating voltage	230 V~	– for single, group and master controls
Frequency	50/60 Hz	– with 2 mechanically and electrically mutually-locked relay contacts
Number of substations	unlimited	– low intrinsic energy requirement
Switching current (ohmic/inductive)	max. 5 A	– with 230 V extension unit inputs for up and down
Switching current at $\cos \phi = 0.6$	max. 3 A	– no conductive connection between supporting ring and spreading claws
Change-over time for change of direction	< 0.6 s	– circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
Operating temperature	-5 ... +45 °C	– with screw terminals
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Load cable length	max. 100 m	
Cable length, extensions	max. 50 m	
Claw guidance installation depth	32 mm	

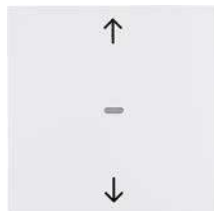
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Suitable for	Order no.	Page
Shutter push-button	8524 11 ..	92
Blind time switch	8574 11 ..	93
optional		
Cutoff relay		page 95
Interface surface-mounted for wind sensor	173	94
Precipitation sensor	183 01	94



Design	Order no.	PU
Blind insert comfort	8522 11 00	1

Blind covers



Blind button

▶ 896

Delay time, adjustable	0 s ... 500 s	– memory function for automatic execution of learned up and down times with position
Venetian blind movement time	2 min	– party function, no execution of automatic, radio and extension unit commands (lock-out protection)
Change-over time for change of direction	< 0.6 s	– LED application module/insert compatibility display
Minimum slat adjustment time	≈ 250 ms	– with indicator LED for lock-out protection
Operating temperature	-5 ... +45 °C	– with status LED for memory and party function, red/orange
Self-retaining for 2 min on button-press	> 0.4 s	– low intrinsic energy requirement

Can be switched to orientation led by extension unit.

- with imprinted symbol arrows
- with anti-dismantling protection

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	92

Design	Order no.	PU
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Berker S.1 | B.3 | B.7

white glossy	8524 11 82	1
polar white glossy	8524 11 89	1
polar white matt	8524 11 88	1
anthracite matt	8524 11 85	1
aluminium matt, lacquered	8524 11 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8524 11 22	1
polar white velvety	8524 11 29	1
anthracite velvety, lacquered	8524 11 26	1
aluminium velvety, lacquered	8524 11 24	1

Berker K.1 | K.5

polar white glossy	8524 11 79	1
anthracite matt, lacquered	8524 11 75	1
aluminium, matt, lacquered	8524 11 77	1
stainless steel matt, lacquered	8524 11 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8524 11 39	1
black glossy ¹⁾	8524 11 31	1



¹⁾ no dismantling protection possible



Blind time switch

- display



Number of operation times for up/down	20
Running time	2 min
Astronomic time shift	± 2 h
Power reserve	≈ 24 h
Change-over time for change of direction	< 0.6 s
Minimum slat adjustment time	≈ 250 ms
Random number generator	± 15 min
Operating temperature	-5 ... +45 °C
Self-retaining for 2 min on button-press	> 0.5 s

Control using device buttons and programmed switching times.

Can be switched to orientation led by extension unit.

- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- with keylock
- reset function (to factory setting)
- LC display illuminated during operation
- LC display contrast is adjustable
- indication of the application module/insert compatibility in the display
- menu guidance available in German, English or French
- low intrinsic energy requirement
- with automatic summer-/winter time switching (can be switched off)
- with switchover manual/automatic mode
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- 2 independent preset programme memories, individually adaptable
- with anti-dismantling protection

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	92
Order no.		PU

Design

Berker S.1 | B.3 | B.7

white glossy	8574 11 82	1
polar white glossy	8574 11 89	1
aluminium matt, lacquered	8574 11 83	1
anthracite matt	8574 11 85	1
polar white matt	8574 11 88	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8574 11 22	1
polar white velvety	8574 11 29	1
anthracite velvety, lacquered	8574 11 26	1
aluminium velvety, lacquered	8574 11 24	1

Berker K.1 | K.5

polar white glossy	8574 11 79	1
anthracite matt, lacquered	8574 11 75	1
aluminium, matt, lacquered	8574 11 77	1
stainless steel matt lacquered	8574 11 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8574 11 39	1
black glossy ¹⁾	8574 11 31	1



¹⁾ no dismantling protection possible

Physical sensors



μ IP65

Precipitation sensor

Operating voltage	230 V~	– heated	▶ 900
Frequency	50/60 Hz	– with potential-free change-over contact	
Switch-on current at 250 V (ohmic)	max. 15 A	– pre-assembled, with cables	
Switching current at 30 V= (ohmic)	max. 3 A	– with stainless steel mounting bracket approx. 70°	
Switching current at 250 V~ (ohmic)	max. 6 A	– with pipe clamp for mast fixing	
Power consumption incl. additional heating	max. 4.5 W	Suitable for	Order no.
Operating temperature	-30 ... +70 °C	RolloTec insert comfort	2975
Pre-assembled cables	≈ 2.9 m	Blind insert comfort	8522 11 00
Dimensions, mounting bracket (W x H x D)	130 x 90 x 90 mm		Page
Dimensions sensor (L x W x H)	82 x 60 x 57.5 mm		396
Mast Ø	max. 62 mm		92

When it begins to rain, snow etc. the contact is closed.
To protect against mildew on awnings, roller shutters etc.

Not suitable for installation in surface-mounted housing.



Design	Order no.	PU
grey	183 01	1



Wind sensor

Measuring range, wind speed	0.5 ... 40 m/s	– with fitting material	▶ 900
Measuring range, wind strengths	3 ... 10 Bft	– reed contact (frequency measurement)	
Pre-assembled cable	≈ 3 m	– confectioned with cable LIYY 2 x 0.5 mm ² and conductor sleeves	
		Suitable for	Order no.
		Interface surface-mounted for wind sensor	173
			Page
			94



Design	Order no.	PU
white	172 01	1



IP55

Interface surface-mounted for wind sensor

Operating voltage	230 V~	– with test mode	▶ 900
Frequency	50/60 Hz	– 2 NO contacts, common input terminal	
Switching current	2 A	– with fitting material	
Wind strengths, settable	3 ... 10 Bft	– with potential-free contact	
Dimensions (W x H x D)	110 x 94 x 38 mm	– with screw terminals	
		Suitable for	Order no.
		Wind sensor	172 01
		RolloTec insert comfort	2975
		Blind insert comfort	8522 11 00
		optional	
		Cutoff relay	page 95

When the wind speed is reached, the contact is closed.
To protect against excessive wind, e. g. for shutters, sun blinds, etc.

Not suitable for installation in surface-mounted housing.
Also suitable for company Thies heated wind speed sensor art. no. 4.3515.50.000.

Design	Order no.	PU
polar white	173	1

Cutoff relay

– Neutral conductor necessary!



Cutoff relay surface-mounted/flush-mounted

– extension outputs



Operating voltage	230 V~
Frequency	50 Hz
Switching current at $\cos \phi = 0.6$	max. 4 A
Current consumption (operation)	≈ 10 mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Ambient temperature	+0 ... +60 °C
Conductor cross-section (rigid)	max. 2.5 mm ²
Dimensions (W x H x D)	53 x 50 x 25 mm

- ▶ 901
- with 2 extension unit outgoing feeders for single operation
- with master input e.g. for RolloTec timer
- with separate mains power supply
- to operate 2 shutter/blind control motors
- required for electric motor decoupling
- with screw terminals

Suitable for	Order no.	Page
Blind series push-button 1pole	5035 20	84
Group series push-button, 4 NO contacts, common input terminal	5034 04	30
Push-button for blinds 1pole for lock cylinder	3831 ..	90
Push-button for blinds 2pole for lock cylinder	3832 10	90
Blind insert comfort	8522 11 0 ..	92
Interface surface-mounted for wind sensor	173	94



Design	Order no.	PU
grey	2969	1



Cutoff relay surface-mounted/flush-mounted

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current at $\cos \phi = 0.6$	max. 3 A
Switching current at $\cos \phi = 1$	max. 8 A
Current consumption (operation)	≈ 10 mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Ambient temperature	+0 ... +60 °C
Dimensions (W x H x D)	50 x 52 x 22 mm

- ▶ 901
- with master input e.g. for RolloTec timer
- with separate mains power supply
- to operate 2 shutter/blind control motors
- installation in flush-mounted or splash-protected junction box
- with screw terminals

Suitable for	Order no.	Page
Blind series push-button 1pole	5035 20	84
Group series push-button, 4 NO contacts, common input terminal	5034 04	30
Push-button for blinds 1pole for lock cylinder	3831 ..	90
Push-button for blinds 2pole for lock cylinder	3832 10	90
Blind insert comfort	8522 11 0 ..	92
Interface surface-mounted for wind sensor	173	94



Design	Order no.	PU
Cutoff relay surface-mounted/flush-mounted	2930	1



Cutoff relay RMD

– extension outputs



Operating voltage	230 V~
Frequency	50 Hz
Switching current at $\cos \phi = 0.6$	max. 4 A
Current consumption (operation)	≈ 10 mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Conductor cross-section (rigid)	max. 2.5 mm ²
Dimensions (W x H x D)	45 x 71 x 42 mm
Width of rail mounted device (RMD)	2.5 modules
Assembling height as from DIN rail	39 mm

- ▶ 901
- with 2 extension unit outgoing feeders for single operation
- with master input e.g. for RolloTec timer
- with separate mains power supply
- to operate 2 shutter/blind control motors
- required for electric motor decoupling
- with screw terminals

Suitable for	Order no.	Page
Blind series push-button 1pole	5035 20	84
Group series push-button, 4 NO contacts, common input terminal	5034 04	30
Push-button for blinds 1pole for lock cylinder	3831 ..	90
Push-button for blinds 2pole for lock cylinder	3832 10	90
Blind insert comfort	8522 11 0 ..	92
Interface surface-mounted for wind sensor	173	94



Design	Order no.	PU
Cutoff relay RMD	2919	1



Cutoff relay RMD

▶ 901

Operating voltage	230 V~	– with master input e.g. for RolloTec timer
Frequency	50/60 Hz	– with separate mains power supply
Switching current at $\cos \phi = 0.6$	max. 3 A	– to operate 2 shutter/blind control motors
Switching current at $\cos \phi = 1$	max. 8 A	– with screw terminals
Current consumption (operation)	≈ 10 mA	
Activation change-over time up/down	min. 0.5 s	
Switch-on time (ED)	100 %	
Dimensions (W x H x D)	45 x 71 x 42 mm	
Width of rail mounted device (RMD)	2.5 modules	
Assembling height as from DIN rail	38 mm	

Suitable for	Order no.	Page
Blind series push-button 1pole	5035 20	84
Group series push-button, 4 NO contacts, common input terminal	5034 04	30
Push-button for blinds 1pole for lock cylinder	3831 ..	90
Push-button for blinds 2pole for lock cylinder	3832 10	90
Blind insert comfort	8522 11 0 ..	92
Interface surface-mounted for wind sensor	173	94



Design	Order no.	PU
Cutoff relay RMD	2931	1

HVAC control

Whether with conventional thermostats or an electronic device, the advantages of targeted heating control are perfectly clear. The single-room temperature control is not only convenient – it also helps you to save energy. Sensors, temperature sensors and timer-programming capabilities also help to create your ideal indoor climate. To this end radiators and underfloor heating systems can also be integrated into the control network using valve drives for heating-valve bottom parts.



04

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3-step switches	108
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Thermostats

Thermostat inserts



Thermostat, NO contact, with centre plate

▶ 885

- time-controlled



Rated voltage	230 V~
Frequency	50 Hz
Switching current	10 mA ... 10 (4) A
Switching current at $\cos \phi = 0.6$	max. 4 A
Power consumption	≈ 1.2 W
Switching temperature difference	≈ 0.5 K
Room temperature setting range	5 ... 30 °C
Floor temperature setting range	10 ... 40 °C
Energy efficiency class	IV (2%)
Lithium cell power reserve [years]	≈ 10
Installation depth	25 mm

Not suitable for installation in surface-mounted housing.

- for underfloor heating control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve
- temperature control range adjustable
- with integrated temperature sensor
- operating hours counter or energy consumption display adjustable
- with access protection
- with valve protection function
- with frost protection function
- timer for changing the temperature by the hour
- operating languages are adjustable: German, English, Dutch or French
- large, backlight display with text display
- type of actuator (currentless closed/open) adjustable
- PWM cycle time and hysteresis (for two-point control) settable
- control process PWM or 2-point (on/off) can be selected
- with switchover manual/automatic mode
- 3 blocks of days: Mon-Fri, Sat-Sun, Mon-Sun
- 3 preset time programmes, individually adjustable
- max. 9 switching times per weekday
- programmable with operating unit removed
- holiday programme with date activation
- with automatic summer-/winter time switching (can be switched off)
- with imprint
- without spreader claws
- with additional connection for external floor temperature sensor/remote sensor
- with screw terminals

Suitable for optional	Order no.	Page
Temperature sensor (33 kΩ)	161	110
Design	Order no.	PU

Berker S.1 | B.3 | B.7

white glossy	2044 89 82	1
polar white glossy	2044 89 89	1
polar white matt	2044 19 09	1
anthracite matt	2044 16 06	1
aluminium matt, lacquered	2044 14 04	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	2044 60 82	1
polar white velvety	2044 60 89	1
anthracite velvety, lacquered	2044 60 86	1
aluminium velvety, lacquered	2044 60 84	1

Berker K.1 | K.5

polar white glossy	2044 71 09	1
anthracite matt	2044 71 06	1
aluminium matt, lacquered	2044 71 03	1
stainless steel, lacquered	2044 71 04	1

Berker arsys

white glossy	2044 00 02	1
polar white glossy	2044 00 69	1
brown glossy	2044 00 01	1
light bronze, lacquered	2044 90 11	1
stainless steel matt, lacquered	2044 90 04	1



New

Thermostat, NO contact, with centre plate

- time-controlled



Rated voltage	230 V~
Frequency	50 Hz
Switching current	max. 10 (2) A
Breaking capacity	2300 W
Hysteresis, settable	< 1 K for room thermostat
Room temperature setting range	5 ... 30 °C
Floor temperature setting range	10 ... 42 °C
Energy efficiency class	I (1%)
Power reserve	≈ 5 d
Ambient temperature	+0 ... +35 °C
Dimensions (W x H x D)	71 x 71 x 46 mm
Installation depth	28.5 mm

□ IP30

NOTE:

When integrating this product into the Serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used. Installation in multiple combinations of the Serie 1930 is not possible!

Not suitable for installation in surface-mounted housing.
EN 60730-2-7, 60730-2-9

- for time-dependent single-room or floor temperature control for electric and hot water heating systems
- Operating modes: automatic according to day programme, comfort, standby, off
- temperature value can be calibrated
- additional connection for external temperature sensor
- with integrated temperature sensor
- with party function
- with keylock
- with valve protection function
- with frost protection function
- Operation via 4 touch-sensitive control surfaces whose currently active function is indicated by an icon on the display
- operating languages are adjustable: German, English, French, Dutch, Polish, Czech or Russian
- large, backlight display with text and symbol display
- time and date display
- for thermoelectric valve drives 230 V, closed in de-energized state
- for continuous (PI) or switched (2-point) control
- hysteresis, settable
- simple programming of switching times through integrated copy function
- emergency programme with fault signal for sensor failure
- holiday programme individually adjustable
- with automatic summer-/winter time switching (can be switched off)
- with centre plate Ø 58 mm
- without spreader claws
- with additional connection for external floor temperature sensor/remote sensor
- with plug-in terminals

Design	Order no.	PU
Berker R.1 R.3 R.8		
polar white glossy	★ 2046 20 89	1
black glossy	★ 2046 20 45	1



HVAC control



Thermostat, NO contact, with centre plate, for underfloor heating

- rocker switch
- external temperature sensor



Rated voltage	250 V~
Frequency	50/60 Hz
Switching current	10 A
Switching temperature difference	≈ 1 K
Room temperature setting range	5 ... 30 °C
Floor temperature setting range	10 ... 50 °C
Night lowering	≈ 5 K
Energy efficiency class	I (1%)
Sensor cable length	4 m

If the preset temperature is reached, the contact closes.

Not suitable for installation in surface-mounted housing.

- with LED for heating and LED for night lowering
- with on/off switch and 2 LEDs
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with imprint
- without spreader claws
- with separate connection for night lowering
- with plug-in terminals

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	2034 89 82	1
polar white glossy	2034 89 89	1
polar white matt	2034 19 09	1
anthracite matt	2034 16 06	1
aluminium matt, lacquered	2034 14 04	1





Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	2034 60 82	1
polar white velvety	2034 60 89	1
anthracite velvety, lacquered	2034 60 86	1
aluminium velvety, lacquered	2034 60 84	1



Berker K.1 | K.5

polar white glossy	2034 71 09	1
anthracite matt, lacquered	2034 71 06	1
aluminium matt, lacquered	2034 71 03	1
stainless steel matt, lacquered	2034 71 04	1



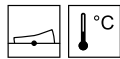
Berker arsys

white glossy	2034 00 02	1
polar white glossy	2034 00 69	1
brown glossy	2034 00 01	1
light bronze matt, lacquered	2034 90 11	1
stainless steel matt, lacquered	2034 90 04	1



Thermostat, NO contact, with centre plate, for underfloor heating

- rocker switch
- external temperature sensor



Rated voltage	250 V~
Frequency	50 Hz
Switching current	16 (2) A
Switching temperature difference	≈ 1 K
Room temperature setting range	5 ... 30 °C
Floor temperature setting range	10 ... 50 °C
Night lowering	≈ 5 K
Energy efficiency class	I (1%)
Sensor cable length	4 m

- with LED for heating and LED for night lowering
- with on/off switch and 2 LEDs
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with imprint
- without spreader claws
- with separate connection for night lowering
- with screw terminals

If the preset temperature is reached, the contact closes.

Not suitable for installation in surface-mounted housing.

Design	Order no.	PU
--------	-----------	----

Berker R.1 | R.3 | R.8

polar white glossy	2034 20 89	1
black glossy	2034 20 45	1





Temperature controller, change-over contact, with centre plate

Rated voltage	250 V~	– for heating or cooling mode
Frequency	50/60 Hz	– e.g. for valve drives closed in de-energised state
"Heating" switching current	10 A	– setting knob with temperature range limitation
Switching current "Heating" at $\cos \phi = 0.6$	4 A	– with thermal return
Switching current "Cooling"	5 A	– with imprint
Switching current "Cooling" at $\cos \phi = 0.6$	2 A	– without spreader claws
Temperature	5 ... 30 °C	– with plug-in terminals
Switching temperature difference	≈ 0.5 K	
Energy efficiency class	I (1%)	

If the preset temperature is reached the contact changes.

Not suitable for installation in surface-mounted housing.

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	2026 89 82	1
polar white glossy	2026 89 89	1
polar white matt	2026 19 09	1
anthracite matt	2026 16 06	1
aluminium matt, lacquered	2026 14 04	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	2026 60 82	1
polar white velvety	2026 60 89	1
anthracite velvety, lacquered	2026 60 86	1
aluminium velvety, lacquered	2026 60 84	1
Berker K.1 K.5		
polar white glossy	2026 71 09	1
anthracite matt, lacquered	2026 71 06	1
aluminium matt, lacquered	2026 71 03	1
stainless steel matt, lacquered	2026 71 04	1
Berker arsys		
white glossy	2026 00 02	1
polar white glossy	2026 00 69	1
brown glossy	2026 00 01	1
light bronze matt, lacquered	2026 90 11	1
stainless steel matt, lacquered	2026 90 04	1



Temperature controller, change-over contact, with centre plate

Rated voltage	250 V~	– for heating or cooling mode
Frequency	50/60 Hz	– e.g. for valve drives closed in de-energised state
"Heating" switching current	10 A	– setting knob with temperature range limitation
Switching current "Heating" at $\cos \phi = 0.6$	4 A	– with thermal return
Switching current "Cooling"	5 A	– with imprint
Switching current "Cooling" at $\cos \phi = 0.6$	2 A	– without spreader claws
Temperature	5 ... 30 °C	– with screw terminals
Switching temperature difference	≈ 0.5 K	
Energy efficiency class	I (1%)	

If the preset temperature is reached the contact changes.

Not suitable for installation in surface-mounted housing.

Design	Order no.	PU
Berker R.1 R.3 R.8		
polar white glossy	2026 20 89	1
black glossy	2026 20 45	1





Temperature controller, NC contact, with centre plate

▶ 884

- rocker switch



Rated voltage	250 V~
Frequency	50/60 Hz
Switching current	10 A
Temperature	5 ... 30 °C
Switching temperature difference	≈ 0.5 K
Night lowering	≈ 4 K
Energy efficiency class	I (1%)

- with on/off switch and indicator LED for "on"
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with thermal return
- with imprint
- without spreader claws
- with separate connection for night lowering
- with plug-in terminals

If the preset temperature is reached, the contact opens.

Not suitable for installation in surface-mounted housing.

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	2030 89 82	1
polar white glossy	2030 89 89	1
polar white matt	2030 19 09	1
anthracite matt	2030 16 06	1
aluminium matt, lacquered	2030 14 04	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	2030 60 82	1
polar white velvety	2030 60 89	1
anthracite velvety, lacquered	2030 60 86	1
aluminium velvety, lacquered	2030 60 84	1
Berker K.1 K.5		
polar white glossy	2030 71 09	1
anthracite matt, lacquered	2030 71 06	1
aluminium matt, lacquered	2030 71 03	1
stainless steel matt, lacquered	2030 71 04	1
Berker arsys		
white glossy	2030 00 02	1
polar white glossy	2030 00 69	1
brown glossy	2030 00 01	1
light bronze matt, lacquered	2030 90 11	1
stainless steel matt, lacquered	2030 90 04	1



Temperature controller, NC contact, with centre plate

- rocker switch



Rated voltage	250 V~
Frequency	50 Hz
Switching current	10 A
Temperature	5 ... 30 °C
Switching temperature difference	≈ 0.5 K
Night lowering	≈ 4 K
Energy efficiency class	I (1%)

- with on/off switch and indicator LED for "on"
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with thermal return
- with imprint
- without spreader claws
- with separate connection for night lowering
- with screw terminals

If the preset temperature is reached, the contact opens.

Not suitable for installation in surface-mounted housing.

Design	Order no.	PU
Berker R.1 R.3 R.8		
polar white glossy	2030 20 89	1
black glossy	2030 20 45	1





Temperature controller, NC contact, with centre plate, 24 V AC/DC

- rocker switch



Rated voltage	24 V~/24 V=
Frequency	50/60 Hz
Switching current	10 A~/4 A=
Temperature	5 ... 30 °C
Switching temperature difference	≈ 0.5 K
Night lowering	≈ 4 K
Energy efficiency class	I (1%)

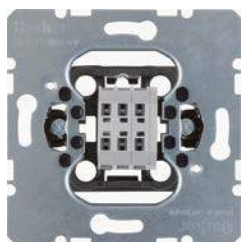
- with on/off switch and indicator LED for "on"
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with thermal return
- with imprint
- without spreader claws
- with separate connection for night lowering
- with plug-in terminals

If the preset temperature is reached, the contact opens.

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	2031 89 82	1
polar white glossy	2031 89 89	1
polar white matt	2031 19 09	1
anthracite matt	2031 16 06	1
aluminium matt, lacquered	2031 14 04	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	2031 60 82	1
polar white velvety	2031 60 89	1
anthracite velvety, lacquered	2031 60 86	1
aluminium velvety, lacquered	2031 60 84	1
Berker K.1 K.5		
polar white glossy	2031 71 09	1
anthracite matt, lacquered	2031 71 06	1
aluminium matt, lacquered	2031 71 03	1
stainless steel matt, lacquered	2031 71 04	1
Berker arsys		
white glossy	2031 00 02	1
polar white glossy	2031 00 69	1
brown glossy	2031 00 01	1
light bronze matt, lacquered	2031 90 11	1
stainless steel matt, lacquered	2031 90 04	1



Sensors



Sensor insert

- e.g. for temperature sensor PT100
- without spreader claws
- with plug-in terminals

Design	Order no.	PU
Sensor insert	7594 10 01	10



Central plate for sensor insert

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

- e.g. for temperature sensor PT100
- with slots for air circulation

Design	Order no.	Page
white glossy	7594 04 02	1
polar white glossy	7594 04 09	1
polar white matt/velvety	7594 04 89	1
anthracite, matt	7594 04 85	1
aluminium matt, lacquered	7594 04 83	1
light bronze matt, lacquered	7594 04 04	1
stainless steel matt, lacquered	7594 04 03	1

Switches for heating applications

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

1-pole inserts

- connection terminals according to IEC 60669-1



Change-over/intermediate switch

Rated voltage 250 V~
Switching current 10 AX
Installation depth 31 mm

A control change-over switch is shown here as an example. With 2-pole and 3-pole control on/off switches, other rocker switches and neon lamp units are required.

- for illumination and monitoring circuit
- with plug-in terminals

▶ 870

Design	Order no.	Page
Change-over switch	3036	10
Change-over switch for installation in hollow walls ¹⁾	3036 50	10
Intermediate switch	3037	10
Change-over switch 16 AX	★ 3036 16	10
Intermediate switch 16 AX	★ 3037 16	10

¹⁾ low installation depth, without spreader claws



Push-button

Rated voltage 250 V~
Momentary-contact current 10 A
Contact spacing > 3 mm
Conductor cross-section (rigid) max. 2.5 mm²

- for illumination and monitoring circuit
- with plug-in terminals

▶ 872

Design	Order no.	Page
Push-button, NO contact	5031	10
Push-button, NO contact for installation in hollow walls ¹⁾	5031 50	10
Push-button, change-over	5036	10
Push-button, NO contact, 2 separate signal contacts	5031 01	10
Push-button, NC contact + NO contact, isolated input terminals	5032 03	10

¹⁾ low installation depth, without spreader claws

Covers for 1-pole inserts



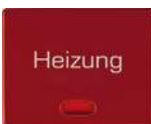
Rocker with imprint "Heizung"

- red lens



Use glass pane-protected switch for heating applications from programme ranges Arsys, wg Up IP44 alternatively.

Design	Order no.	PU
Berker S.1 B.3 B.7		
red glossy	1621 89 02	10
red matt	1621 19 02	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety ¹⁾	1621 60 62	10
polar white velvety ¹⁾	1621 60 69	10
aluminium velvety lacquered ¹⁾	1621 60 64	10



Berker K.1 | K.5

red glossy	1488 71 15	10
------------	-------------------	----

Berker arsys

red glossy	1488 00 62	10
------------	-------------------	----

Berker R.1 | R.3 | R.8

polar white glossy ²⁾	1621 20 49	10
----------------------------------	-------------------	----

¹⁾ with orange lens
²⁾ with clear lens

HVAC control



Centre plate with glass plate

- rocker



In case of danger break glass and press rocker!

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

Adhesive label sheets, text white: "Notschalter", "Rauchabzug", "Feuerschutztür schließen", "Feuerabschluss schließen", "Heizung", "Lichtkuppel", "Hausalarm" and "Öffnen" supplied.

Design	Order no.	PU
Berker arsys		
red glossy	1297 00 00	10

3-step switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



3-step switches

Rated voltage 250 V~ – with screw terminals
Switching current 16 A

▶ 883

For air conditioners and fans, for example.



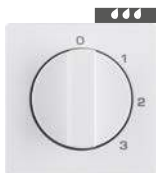
Design	Order no.	PU
with 0-position: 0-1-2-3	3861	10
without 0-position: 2-1-3	3861 01	10



Centre plate with rotary knob for 3-step switch

– with imprint

Design	Order no.	PU
berker S.1 B.3 B.7, without 0-position		
white glossy	1084 89 82	1
polar white glossy	1084 89 89	1
polar white matt	1084 19 09	1
anthracite matt	1084 16 06	1
aluminium matt, lacquered	1084 14 04	1
Berker S.1 B.3 B.7, with 0-position		
white glossy	1096 89 82	1
polar white glossy	1096 89 89	1
polar white matt	1096 19 09	1
anthracite matt	1096 16 06	1
aluminium matt, lacquered	1096 14 04	1
Berker Q.1 Q.3 Q.7 Q.9, without 0-position		
white velvety	1084 60 82	1
polar white velvety	1084 60 89	1
anthracite velvety, lacquered	1084 60 86	1
aluminium velvety, lacquered	1084 60 84	1
Berker Q.1 Q.3 Q.7 Q.9, with 0-position		
white velvety	1096 60 82	1
polar white velvety	1096 60 89	1
anthracite velvety, lacquered	1096 60 86	1
aluminium velvety, lacquered	1096 60 84	1
Berker K.1 K.5, without 0-position		
polar white glossy	1088 71 09	1
anthracite matt, lacquered	1088 71 06	1
alu, aluminium anodised	1088 71 03	1
stainless steel, metal matt finish	1088 71 04	1
Berker K.1 K.5, with 0-position		
polar white glossy	1087 71 09	1
anthracite matt, lacquered	1087 71 06	1
alu, aluminium anodised	1087 71 03	1
stainless steel, metal matt finish	1087 71 04	1
Berker arsys, without 0-position		
white glossy	1088 00 02	1
polar white glossy	1088 00 69	1
brown glossy	1088 00 01	1
light bronze matt, aluminium lacquered	1088 01 01	1
stainless steel, metal matt finish	1088 01 04	1
gold/polar white, matt/glossy, aluminium anodised	1088 01 02	1



Design	Order no.	PU
Berker arsys, with 0-position		
white glossy	1087 00 02	1
polar white glossy	1087 00 69	1
brown glossy	1087 00 01	1
light bronze matt, aluminium lacquered	1087 01 01	1
stainless steel, metal matt finish	1087 01 04	1
gold/polar white, matt/glossy, aluminium anodised	1087 01 02	1
Berker R.1 R.3 R.8, without 0-position		
polar white glossy	1084 20 89	1
black glossy	1084 20 45	1
Berker R.1 R.3 R.8, with 0-position		
polar white glossy	1096 20 89	1
black glossy	1096 20 45	1



Speed controllers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



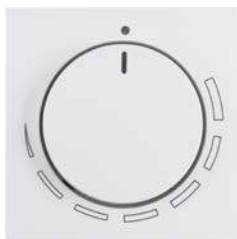
Speed controller

Operating voltage	230/240 V~	– basic speed adjustable
Frequency	50/60 Hz	– for devices with motory drive
Motor nominal and slat current	max. 0.1 ... 2.7 A	– phase cut-on
Fine-wire fuse	T 3.15 H 250 V	– short-circuit and overload proof (fine-wire fuse)
Loss power at full load	≈ 5 W	– with spare fuse
Axis dimension Ø	4 mm	– with rotary on/off switch
Possible to change fuse without removing cover.		– additional switching contact for blade control
		– with plug-in terminals

▶ 877



Design	Order no.	PU
Speed controller	2968 01	1



Centre plate for speed controller

– setting knob – with imprinted symbol curve



Axis dimension Ø 4 mm

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1137 89 22	10
polar white glossy	1137 89 29	10
polar white matt	1137 19 29	10
anthracite matt	1137 16 26	10
aluminium matt, lacquered	1137 14 24	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	1137 60 72	10
polar white velvety	1137 60 79	10
anthracite velvety, lacquered	1137 60 76	10
aluminium velvety, lacquered	1137 60 74	10
Berker K.1 K.5		
polar white glossy	1135 72 09	10
anthracite matt, lacquered	1135 72 06	10
aluminium, aluminium anodised	1135 72 03	10
stainless steel, metal matt finish	1135 72 04	10



Design	Order no.	PU
Berker arsys		
white glossy	1135 00 22	10
polar white glossy	1135 00 89	10
brown glossy	1135 00 21	10
light bronze matt, aluminium lacquered	1134 00 21	10
stainless steel, metal matt finish	1134 00 24	10
gold matt, aluminium anodised	1134 00 22	10
Berker R.1 R.3 R.8		
polar white glossy	1137 20 79	10
black glossy	1137 20 35	10

Supplementary products



Temperature sensor (33 kΩ)

Characteristic resistance value at 25 °C
 Operating temperature
 Sensor cable length

33 kΩ
 -20 ... +70 °C
 4 m

– as replacement or function extension of products with suitable connection, such as thermostat, glass sensors or KNX thermostat

▶ 884

Suitable for	Order no.	Page
Thermostat, NO contact, with centre plate	2044 ..	100

IP67



Design	Order no.	PU
Temperature sensor (33 kΩ)	161	1

Communication/ Multimedia Technology

Multimedia socket outlets for consumer electronics, USB charging sockets or an in-wall radio with touch display and external audio input for an MP3 player – there are numerous possibilities for integrating new communication technologies into the installation. With Berker, this is possible with all switch ranges. The communication and multimedia connection technology is the modern way of dealing with the issue of "cable spaghetti", which is avoided right from the beginning.



05

Page

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Data communication

FCC socket outlets 1gang



FCC socket outlet, 8 (4)-pole, cat.3

Rated voltage	125 V=	– for connectors RJ11, RJ12 and RJ45, ISDN-compatible
Rated current	1 A	– with 45° oblique outlet
Transmission bandwidth	max. 16 MHz	– with screw terminals
Transition resistance	< 20 mΩ	
Conductor Ø	max. 1 mm	
Installation depth	22 mm	

Cat.3 according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

▶ 887



Design	Order no.	PU
white	4568	10



FCC socket outlet, 8-pole, cat.3

Rated voltage	125 V=	– for connectors RJ11, RJ12 and RJ45, ISDN-compatible
Rated current	1 A	– with 45° oblique outlet
Transmission bandwidth	max. 16 MHz	– with screw terminals
Transition resistance	< 20 mΩ	
Conductor Ø	max. 1 mm	
Installation depth	22 mm	

Cat.3 according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

▶ 887



Design	Order no.	PU
white	4538	10



FCC socket outlet 8pole shielded, cat.6/class E

Rated voltage	72 V=	– external eyelets on the supporting ring can be broken off for round designs
Rated current	0.5 A	– housing out of tin diecasting
Transmission bandwidth	max. 250 MHz	– for RJ11, RJ12 and RJ45 plugs
Signal contact resistance	20 mΩ	– suitable for PoE+
Shield contact resistance	100 mΩ	– with screen contacting 360° and strain relief
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)	– flexible cable routing
Installation depth	31 mm	– with 45° oblique outlet

Cat.6/class E according to ISO/IEC 11801, 2nd edition
Design to according to DIN EN 60603-7-5
Colour code A and B according to TIA/EIA-568-B.2

▶ 887



Design	Order no.	PU
FCC socket outlet 8pole shielded, cat.6/class E	4554 01	10



FCC socket outlet 8pole shielded, cat.6A iso

Rated voltage	72 V=	– external eyelets on the supporting ring can be broken off for round designs
Rated current	0.5 A	– housing out of tin diecasting
Transmission bandwidth	max. 500 MHz	– for RJ11, RJ12 and RJ45 plugs
Signal contact resistance	20 mΩ	– suitable for PoE+
Shield contact resistance	100 mΩ	– with screen contacting 360° and strain relief
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)	– flexible cable routing
Installation depth	31 mm	– with 45° oblique outlet

Cat.6_A iso/class E_A according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, Class B
Design to according to DIN EN 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2

▶ 887



Design	Order no.	PU
FCC socket outlet 8pole shielded, cat.6A iso	4586	10



WLAN Access-Point UP

Rated voltage	230 V~
Frequency	50/60 Hz
Power consumption (operation)	max. 3 W
Transmission rate WLAN	max. 150 Mbit/s
Transmission rate Ethernet	max. 10/100 Mbit/s
Frequency band	2.4 GHz
Installation depth	≈ 40 mm

WLAN Standards IEEE 802.11 b/g/n

For fitting in standard connection boxes according to DIN 49073 and DIN EN 60670

- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)
- ciphering method: WEP, WPA, WPA2
- WLAN range can be configured for adaptation to spatial conditions
- configuration of the integrated web server via web browser
- with integrated WLAN antenna
- with RJ45 jack on front
- LAN connection via 5pole screw terminal block
- with 2pole plug-in terminal for mains voltage

Manufacturer product line **Art. no.**
Reset magnet
Rutenbeck

Design	Order no.	PU
WLAN Access-Point UP	4582	1



WLAN Access-Point flush-mounted, PoE

Power over Ethernet (PoE)	48 V= (Class 0)
Power output PoE	max. 6.49 W
Power consumption PoE	max. 3 W
Transmission rate WLAN	max. 150 Mbit/s
Transmission rate Ethernet	max. 10/100 Mbit/s
Frequency band	2.4 GHz
Operating temperature	-5 ... +45 °C
Installation depth	≈ 40 mm

WLAN Standards IEEE 802.11 b/g/n

For fitting in standard connection boxes according to DIN 49073 and DIN EN 60670

- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)
- ciphering method: WEP, WPA, WPA2
- WLAN range can be configured for adaptation to spatial conditions
- configuration of the integrated web server via web browser
- with integrated WLAN antenna
- power supply (PoE, class2) of further network devices possible via RJ45 jack on front
- LAN connection/PoE power supply via 9pole screw terminal block

Manufacturer product line **Art. no.**
Reset magnet
Rutenbeck

Design	Order no.	PU
WLAN Access-Point flush-mounted, PoE	4583	1



Centre plate for FCC socket outlet

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- for WLAN access-points
- with 45° oblique outlet

Manufacturer product line **Art. no.**
FCC socket outlets
AMP
Brand-Rex
BTR
Crack-IT
Rutenbeck
Telegärtner
Telena

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1407 89 82	10
polar white glossy	1407 89 89	10
polar white matt	1407 19 09	10
anthracite matt	1407 16 06	10
aluminium matt, lacquered	1407 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	1407 60 82	10
polar white velvety	1407 60 89	10
anthracite velvety, lacquered	1407 60 86	10
aluminium velvety, lacquered	1407 60 84	10



Design	Order no.	PU
Berker K.1 K.5		
polar white glossy	1407 70 09	10
anthracite matt, lacquered	1407 70 06	10
alu, aluminium anodised	1407 70 03	10
stainless steel, metal matt finish	1407 70 04	10
Berker arsys		
white glossy	1407 00 02	10
polar white glossy	1407 00 69	10
brown glossy	1407 00 01	10
light bronze matt, aluminium lacquered	1408 00 01	10
stainless steel, metal matt finish	1408 00 04	10
gold matt, aluminium anodised	1408 00 02	10
Berker R.1 R.3 R.8		
polar white glossy	1407 20 89	10
black glossy	1407 20 45	10

FCC socket outlets 2gang

	FCC socket outlet, 2 x 8 (4)-pole, cat.3	▶ 887	
	Rated voltage	125 V=	– for connectors RJ11, RJ12 and RJ45, ISDN-compatible
	Rated current	1 A	– parallel contacted sockets
	Transmission bandwidth	max. 16 MHz	– with 45° oblique outlet
	Transition resistance	< 20 mΩ	– with screw terminals
	Conductor Ø	max. 1 mm	
	Installation depth	22 mm	
Cat.3 according to TIA/IAE-568-B.2			
Design to according to DIN EN 60603-7			



Design	Order no.	PU
white	4562	10

	FCC socket outlet, 8 /8-pole, cat.3	▶ 887	
	Rated voltage	125 V=	– for connectors RJ11, RJ12 and RJ45, ISDN-compatible
	Rated current	1 A	– with 45° oblique outlet
	Transmission bandwidth	max. 16 MHz	– with screw terminals
	Transition resistance	< 20 mΩ	
	Conductor Ø	max. 1 mm	
	Installation depth	22 mm	
Cat.3 according to TIA/IAE-568-B.2			
Design to according to DIN EN 60603-7			



Design	Order no.	PU
white	4539	10

	FCC socket outlet 8/8pole shielded, cat.6/class E	▶ 887	
	Rated voltage	72 V=	– external eyelets on the supporting ring can be broken off for round designs
	Rated current	0.5 A	– housing out of tin diecasting
	Transmission bandwidth	max. 250 MHz	– for RJ11, RJ12 and RJ45 plugs
	Signal contact resistance	20 mΩ	– suitable for PoE+
	Shield contact resistance	100 mΩ	– with screen contacting 360° and strain relief
	Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)	– flexible cable routing
	Installation depth	31 mm	– with 45° oblique outlet
	Cat.6/class E according to ISO/IEC 11801, 2nd edition		
	Design to according to DIN EN 60603-7-5		
Colour code A and B according to TIA/EIA-568-B.2			



Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6/class E	4555 01	10



FCC socket outlet 8/8pole shielded, cat.6 iso

▶ 887

Rated voltage	72 V=
Rated current	0.5 A
Transmission bandwidth	max. 500 MHz
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Installation depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and strain relief
- flexible cable routing
- with 45° oblique outlet
- without spreader claws
- with IDC terminals

Cat.6_A iso/class E_A according to ISO/IEC 11801 A2
 Protective screen according to DIN EN 55022, Class B
 Design according to DIN EN 60603-7-51
 Colour code A and B according to TIA/EIA-568-B.2



Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6 iso	4587	10



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- with 45° oblique outlet

Manufacturer product line **Art. no.**

- FCC socket outlets**
- AMP
 - Brand-Rex
 - BTR
 - CobiNet
 - Corning
 - Dätwyler
 - EFB Electronic
 - Elmat/Süveg (STL-Gruppe)
 - Komos
 - Leoni Kerpen
 - Rutenbeck
 - Setec
 - Telegärtner
- ISDN socket outlets (Rutenbeck)**
- Telekom

Design	Order no.	PU
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Berker S.1 | B.3 | B.7

white glossy	1409 89 82	10
polar white glossy	1409 89 89	10
polar white matt	1409 19 09	10
anthracite matt	1409 16 06	10
aluminium matt, lacquered	1409 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1409 60 82	10
polar white velvety	1409 60 89	10
anthracite velvety, lacquered	1409 60 86	10
aluminium velvety, lacquered	1409 60 84	10

Berker K.1 | K.5

polar white glossy	1409 70 09	10
anthracite matt, lacquered	1409 70 06	10
alu, aluminium anodised	1409 70 03	10
stainless steel, metal matt finish	1409 70 04	10

Berker arsys

white glossy	1409 00 02	10
polar white glossy	1409 00 69	10
brown glossy	1409 00 01	10
light bronze matt, aluminium lacquered	1410 00 01	10
stainless steel, metal matt finish	1410 00 04	10
gold matt, aluminium anodised	1410 00 02	10





Design	Order no.	PU
Berker R.1 R.3 R.8		
polar white glossy	1409 20 89	10
black glossy	1409 20 45	10

Modular FCC socket outlets



Modular FCC socket outlet 8/8pole shielded, cat.6 iso

▶ 886

Rated voltage	72 V=	– external eyelets on the supporting ring can be broken off for round designs
Rated current	0.5 A	– die-cast zinc housing
Transmission bandwidth	max. 500 MHz	– only suitable for RJ45 plugs
Signal contact resistance	< 20 mΩ	– suitable for PoE+
Shield contact resistance	100 mΩ	– with screen contacting 360° and strain relief
Copper conductor (solid) Ø0.51 ... 0.64 (AWG 24-22) mm		– with straight outlet
Copper conductor (flexible) Ø 0.4 ... 0.53 (AWG 26-24) mm		– with optional dust protection hinged covers
Installation depth	35 mm	– without spreader claws
		– with IDC-insulation displacement contacts

Cat.6_A iso\class E_A according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, Class B
Design to according to DIN EN 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2



Design	Order no.	PU
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	1



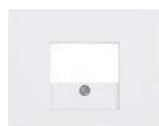
Centre plate with TAE cut-out

Suitable for	Order no.	Page
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	118

Manufacturer product line Art. no.

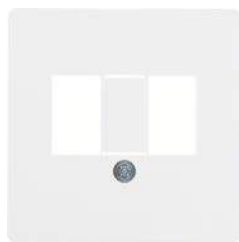
FCC socket outlets
Dätwyler
Rutenbeck
TAE and FCC overvoltage protection sockets
Dehn
EAD socket outlets
Drivex
Fröhlich + Walter
Intracom

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1033 89 12	10
polar white glossy	1033 89 19	10
polar white matt, with 2 knock out openings	1033 19 09	10
anthracite matt, with 2 knock out openings	1033 16 06	10
aluminium matt, lacquered, with 2 knock out openings	1033 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	1033 60 82	10
polar white velvety	1033 60 89	10
anthracite velvety, lacquered	1033 60 86	10
aluminium velvety, lacquered	1033 60 84	10
Berker K.1 K.5		
polar white glossy	1035 70 09	10
anthracite matt, lacquered	1035 70 06	10
alu, aluminium anodised	1035 70 03	10
stainless steel, metal matt finish	1035 70 04	10





Design	Order no.	PU
Berker arsys		
white glossy	1035 01 02	10
polar white glossy	1035 01 69	10
brown glossy	1035 01 01	10
light bronze matt, aluminium lacquered	1034 00 01	10
stainless steel, metal matt finish	1034 00 04	10
gold matt, aluminium anodised	1034 00 02	10
Berker R.1 R.3 R.8		
polar white glossy	1038 20 89	10
black glossy	1038 20 45	10



Central plate with TAE cut-out
- push-out



Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable in matching intermediate ring
- 1 knock out opening

Suitable for	Order no.	Page
Intermediate rings		page 133
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	118

Manufacturer product line	Art. no.
FCC socket outlets	
Dätwyler	
Rutenbeck	
TAE and FCC overvoltage protection sockets	
Dehn	
EAD socket outlets	
Drivex	
Fröhlich + Walter	
Intracom	

Design	Order no.	PU
white glossy	1458 02	10
polar white glossy	1458 09	10
brown glossy	1458 01	10

Installation of external modular jacks



Supporting plate with black mounting device 1gang for modular jack

Indexing dimension (W x H) $\approx 14.8 \times 20.5$ mm

- for centre plate with dust protector slider
- for 3M modular jacks cat.6 and cat.6A
- without spreader claws

Manufacturer product line	Art. no.
Modular jacks	
3M	

Design	Order no.	PU
Supporting plate with black mounting device 1gang for modular jack	4542 01	10



Supporting plate with red mounting device 1gang for modular jack

Indexing dimension (W x H) $\approx 15.5 \times 19.5 \text{ mm}$

- for centre plate with dust protector slider
- without spreader claws

Manufacturer product line

Modular jacks

Abitana
AMP
Assmann
Asyco
Dätwyler
Dr. Ing. Sieger
EFB Electronic
Erni
Hubbell
ICS
Leoni Kerpen
Nexans
Premium Line Systems
Radiall
Rutenbeck
Setec
Telegärtner
ZA-Tec

Art. no.

Design

Supporting plate with red mounting device 1gang for modular jack

Order no.

4540 01

PU

10



Supporting plate with white mounting device 1gang for modular jack

Indexing dimension (W x H) $\approx 14.9 \times 20.7 \text{ mm}$

- for centre plate with dust protector slider
- for AMP modular jacks series 110 Connect, cat.3, cat.5, cat.5e and cat.6
- without spreader claws

Manufacturer product line

Modular jacks

AMP
Brand-Rex
CobiNet
EFB Electronic

Art. no.

Design

Supporting plate with white mounting device 1gang for modular jack

Order no.

4540 02

PU

10



Supporting plate with green mounting device 1gang for modular jack

Indexing dimension (W x H) $\approx 17 \times 18 \text{ mm}$

- for centre plate with dust protector slider
- for Commscope-Systemax Modular Jacks cat.5 and cat.6
- without spreader claws

Manufacturer product line

Modular jacks

Commscope-Systemax: gigaSpeed

PowerSUM

MGS300BH-...

MGS400-...

MGS500-...

MPS100E-...

Art. no.

Design

Supporting plate with green mounting device 1gang for modular jack

Order no.

4540 04

PU

10



Centre plate with dust protection slider

- labelling field



Design

Order no.

PU

Berker S.1 | B.3 | B.7

white glossy	1170 89 82	10
polar white glossy	1170 89 89	10
polar white matt	1170 19 09	10
anthracite matt	1170 16 06	10
aluminium matt, lacquered	1170 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1170 60 82	10
polar white velvety	1170 60 89	10
anthracite velvety, lacquered	1170 60 86	10
aluminium velvety, lacquered	1170 60 84	10

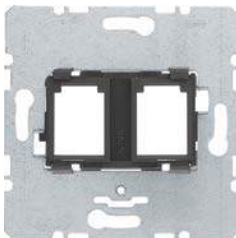
Berker K.1 | K.5

polar white glossy	1170 70 09	10
anthracite matt, lacquered	1170 70 06	10
aluminium matt, lacquered	1170 70 03	10
stainless steel matt, lacquered	1170 70 04	10

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	1170 20 89	10
black glossy ¹⁾	1170 20 45	10

¹⁾ without labelling field



Supporting plate with black mounting device 2gang for modular jacks

Indexing dimension (W x H)

≈ 14.8 x 20.5 mm

- for centre plate with dust protector slider
- for 3M modular jacks cat.6 and cat.6A
- without spreader claws

Manufacturer product line

Art. no.

Modular jacks

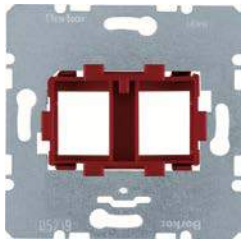
3M

Design

Order no.

PU

Supporting plate with black mounting device 2gang for modular jacks	4542 02	10
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Supporting plate with red mounting device 2gang for modular jacks

Indexing dimension (W x H) $\approx 15.5 \times 19.5 \text{ mm}$

- for centre plate with dust protector sliders
- without spreader claws

Manufacturer product line

Modular jacks

Abitana
AMP
Assmann
Asyco
Dätwyler
Dr. Ing. Sieger
EFB Electronic
Erni
Hubbell
ICS
Leoni Kerpen
Nexans
Premium Line Systems
Radiall
Rutenbeck
Setec
Telegärtner
ZA-Tec

Art. no.

Design

Order no.

PU

Supporting plate with red mounting device 2gang for modular jacks

4541 01

10



Supporting plate with white mounting device 2gang for modular jacks

Indexing dimension (W x H) $\approx 14.9 \times 20.7 \text{ mm}$

- for centre plate with dust protector sliders
- for AMP modular jacks series 110 Connect, cat.3, cat.5, cat.5e and cat.6
- without spreader claws

Manufacturer product line

Modular jacks

AMP
Brand-Rex
CobiNet
EFB Electronic

Art. no.

Design

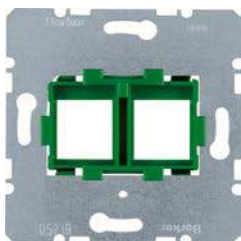
Order no.

PU

Supporting plate with white mounting device 2gang for modular jacks

4541 05

10



Supporting plate with green mounting device 2gang for modular jacks

Indexing dimension (W x H) $\approx 17 \times 18 \text{ mm}$

- for centre plate with dust protector sliders
- for Commscope-Systemax Modular Jacks cat.5 and cat.6
- without spreader claws

Manufacturer product line

Modular jacks

Commscope-Systemax: gigaSpeed

PowerSUM

MGS300BH-...

MGS400-...

MGS500-...

MPS100E-...

Design

Order no.

PU

Supporting plate with green mounting device 2gang for modular jacks

4541 04

10



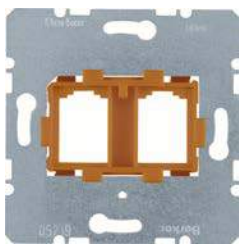
Supporting plate with brown mounting device 2gang for modular jacks

Indexing dimension (W x H) ≈ 14.9 x 19.5 mm

- for centre plate with dust protector sliders
- for Krone modular jacks, cat.5, cat.5e and cat.6
- without spreader claws

Manufacturer product line	Art. no.
Modular jacks	
Harting	
Krone	
Reichle&De-Massari	
Thomas & Betts	
Fibre-optic couplings	
3M	
Krone	
mvk	

Design	Order no.	PU
Supporting plate with brown mounting device 2gang for modular jacks	4541 07	10



Supporting plate with orange mounting device 2gang for modular jacks

Indexing dimension (W x H) ≈ 14.9 x 19.4 mm

- for centre plate with dust protector sliders
- without spreader claws

Manufacturer product line	Art. no.
Modular jacks	
BTR	
Dätwyler	

Design	Order no.	PU
Supporting plate with orange mounting device 2gang for modular jacks	4541 09	10



Centre plate with 2 dust protection sliders - labelling field



Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1181 89 82	10
polar white glossy	1181 89 89	10
polar white matt	1181 19 09	10
anthracite matt	1181 16 06	10
aluminium matt, lacquered	1181 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	1181 60 82	10
polar white velvety	1181 60 89	10
anthracite velvety, lacquered	1181 60 86	10
aluminium velvety, lacquered	1181 60 84	10
Berker K.1 K.5		
polar white glossy	1182 70 09	10
anthracite matt, lacquered	1182 70 06	10
aluminium matt, lacquered	1182 70 03	10
stainless steel matt, lacquered	1182 70 04	10
Berker arsys		
white glossy	1182 00 02	10
polar white glossy	1182 00 69	10
brown glossy	1182 00 01	10
light bronze matt, lacquered	1182 90 11	10
stainless steel matt, lacquered	1182 90 04	10





Design	Order no.	PU
Berker R.1 R.3 R.8		
polar white glossy ¹⁾	1181 20 89	10
black glossy ¹⁾	1181 20 45	10

¹⁾ without labelling field



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com HDMI™ module, double socket 1.3, type A
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com USB modules, double socket type A, USB 2.0 compliant
- for Mini-Com dummy modules 1gang
- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- without spreader claws

Suitable for	Order no.	Page
Mini jack, 8-pole		page 126
Multimedia modules		page 145
Intermediate rings		page 133

Manufacturer product line	Art. no.
Mini-Com modules	
Panduit	

Design	Order no.	PU
white glossy	1427 02	10
polar white glossy	1427 09	10
polar white matt/velvety	1427 19 09	10
anthracite, matt	1427 16 06	10
aluminium matt, lacquered	1427 14 04	10



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for connecting modules RJ45 cat.5e and cat.6
- for fibre-optic modules
- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- without spreader claws

Suitable for	Order no.	Page
Intermediate rings		page 133

Manufacturer product line	Art. no.
Modules	
Reichle&De-Massari	

Design	Order no.	PU
white glossy	1472 02	10
polar white glossy	1472 09	10
polar white matt/velvety	1472 19 09	10
anthracite, matt	1472 16 06	10
aluminium matt, lacquered	1472 14 04	10



Central plate for Reichle&De-Massari double module

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for connecting modules RJ45 cat.5e and cat.6
- for fibre-optic modules
- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- without spreader claws

Suitable for Intermediate rings **Order no.** **Page** page 133

Manufacturer product line **Art. no.**
Modules
Reichle&De-Massari
Diamond

Design	Order no.	PU
white glossy	1461 02	10
polar white glossy	1461 09	10
polar white matt/velvety	1461 19 09	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for AMP modular jacks series 110 Connect, cat.3, cat.5, cat.5e and cat.6
- for AMP fibre-optic couplings MT-RJ jacks
- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- without spreader claws

Suitable for Intermediate rings **Order no.** **Page** page 133

Manufacturer product line **Art. no.**
SL series toolless jack with dust protection
AMP
Standard 110 Connect jack
AMP
MT-RJ jack
AMP
Intracom
Telena
SL series 110 Connect Jack
AMP
Modular jacks
CobiNet
EFB Electronic
Schumann
SL series toolless jack
AMP

Design	Order no.	PU
white glossy	1463 02	10
polar white glossy	1463 09	10
polar white matt/velvety	1463 19 09	10
anthracite, matt	1463 16 06	10
aluminium matt, lacquered	1463 14 04	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for Krone modular jacks, cat.5, cat.5e and cat.6
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- without spreader claws

Suitable for
Intermediate rings **Order no.**
page 133

Manufacturer product line **Art. no.**

- Modular jacks**
- 3M
 - Assmann
 - Asyco
 - Dätwyler
 - Erni
 - Harting
 - Hubbell
 - ICS
 - Krone
 - Leoni Kerpen
 - Nexans
 - Premium Line Systems
 - Setec
 - Telegärtner
 - Thomas & Betts

Design	Order no.	PU
white glossy	1464 02	10
polar white glossy	1464 09	10
polar white matt/velvety	1464 19 09	10
anthracite, matt	1464 16 06	10
aluminium matt, lacquered	1464 14 04	10



Mini jack, 8-pole

Protective screen according to DIN EN 55022, Class B
Colour code A and B according to TIA/EIA-568-B.2
Cat.5 according to DIN EN 50173-1 and ISO/IEC 11801, 2nd edition
Cat.6 according to DIN EN 50173-1 and ISO/IEC 11801, 2nd edition

- with cutting terminals

Suitable for
Central plate for 3 MINI-COM modules **Order no.**
1427 .. **Page**
124

Design Order no. PU

Cat.6, RJ45, shielded (AWG 26)

aluminium **1985** 1

Cat.5e, RJ45, shielded (AWG 24-22)

aluminium **1984** 1

Cat.3, RJ45, ISDN-compatible, unshielded (AWG 24-22)

black **1980** 1



Mounting devices for fibre-optic couplings



Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for 2 fibre-optic couplings
- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- without spreader claws

Suitable for Intermediate rings **Order no.** **Page** page 133

Manufacturer product line **Art. no.**

Fibre-optic couplings

- Ackermann
- AMP
- Brand-Rex
- BTR
- CobiNet
- Corning
- Diamond
- Drahtex
- Huber+Suhner
- Quante
- Telegärtner

Design	Order no.	PU
white glossy, 2gang	1492 02	10
polar white glossy, 2gang	1492 09	10
polar white matt/velvety, 2gang	1492 19 09	10



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for 1 or 2 fibre-optic couplings
- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- 1 knock out opening
- without spreader claws

Suitable for Intermediate rings **Order no.** **Page** page 133

Manufacturer product line **Art. no.**

Fibre-optic couplings

- Ackermann
- AMP
- Brand-Rex
- BTR
- CobiNet
- Corning
- Diamond
- Drahtex
- FiberCraft
- Huber+Suhner
- Krone
- Quante
- Telegärtner

Design	Order no.	PU
white glossy	1480 02	10
polar white glossy	1480 09	10
polar white matt/velvety	1480 19 09	10

Antenna technology

Aerial sockets



Aerial socket 2hole single box

▶ 888

Wave impedance 75 Ω
Broadband technology 5 ... 2400 MHz
EN 50083-2 and EN 60728-4
Protective screen according to EN 50083-2, Class A

- external eyelets on the supporting ring can be broken off for round designs
- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- for digital and analogue transmission
- for terrestrial reception
- in star structure or decoupled spur lines
- suitable for HDTV
- direct voltage conducting (IN / IEC jack female)
- with plug-in terminals



Design	Order no.	PU
4 dB	4502 10	10



Aerial socket, 2hole throughpass socket

▶ 888

Broadband technology 5 ... 2400 MHz
EN 50083-2 and EN 60728-4
Protective screen according to EN 50083-2, Class A

- external eyelets on the supporting ring can be broken off for round designs
- for community, DVB-T and broadband cable systems
- for SAT house distributors
- for digital and analogue transmission
- for terrestrial reception
- in tree structure and trunk lines
- suitable for HDTV
- with plug-in terminals



Design	Order no.	PU
10 dB	4515 10	10
15 dB	4515 15	10
20 dB	4515 20	10



Aerial socket 3hole single box

▶ 888

- DC-permeable



Wave impedance 75 Ω
Broadband technology 5 ... 2400 MHz
EN 50083-2 and EN 60728-4
Protective screen according to EN 50083-2, Class A

- external eyelets on the supporting ring can be broken off for round designs
- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- for digital and analogue transmission
- for terrestrial reception
- in star structure or decoupled spur lines
- suitable for HDTV
- remote supply via F-socket
- DC voltage conducting
- with plug-in terminals



Design	Order no.	PU
5.5 dB	4522 10	10



Centre plate for aerial socket 2-/3hole

For aerial socket according to DIN 45330

- with knock out SAT input

Design	Order no.	PU
--------	-----------	----

Berker S.1 | B.3 | B.7

white glossy	1203 89 82	10
polar white glossy	1203 89 89	10
polar white matt	1203 19 09	10
anthracite matt	1203 16 06	10
aluminium matt, lacquered	1203 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1203 60 82	10
polar white velvety	1203 60 89	10
anthracite velvety, lacquered	1203 60 86	10
aluminium velvety, lacquered	1203 60 84	10

Design	Order no.	PU
Berker K.1 K.5		
polar white glossy	1201 70 19	10
anthracite matt, lacquered	1201 70 16	10
aluminium, aluminium anodised	1201 70 13	10
stainless steel, metal matt finish	1201 70 14	10
Berker arsys		
white glossy	1201 01 12	10
polar white glossy	1201 01 79	10
brown glossy	1201 01 11	10
light bronze matt, aluminium lacquered	1202 00 21	10
stainless steel, metal matt finish	1202 00 04	10
gold matt, aluminium anodised	1202 00 02	10
Berker R.1 R.3 R.8		
polar white glossy	1203 20 89	10
black glossy	1203 20 45	10



Aerial socket 4hole single box

- DC-permeable



Wave impedance 75 Ω
Broadband technology 5 ... 2400 MHz

EN 50083-2 and EN 60728-4
Protective screen (SAT) according to EN 50083-2, Class A
Protective screen (VHF/UHF) according to EN 50083-2, Class B

- for community and broadband cable systems
- for multi-switch systems
- for single and distributor SAT systems
- for digital and analogue transmission
- for terrestrial reception
- with 2 independent SAT outputs (F-sleeves) and 2 IEC outputs (male/female)
- for simultaneous connection of radio and TV receiver as well as 2 independent SAT receivers
- in star structure or decoupled spur lines
- suitable for HDTV
- remote supply via F-sockets
- also to add SAT programmes in broadband cable systems
- DC voltage conducting
- with screw terminals

▶ 888



Design	Order no.	PU
2 dB	4594 10	10



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

Suitable for Intermediate rings **Order no.** **Page**
page 133

Manufacturer product line **Art. no.**

Aerial sockets
Ankaro
Astro
Axing
Delta
Schwaiger

Design	Order no.	PU
Berker S. /B.3 B.7, Q.1 Q.3 Q.7 Q.9, K.1 K.5 - stainless steel, arsys		
white glossy	1484 02	10
polar white glossy	1484 09	10
polar white matt/velvety	1484 19 09	10
anthracite, matt	1484 16 06	10
aluminium matt, lacquered	1484 14 04	10
brown glossy	1484 01	10
light bronze matt, lacquered	1484 11	10
stainless steel matt, lacquered	1484 04	10
Berker K.5 - Aluminium		
aluminium, matt, lacquered	1484 70 03	10

Covers of external aerial sockets



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with 2 additional SAT outputs (F-sockets)

Design	Order no.	Page page 133
Berker S. /B.3 B.7, Q.1 Q.3 Q.7 Q.9, K.1 K.5 - stainless steel, arsys		
white glossy	1483 02	10
polar white glossy	1483 09	10
polar white matt/velvety	1483 19 09	10
anthracite, matt	1483 16 06	10
aluminium matt, lacquered	1483 14 04	10
brown	1483 01	10
light bronze matt, lacquered	1483 11	10
stainless steel matt, lacquered	1483 04	10
Berker K.5 - Aluminium		
aluminium, matt, lacquered	1483 70 03	10

Suitable for
Intermediate rings

Order no.

Page
page 133

Manufacturer product line

Art. no.

Aerial sockets

Hirschmann

Order no.

PU

Supplementary products

Cable outlets



Cable outlet

– for lines dia. max. 9 mm
– without terminal block
– with strain relief



Design	Order no.	PU
Cable outlet	4470	10



Cable outlet with low installation depth

Installation depth 22.5 mm
– for lines dia. max. 9 mm
– space-saving for relays, etc.
– without terminal block
– with strain relief
– with spreader claws



Design	Order no.	PU
Cable outlet with low installation depth	4468	10



Centre plate for cable outlet

– with an outlet below

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	1019 89 82	10
polar white glossy	1019 89 89	10
polar white matt	1019 19 09	10
anthracite matt	1019 16 06	10
aluminium matt, lacquered	1019 14 04	10

Manufacturer product line

Art. no.

VDo connector boxes

Komos

Rutenbeck

Telena

Order no.

PU



Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1019 60 82	10
polar white velvety	1019 60 89	10
anthracite velvety, lacquered	1019 60 86	10
aluminium velvety, lacquered	1019 60 84	10



Berker K.1 | K.5

polar white glossy	1005 70 09	10
anthracite matt, lacquered	1005 70 06	10
aluminium matt, lacquered	1005 70 03	10
stainless steel matt, lacquered	1005 70 04	10



Berker arsys

white glossy	1005 00 02	10
polar white glossy	1005 00 69	10
brown glossy	1005 00 01	10
light bronze matt, lacquered	1004 90 11	10
stainless steel matt, lacquered	1004 90 04	10



Berker R.1 | R.3 | R.8

polar white glossy	1019 20 89	10
black glossy	1019 20 45	10

Covers of external circular plug-in connectors



Central plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- with cut-out dia. 18.8 mm
- labelling field latchable in matching intermediate ring
- without spreader claws

Suitable for	Order no.	Page
Intermediate ring for central plate		page 133
optional		
Built-in socket for floating output	4604	683

Manufacturer product line Art. no.

Circular plug-in connector

- Amphenol-Tuchel
- Binder
- Cannon
- Farnell
- Hirose
- Hirschmann
- Lumberg
- Monacor
- RS Components

Signalling and command units

- Lumitas
- Schlegel

Extra low voltage jack

PRO-CAR

Design Order no. PU

Berker S. | /B.3 | B.7, Q.1 | Q.3 | Q.7 | Q.9, K.1 | K.5 - stainless steel, arsys

white glossy	1431 02	10
polar white glossy	1431 09	10
polar white matt/velvety	1431 19 09	10
anthracite, matt	1431 16 06	10
aluminium matt, lacquered	1431 14 04	10
stainless steel matt, lacquered	1431 04	10

Berker K.5 - Aluminium

aluminium, matt, lacquered	1431 70 03	10
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Centre plate with installation opening Ø 18.8 mm

Screw spacing 36 mm – with supporting plate
– with cut-out dia. 18.8 mm
– without spreader claws

Suitable for optional	Order no.	Page
Built-in socket for floating output	4604	683

Manufacturer product line **Art. no.**

Circular plug-in connector

Amphenol-Tuchel

Binder

Cannon

Farnell

Hirose

Hirschmann

Lumberg

Monacor

RS Components

Signalling and command units

Lumitas

Schlegel

Extra low voltage jack

PRO-CAR

Design	Order no.	PU
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Berker arsys

light bronze matt, aluminium lacquered	1070 01 01	10
stainless steel, metal matt finish	1070 01 04	10
gold matt, aluminium anodised	1070 01 02	10



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm – with supporting plate
– with cut-out dia. 22.5 mm
– labelling field latchable in matching intermediate ring
– without spreader claws

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

Suitable for	Order no.	Page
Intermediate ring for central plate		page 133

Manufacturer product line **Art. no.**

Signalling and command units

Kraus-Naimer

Lumitas

Schlegel

Overvoltage protection devices

Dehn

OBO-Bettermann

Design	Order no.	PU
--------	-----------	----

Berker S. | /B.3 | B.7, Q.1 | Q.3 | Q.7 | Q.9, K.1 | K.5 - stainless steel, arsys

white glossy	1432 02	10
polar white glossy	1432 09	10
polar white matt/velvety	1432 19 09	10
yellow glossy	1432 07	10
aluminium matt, lacquered	1432 14 04	10
anthracite, matt	1432 16 06	10
stainless steel matt, lacquered	1432 04	10

Berker K.5 - Aluminium

aluminium, matt, lacquered	1432 70 03	10
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Centre plate with installation opening Ø 22.5 mm

Screw spacing 36 mm – with supporting plate
 – with cut-out dia. 22.5 mm
 Installation aperture according to IEC 60947-5-1 – without spreader claws

Manufacturer product line **Art. no.**
Signalling and command units
 Kraus-Naimer
 Lumitas
 Schlegel
Overvoltage protection devices
 Dehn
 OBO-Bettermann

Design Order no. PU

Berker arsys

light bronze matt, aluminium lacquered	1071 01 01	10
stainless steel, metal matt finish	1071 01 04	10
gold matt, aluminium anodised	1071 01 02	10

Berker R.1 | R.3 | R.8

polar white glossy	1432 20 89	10
black glossy	1432 20 45	10
yellow glossy	1432 20 06	10



Intermediate rings

Intermediate ring for central plate

– labelling field latchable

Suitable for optional **Order no.** **Page**
 Labelling field for intermediate ring 1905 .. 133

Design Order no. PU

Berker S.1 | B.3 | B.7

white glossy	1109 89 82	10
polar white glossy	1109 89 89	10
polar white matt	1109 19 09	10
anthracite matt	1109 16 06	10
aluminium matt, lacquered	1109 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1109 60 82	10
polar white velvety	1109 60 89	10
anthracite velvety, lacquered	1109 60 86	10
aluminium velvety, lacquered	1109 60 84	10

Berker K.1 | K.5

polar white glossy	1108 70 09	10
anthracite matt, lacquered	1108 70 06	10
aluminium matt, lacquered	1108 70 03	10
stainless steel matt, lacquered	1108 70 04	10

Berker arsys

white glossy	1108 00 02	10
polar white glossy	1108 00 69	10
brown glossy	1108 00 01	10
light bronze matt, lacquered	1108 90 11	10
stainless steel matt, lacquered	1108 90 04	10



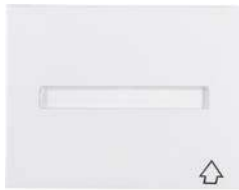
Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

Design Order no. PU

Berker S.1 | B.3 | B.7, Q.1 | Q.3 | Q.7 | Q.9, K.1 | K.5, arsys

white glossy	1905 00 02	10
polar white glossy	1905 00 69	10
aluminium matt, lacquered	1905 70 03	10
stainless steel matt, lacquered	1905 70 04	10

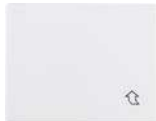


Intermediate ring with hinged cover

- for centre plate of third-party manufacturers with external dimension 50 x 50 mm
- with imprint

Design	Order no.	PU
Berker K.1 K.5		
polar white glossy ^{1) 2)}	1154 71 09	10
anthracite matt, lacquered ^{1) 2)}	1154 71 06	10
aluminium aluminium anodised ^{1) 2)}	1154 71 03	10
stainless steel, metal matt finish ^{1) 2)}	1154 71 04	10
Berker arsys		
white glossy	1154 00 02	10
polar white glossy	1154 00 69	10
brown glossy	1154 00 01	10
light bronze matt, aluminium lacquered	1154 10 01	10
stainless steel, metal matt finish	1154 10 04	10
gold matt, aluminium anodised	1154 10 02	10

¹⁾ Labelling field height arranged for 6 mm P-touch strips
²⁾ Hinged cover locks after opening in end position



Intermediate ring with hinged cover flat

- labelling field

- with imprint



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
Berker arsys		
white glossy	1155 00 02	10
polar white glossy	1155 00 69	10
brown glossy	1155 00 01	10
light bronze matt, aluminium lacquered	1155 10 01	10
stainless steel, metal matt finish	1155 10 04	10
gold matt, aluminium anodised	1155 10 02	10



Intermediate ring with hinged cover high

- labelling field

- with imprint



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
Berker arsys		
white glossy	1155 01 02	10
polar white glossy	1155 01 69	10
brown glossy	1155 01 01	10
light bronze matt, lacquered	1155 91 11	10
stainless steel matt, lacquered	1155 91 04	10

Charging equipment

USB charging sockets "SNAP IN"



230 V USB charging socket outlet 2gang, 3 A

- screw terminals



Input voltage	230 V~ (-15%/+10%)
Frequency	50/60 Hz
Output voltage	5 V= (± 5 %)
Rated current	at 230 V , 0.2 A
Output current per socket	max. 3 A
Output current when operating both sockets (total)	max. 3 A
Power consumption (standby)	max. 150 mW
Conductor cross-section (rigid)	max. 2.5 mm ²
Operating temperature	-5 ... +35 °C
Installation depth	32 mm

- for charging mobile end devices like tablets, smart phones, navigation devices and digital cameras via USB cable
- with 2 USB sockets type A
- short-circuit and overload proof (electronic fuse)
- with screw terminals (double for wiring through)

Suitable for	Order no.	Page
Centre plate with TAE cut-out		page 135
Central plate with TAE cut-out		page 136
Centre plate with TDO cut-out		page 136

No data transmission possible!
DIN EN 62680-3



Design	Order no.	PU
polar white matt	2602 09	1
anthracite matt	2602 05	1



Centre plate with TAE cut-out

Design	Order no.	Page
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135

Design

Berker S.1 | B.3 | B.7

white glossy	1033 89 12	10
polar white glossy	1033 89 19	10
polar white matt, with 2 knock out openings	1033 19 09	10
anthracite matt, with 2 knock out openings	1033 16 06	10
aluminium matt, lacquered, with 2 knock out openings	1033 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1033 60 82	10
polar white velvety	1033 60 89	10
anthracite velvety, lacquered	1033 60 86	10
aluminium velvety, lacquered	1033 60 84	10

Berker K.1 | K.5

polar white glossy	1035 70 09	10
anthracite matt, lacquered	1035 70 06	10
alu, aluminium anodised	1035 70 03	10
stainless steel, metal matt finish	1035 70 04	10

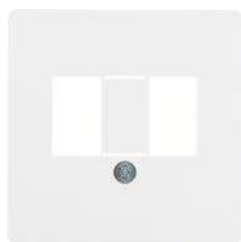
Berker arsys

white glossy	1035 01 02	10
polar white glossy	1035 01 69	10
brown glossy	1035 01 01	10
light bronze matt, aluminium lacquered	1034 00 01	10
stainless steel, metal matt finish	1034 00 04	10
gold matt, aluminium anodised	1034 00 02	10

Berker R.1 | R.3 | R.8

polar white glossy	1038 20 89	10
black glossy	1038 20 45	10





Central plate with TAE cut-out

- push-out



Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable in matching intermediate ring
- 1 knock out opening

Suitable for	Order no.	Page
Intermediate rings		page 133
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135

Design	Order no.	PU
white glossy	1458 02	10
polar white glossy	1458 09	10
brown glossy	1458 01	10



Centre plate with TDO cut-out

Suitable for	Order no.	Page
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135

Manufacturer product line

TDO connector boxes

Rutenbeck

Art. no.

Design	Order no.	PU
--------	-----------	----

Berker S.1 | B.3 | B.7

white glossy	68 1033 89 82	10
polar white glossy	68 1033 89 89	10
polar white matt	68 1033 19 09	10
anthracite matt	68 1033 16 06	10
aluminium matt, lacquered	68 1033 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	68 1033 60 82	10
polar white velvety	68 1033 60 89	10
anthracite velvety, lacquered	68 1033 60 86	10
aluminium velvety, lacquered	68 1033 60 84	10

Berker K.1 | K.5

polar white glossy ¹⁾	68 1034 70 09	10
anthracite matt, lacquered ¹⁾	68 1034 70 06	10
aluminium matt, lacquered ¹⁾	68 1034 70 03	10
stainless steel matt, lacquered ¹⁾	68 1034 70 04	10

Berker arsys

white glossy ¹⁾	68 1035 00 02	10
polar white glossy ¹⁾	68 1035 00 69	10
brown glossy ¹⁾	68 1035 00 01	10
light bronze matt, aluminium lacquered	68 1034 00 01	10
stainless steel, metal matt finish	68 1034 00 04	10

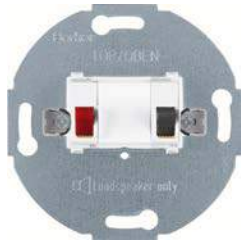
Berker R.1 | R.3 | R.8

polar white glossy	68 1033 20 89	10
black glossy	68 1033 20 45	10

¹⁾labelling field height arranged for 6 mm P-touch strips

Multimedia

Audio socket outlets



Loudspeaker connector box

Rated voltage
Conductor cross-section

60 V=
max. 10 mm²

– with plug-in terminals (on backside with screw terminals) ▶ 892

Suitable for	Order no.	Page
Centre plate with TAE cut-out		page 137
Central plate with TAE cut-out		page 138
Centre plate with TDO cut-out		page 138



Design	Order no.	PU
polar white, matt, plastic	4572 09	10
anthracite, matt	4572 05	10



Stereo loudspeaker connector box

Rated voltage
Conductor cross-section

60 V=
max. 10 mm²

– with plug-in terminals (on backside with screw terminals) ▶ 892

Suitable for	Order no.	Page
Centre plate with TAE cut-out		page 137
Central plate with TAE cut-out		page 138
Centre plate with TDO cut-out		page 138



Design	Order no.	PU
polar white, matt, plastic	4573 09	10
anthracite, matt	4573 05	10



Centre plate with TAE cut-out

Suitable for	Order no.	Page
Loudspeaker connector box	4572 ..	137
Stereo loudspeaker connector box	4573 ..	137

Design Order no. PU

Berker S.1 | B.3 | B.7

white glossy	1033 89 12	10
polar white glossy	1033 89 19	10
polar white matt, with 2 knock out openings	1033 19 09	10
anthracite matt, with 2 knock out openings	1033 16 06	10
aluminium matt, lacquered, with 2 knock out openings	1033 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1033 60 82	10
polar white velvety	1033 60 89	10
anthracite velvety, lacquered	1033 60 86	10
aluminium velvety, lacquered	1033 60 84	10

Berker K.1 | K.5

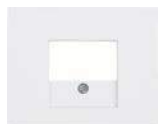
polar white glossy	1035 70 09	10
anthracite matt, lacquered	1035 70 06	10
alu, aluminium anodised	1035 70 03	10
stainless steel, metal matt finish	1035 70 04	10

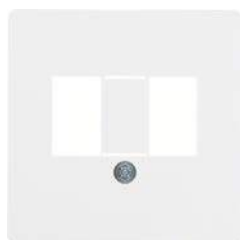
Berker arsys

white glossy	1035 01 02	10
polar white glossy	1035 01 69	10
brown glossy	1035 01 01	10
light bronze matt, aluminium lacquered	1034 00 01	10
stainless steel, metal matt finish	1034 00 04	10
gold matt, aluminium anodised	1034 00 02	10

Berker R.1 | R.3 | R.8

polar white glossy	1038 20 89	10
black glossy	1038 20 45	10





Central plate with TAE cut-out

- push-out



Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable in matching intermediate ring
- 1 knock out opening

Suitable for	Order no.	Page
Intermediate rings		page 133
Loudspeaker connector box	4572 ..	137
Stereo loudspeaker connector box	4573 ..	137

Design	Order no.	PU
white glossy	1458 02	10
polar white glossy	1458 09	10
brown glossy	1458 01	10



Centre plate with TDO cut-out

Suitable for	Order no.	Page
Loudspeaker connector box	4572 0 ..	137
Stereo loudspeaker connector box	4573 0 ..	137

Manufacturer product line
TDO connector boxes
Rutenbeck

Design	Order no.	PU
--------	-----------	----

Berker S.1 | B.3 | B.7

white glossy	68 1033 89 82	10
polar white glossy	68 1033 89 89	10
polar white matt	68 1033 19 09	10
anthracite matt	68 1033 16 06	10
aluminium matt, lacquered	68 1033 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	68 1033 60 82	10
polar white velvety	68 1033 60 89	10
anthracite velvety, lacquered	68 1033 60 86	10
aluminium velvety, lacquered	68 1033 60 84	10

Berker K.1 | K.5

polar white glossy ¹⁾	68 1034 70 09	10
anthracite matt, lacquered ¹⁾	68 1034 70 06	10
aluminium matt, lacquered ¹⁾	68 1034 70 03	10
stainless steel matt, lacquered ¹⁾	68 1034 70 04	10

Berker arsys

white glossy ¹⁾	68 1035 00 02	10
polar white glossy ¹⁾	68 1035 00 69	10
brown glossy ¹⁾	68 1035 00 01	10
light bronze matt, aluminium lacquered	68 1034 00 01	10
stainless steel, metal matt finish	68 1034 00 04	10

Berker R.1 | R.3 | R.8

polar white glossy	68 1033 20 89	10
black glossy	68 1033 20 45	10

¹⁾labelling field height arranged for 6 mm P-touch strips



Loudspeaker socket outlet High End

▶ 892

Clamp transition resistance	< 0.1 mΩ	– with 2 metal cable lugs, gold-plated design
Connect transition resistance	< 0.15 mΩ	– banana sockets also suitable for screw connection
Conductor cross-section	max. 10 mm ²	– with 2 metal banana sockets, gold-plated design
Installation depth	31 mm	– with 2 metal banana plugs, gold-plated design

Recommendation: use deep box for larger cross-sections.

Jack and plug with red or black identification ring, as well as a plug connection are suitable for protection low voltage.



Design	Order no.	PU
Loudspeaker socket outlet High End	4505 02	10

Centre plate for loudspeaker socket outlet

– 1 knock out opening

Design	Order no.	PU
--------	-----------	----

Berker S.1 | B.3 | B.7

white glossy	1196 89 82	10
polar white glossy	1196 89 89	10
polar white matt	1196 19 09	10
anthracite matt	1196 16 06	10
aluminium matt, lacquered	1196 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1196 60 82	10
polar white velvety	1196 60 89	10
anthracite velvety, lacquered	1196 60 86	10
aluminium velvety, lacquered	1196 60 84	10

Berker K.1 | K.5

polar white glossy	1184 70 09	10
anthracite matt, lacquered	1184 70 06	10
aluminium, aluminium anodised	1184 70 03	10
stainless steel, metal matt finish	1184 70 04	10

Berker arsys

light bronze matt, aluminium lacquered	1184 00 01	10
stainless steel, metal matt finish	1184 00 04	10
gold matt, aluminium anodised	1184 00 02	10

Berker R.1 | R.3 | R.8

polar white glossy	1196 20 89	10
black glossy	1196 20 45	10

Centre plate for loudspeaker socket outlet

- labelling field

– 1 knock out opening



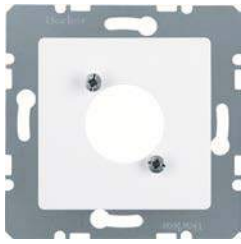
Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
--------	-----------	----

Berker arsys

white glossy	1185 00 02	10
polar white glossy	1185 00 69	10
brown glossy	1185 00 01	10

Covers of external audio sockets



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm
Screw spacing (horizontal/vertical) 19/24 mm

- with supporting plate
- speakon and jack connector
- labelling field latchable in matching intermediate ring
- without spreader claws

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Suitable for Intermediate rings Order no. Page page 133

Manufacturer product line Art. no.

Circular plug-in connector

- Cannon
- Deltron
- Farnell
- Hirose
- Monacor
- Neutrik
- RS Components

Design	Order no.	PU
white glossy	1412 02	10
polar white glossy	1412 09	10
polar white matt/velvety	1412 19 09	10
anthracite matt	1412 16 06	10

Video socket outlets



VGA socket outlet

Frequency range video max. 160 MHz
Resolution max. 1280 x 1024 px

- S-VGA compatible
- with 15pole D-subminiature double jack
- without spreader claws

For connecting PCs, notebooks, etc. to display devices such as monitors (including LCD monitors) and projectors.

Installation recommendation:
Kaiser: "Electronic box" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74
Fränkische: "Multimedia tube" for laying pre-assembled connection cable, Art. no. 294.10.092

Comply with the instructions of the cable and device manufacturers as to the maximum VGA cable length.

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	33 1540 89 82	10
polar white glossy	33 1540 89 89	10
polar white matt	33 1540 19 09	10
anthracite matt	33 1540 16 06	10
aluminium matt, lacquered	33 1540 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	33 1540 60 82	10
polar white velvety	33 1540 60 89	10
anthracite velvety, lacquered	33 1540 60 86	10
aluminium velvety, lacquered	33 1540 60 84	10
Berker K.1 K.5		
polar white glossy	33 1540 70 09	10
anthracite matt, lacquered	33 1540 70 06	10
aluminium matt, lacquered	33 1540 70 03	10
stainless steel matt, lacquered	33 1540 70 04	10
Berker arsys		
white glossy	33 1540 00 02	10
polar white glossy	33 1540 00 69	10
light bronze matt, lacquered	33 1540 90 11	10
stainless steel matt, lacquered	33 1540 90 04	10

VGA



▶ 886



Design	Order no.	PU
Berker R.1 R.3 R.8		
polar white glossy	33 1540 20 89	10
black glossy	33 1540 20 45	10



VGA socket outlet
- screw-in lift terminals



Frequency range video	max. 160 MHz
Resolution	max. 1280 x 1024 px
Conductor cross-section	max. 1.5 mm ²

- S-VGA compatible
- with 15pole D-subminiature jack (front)
- without spreader claws
- with screw-in lift terminals for connection to 15-core VGA cable

▶ 886

For connecting PCs, notebooks, etc. to display devices such as monitors (including LCD monitors) and projectors.

Installation recommendation:
Kaiser: "Electronic box" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74
Fränkische: "Multimedia tube" for laying pre-assembled connection cable, Art. no. 294.10.092

Comply with the instructions of the cable and device manufacturers as to the maximum VGA cable length.

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	33 1541 89 82	10
polar white glossy	33 1541 89 89	10
polar white matt	33 1541 19 09	10
anthracite matt	33 1541 16 06	10
aluminium matt, lacquered	33 1541 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	33 1541 60 82	10
polar white velvety	33 1541 60 89	10
anthracite velvety, lacquered	33 1541 60 86	10
aluminium velvety, lacquered	33 1541 60 84	10
Berker K.1 K.5		
polar white glossy	33 1541 70 09	10
anthracite matt, lacquered	33 1541 70 06	10
aluminium matt, lacquered	33 1541 70 03	10
stainless steel matt, lacquered	33 1541 70 04	10
Berker arsys		
white glossy	33 1541 00 02	10
polar white glossy	33 1541 00 69	10
light bronze matt, lacquered	33 1541 90 11	10
stainless steel matt, lacquered	33 1541 90 04	10
Berker R.1 R.3 R.8		
polar white glossy	33 1541 20 89	10
black glossy	33 1541 20 45	10

VGA



Multimedia sockets



High definition socket outlet

Frequency range (vertical) 50 ... 85 Hz
Resolution max. 1920 x 1080 px
Transmission rate max. 8.16 GBit/s

- gold-plated contacts
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
- 19pole
- without spreader claws

For the connection of digital devices for transmission of high-resolution audio and video signals, such as satellite receivers and DVD players, to LCD or LED screens.

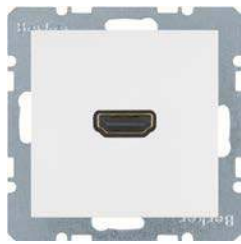
Installation recommendation:
Kaiser: "Electronic box" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74
Fränkische: "Multimedia tube" for laying pre-assembled connection cable, Art. no. 294.10.092

Comply with the instructions of the cable and device manufacturers as to the maximum HDMI cable length.

▶ 892

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	33 1542 89 82	1
polar white glossy	33 1542 89 89	1
polar white matt	33 1542 19 09	10
anthracite matt	33 1542 16 06	10
aluminium matt, lacquered	33 1542 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	33 1542 60 82	10
polar white velvety	33 1542 60 89	10
anthracite velvety, lacquered	33 1542 60 86	10
aluminium velvety, lacquered	33 1542 60 84	10
Berker K.1 K.5		
polar white glossy	33 1542 70 09	1
anthracite matt, lacquered	33 1542 70 06	1
aluminium matt, lacquered	33 1542 70 03	10
stainless steel matt, lacquered	33 1542 70 04	1
Berker arsys		
white glossy	33 1542 00 02	1
polar white glossy	33 1542 00 69	1
light bronze matt, lacquered	33 1542 90 11	1
stainless steel matt, lacquered	33 1542 90 04	1
Berker R.1 R.3 R.8		
polar white glossy	33 1542 20 89	10
black glossy	33 1542 20 45	10





High definition socket outlet with 90° plug connection

▶ 892

Frequency range (vertical) 50 ... 85 Hz
Resolution max. 1920 x 1080 px
Transmission rate max. 8.16 GBit/s

- gold-plated contacts
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
- 19pole
- without spreader claws

For the connection of digital devices for transmission of high-resolution audio and video signals, such as satellite receivers and DVD players, to LCD or LED screens.

Installation recommendation:
Kaiser: "Electronic box" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74
Fränkische: "Multimedia tube" for laying pre-assembled connection cable, Art. no. 294.10.092

Comply with the instructions of the cable and device manufacturers as to the maximum HDMI cable length.



Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	33 1543 89 82	10
polar white glossy	33 1543 89 89	10
polar white matt	33 1543 19 09	10
anthracite matt	33 1543 16 06	10
aluminium matt, lacquered	33 1543 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	33 1543 60 82	10
polar white velvety	33 1543 60 89	10
anthracite velvety, lacquered	33 1543 60 86	10
aluminium velvety, lacquered	33 1543 60 84	10
Berker K.1 K.5		
polar white glossy	33 1543 70 09	10
anthracite matt, lacquered	33 1543 70 06	10
aluminium matt, lacquered	33 1543 70 03	10
stainless steel matt, lacquered	33 1543 70 04	10
Berker arsys		
white glossy	33 1543 00 02	10
polar white glossy	33 1543 00 69	10
light bronze matt, lacquered	33 1543 90 11	10
stainless steel matt, lacquered	33 1543 90 04	10
Berker R.1 R.3 R.8		
polar white glossy	33 1543 20 89	10
black glossy	33 1543 20 45	10



3 x Cinch/S-Video socket outlet

Frequency range audio 20 ... 20000 Hz
 Frequency range video max. 160 MHz

- gold-plated contacts
- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack
- without spreader claws

Installation recommendation:
 Kaiser: "Electronic box" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74

Installation recommendation:
 Kaiser: "Electronic box" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74

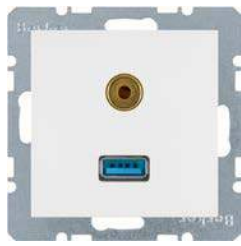
Fränkische: "Multimedia tube" for laying pre-assembled connection cable, Art. no. 294.10.092

▶ 892

S-Video
CINCH



Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	33 1532 89 82	10
polar white glossy	33 1532 89 89	10
polar white matt	33 1532 19 09	10
anthracite matt	33 1532 16 06	10
aluminium matt, lacquered	33 1532 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	33 1532 60 82	10
polar white velvety	33 1532 60 89	10
anthracite velvety, lacquered	33 1532 60 86	10
aluminium velvety, lacquered	33 1532 60 84	10
Berker K.1 K.5		
polar white glossy	33 1532 70 09	10
anthracite matt, lacquered	33 1532 70 06	10
aluminium matt, lacquered	33 1532 70 03	10
stainless steel matt, lacquered	33 1532 70 04	10
Berker arsys		
white glossy	33 1532 00 02	10
polar white glossy	33 1532 00 69	10
light bronze matt, lacquered	33 1532 90 11	10
stainless steel matt, lacquered	33 1532 90 04	10
Berker R.1 R.3 R.8		
polar white glossy	33 1532 20 89	10
black glossy	33 1532 20 45	10



USB/3.5 mm audio socket outlet

▶ 892

Frequency range audio 20 ... 20000 Hz
USB transmission rate max. 5 GBit/s

- double jack gold-plated 3.5 mm, stereo
- USB, double socket type A, USB 3.0 compliant
- reverse-compatible to USB 2.0
- without spreader claws

NEW, available from September 2018!
With **USB 3.0** double jack.

For connecting mobile devices, such as smartphones or MP3 players (mini audio), digital cameras and computer peripherals (USB).

Installation recommendation:
Kaiser: "Electronic box" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74
Fränkische: "Multimedia tube" for laying pre-assembled connection cable, Art. no. 294.10.092

For the special installation conditions in the new federal states.



Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	33 1539 89 82	10
polar white glossy	33 1539 89 89	10
polar white matt	33 1539 19 09	10
anthracite matt	33 1539 16 06	10
aluminium matt, lacquered	33 1539 14 04	10
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	33 1539 60 82	10
polar white velvety	33 1539 60 89	10
anthracite velvety, lacquered	33 1539 60 86	10
aluminium velvety, lacquered	33 1539 60 84	10
Berker K.1 K.5		
polar white glossy	33 1539 70 09	10
anthracite matt, lacquered	33 1539 70 06	10
aluminium matt, lacquered	33 1539 70 03	10
stainless steel matt, lacquered	33 1539 70 04	10
Berker arslys		
white glossy	33 1539 00 02	10
polar white glossy	33 1539 00 69	10
light bronze matt, lacquered	33 1539 90 11	10
stainless steel matt, lacquered	33 1539 90 04	10
Berker R.1 R.3 R.8		
polar white glossy	33 1539 20 89	10
black glossy	33 1539 20 45	10

Communication |
Multimedia

Multimedia modules



Cinch module set audio

▶ 886

Conductor Ø 0.5 ... 0.65 mm (AWG 24-22)
Conductor cross-section 0.2 mm² ... 0.325 mm²
Dimensions, per module (W x H x D) 15 x 18 x 35 mm

- with 2 Cinch sockets and module carriers
- with tool free cutting terminals

Suitable for Central plate for 3 MINI-COM modules
Order no. 1427 .. **Page** 124



Design	Order no.	PU
polar white/red	1989	1



Cinch module video

Conductor Ø 0.5 ... 0.65 mm (AWG 24-22)
 Conductor cross-section 0.2 mm² ... 0.325 mm²
 Dimensions (W x H x D) 15 x 18 x 35 mm

- with cinch socket and module carrier
- with tool free cutting terminals

▶ 886

Suitable for Central plate for 3 MINI-COM modules
Order no. 1427 .. **Page** 124



Design	Order no.	PU
polar white/yellow	1992	1



VGA module

Conductor cross-section 1.5 mm²
 Dimensions (W x H x D) 31 x 18 x 35 mm

- occupies 2 MINI-COM module spaces in the cover
- with a 15pole D-subminiature socket
- SVGA compatible
- with screw-in lift terminals

▶ 886

Suitable for Central plate for 3 MINI-COM modules
Order no. 1427 .. **Page** 124



Design	Order no.	PU
polar white/black	1994	1



S-Video module

Conductor Ø 0.5 ... 0.65 mm (AWG 24-22)
 Conductor cross-section 0.2 mm² ... 0.325 mm²
 Dimensions (W x H x D) 15 x 18 x 35 mm

- with S-Video and module carrier
- with tool free cutting terminals

▶ 886

Suitable for Central plate for 3 MINI-COM modules
Order no. 1427 .. **Page** 124



Design	Order no.	PU
polar white/black	1993	1



Blank module

Dimensions (W x H x D) 15 x 18 x 35 mm

Suitable for Central plate for 3 MINI-COM modules
Order no. 1427 .. **Page** 124

Design	Order no.	PU
polar white	1990	1

Consumer electronics

Radios



Berker Radio Touch

- loudspeaker



Operating voltage	230 V~
Frequency	50/60 Hz
Frequency range (radio reception)	87.5 ... 108 MHz
For loudspeakers	per channel 4 ... 8 Ω
Conductor cross-section	max. 2.5 mm ²
Conductor cross-section (loudspeakers)	max. 1.5 mm ²
Dimensions of display (W x H)	35 x 28 mm
Installation depth	33 mm

- stereo FM radio with RDS display
- with one loudspeaker
- illuminated touch graphics display
- time and date display
- operation via sensor areas of the touch display
- manual and automatic station search
- 8 station memory, non-volatile
- switch-on with last station
- countdown
- volume control
- alarm clock with snooze alarm
- sleep timer
- external audio input, e.g. for MP3 player or docking station
- with 2 loudspeaker connections
- extension unit input for separate on/off switching
- single and combination installation
- with screw terminals

Suitable for optional Loudspeakers	Order no.	Page
		page 148
Design	Order no.	PU

Berker S.1 | B.3 | B.7

polar white glossy	2880 89 89	1
polar white matt	2880 99 09	1
anthracite matt	2880 16 06	1
aluminium matt, lacquered	2880 14 04	1
stainless steel matt, lacquered	2880 89 16	1



Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	2880 60 82	1
polar white velvety	2880 60 89	1
anthracite velvety, lacquered	2880 60 86	1
aluminium velvety, lacquered	2880 60 84	1

Berker K.1 | K.5

polar white glossy	2880 70 09	1
anthracite matt, lacquered	2880 70 06	1
aluminium matt, lacquered	2880 70 03	1
stainless steel matt, lacquered	2880 70 04	1

Berker arsys

polar white glossy	2880 00 69	1
stainless steel matt, lacquered	2880 00 04	1





Berker Radio Touch

Operating voltage	230 V~	– stereo FM radio with RDS display
Frequency	50/60 Hz	– illuminated touch graphics display
Frequency range (radio reception)	87.5 ... 108 MHz	– time and date display
For loudspeakers	per channel 4 ... 8 Ω	– operation via sensor areas of the touch display
Conductor cross-section	max. 2.5 mm ²	– manual and automatic station search
Conductor cross-section (loudspeakers)	max. 1.5 mm ²	– 8 station memory, non-volatile
Dimensions of display (W x H)	35 x 28 mm	– switch-on with last station
Installation depth	33 mm	– countdown
		– volume control
		– alarm clock with snooze alarm
		– sleep timer
		– external audio input, e.g. for MP3 player or docking station
		– with 2 loudspeaker connections
		– extension unit input for separate on/off switching
		– with screw terminals

At least one loudspeaker must be connected for operation.

Suitable for Loudspeakers	Order no.	Page page 148
Design	Order no.	PU

Berker S.1 | B.3 | B.7

polar white glossy	2884 89 89	1
polar white matt	2884 99 09	1
anthracite matt	2884 16 06	1
aluminium matt, lacquered	2884 14 04	1
stainless steel matt, lacquered	2884 89 16	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	2884 60 82	1
polar white velvety	2884 60 89	1
anthracite velvety, lacquered	2884 60 86	1
aluminium velvety, lacquered	2884 60 84	1

Berker K.1 | K.5

polar white glossy	2884 70 09	1
anthracite matt, lacquered	2884 70 06	1
aluminium matt, lacquered	2884 70 03	1
stainless steel matt, lacquered	2884 70 04	1

Berker arsys

polar white glossy	2884 00 69	1
stainless steel matt, lacquered	2884 00 04	1



Loudspeakers



Loudspeaker

Impedance	4 Ω	– confectioned, with 2-core, double-insulated, flexible cable
Nominal/music power handling	3/4 W	– without spreader claws
Frequency response (-3 dB)	170 ... 18000 Hz	
Conductor cross-section (flexible)	0.5 mm ²	Suitable for
Pre-assembled cable	≈ 25 cm	Radios
Installation depth	35 mm	Order no.
		Page page 147

Design	Order no.	PU
--------	-----------	----

Berker S.1 | B.3 | B.7

polar white glossy	2882 89 89	1
polar white matt	2882 99 09	1
anthracite matt	2882 16 06	1
aluminium matt, lacquered	2882 14 04	1
stainless steel matt, lacquered	2882 89 16	1





Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	2882 60 82	1
polar white velvety	2882 60 89	1
anthracite velvety, lacquered	2882 60 86	1
aluminium velvety, lacquered	2882 60 84	1



Berker K.1 | K.5

polar white glossy	2882 70 09	1
anthracite matt, lacquered	2882 70 06	1
aluminium matt, lacquered	2882 70 03	1
stainless steel matt, lacquered	2882 70 04	1



Berker arsys

polar white glossy	2882 00 69	1
stainless steel matt, lacquered	2882 00 04	1



Ceiling loudspeaker Ø 140 mm

Impedance	8 Ω	– with membrane impregnated against humidity		
Nominal/music power handling	6/8 W	– with strain relief		
Frequency response (-3 dB)	170 ... 22000 Hz	– with spring mechanism for ceiling installation		
Sound pressure level 1 W/1 m	87 dB	– with plug-in terminal		
Sound pressure level at rated power	95 dB		Suitable for	Order no.
Beam angle (-6 dB):			Radios	Page
- at 8 kHz	80°			page 147
- at 4 kHz	130°			
- at 1 kHz	180°			
Recommended installation height	≈ 2.4 ... 4 m			
Conductor cross-section (flexible)	max. 2.5 mm ²			
Loudspeaker chassis Ø	87 mm			
Installation depth	62 mm			
Installation opening Ø	116 mm			
Installation wall thickness	max. 30 mm			

Suitable installation housings available from Kaiser and Spelsberg.



Design	Order no.	PU
white	2885 00 01	2



Ceiling loudspeaker Ø 80 mm

Impedance	20 Ω	– with spring mechanism for ceiling installation		
Nominal/music power handling	3/4 W	– with screw terminal		
Frequency response (-3 dB)	200 ... 16000 Hz			
Sound pressure level 1 W/1 m	82 dB		Suitable for	Order no.
Sound pressure level at rated power	87 dB		Radios	Page
Beam angle (-6 dB):				page 147
- at 8 kHz	140°			
- at 4 kHz	120°			
- at 1 kHz	180°			
Recommended installation height	≈ 2.4 ... 4 m			
Conductor cross-section (flexible)	max. 1.5 mm ²			
Loudspeaker chassis Ø	51 mm			
Installation depth	35 mm			
Installation opening Ø	68 mm			
Installation wall thickness	max. 15 mm			

Housing screws made of stainless steel.



Design	Order no.	PU
white	2885 00 00	1

Berker S.1 | B.3 | B.7 Inserts

The Berker S.1 is already a classic. Square, simple and timelessly elegant, the switch range has found its way into countless residential and office buildings. And with surfaces available in white, matt polar white and glossy polar white, the S.1 is always a subtle and modern addition to the room. The Berker B.3 revels in colour contrasts, e.g. with anthracite central inserts or its range of frames. In terms of shape, the range remains consistently rectangular, just like the B.7, which is also still available with aluminium central inserts.



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SCHUKO socket outlets

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

SCHUKO socket outlets



SCHUKO socket outlet

Rated voltage 250 V~ - with plug-in terminals
Rated current 16 A

▶ 895

Design	Order no.	PU
white glossy	4743 89 82	10
polar white glossy	4743 89 89	10
polar white matt	4743 19 09	10
anthracite matt	4743 16 06	10
aluminium matt, lacquered	4743 14 04	10



SCHUKO socket outlet

- enhanced contact protection - with plug-in terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	4723 89 82	10
polar white glossy	4723 89 89	10
polar white matt	4723 19 09	10
anthracite matt	4723 16 06	10
aluminium matt, lacquered	4723 14 04	10



SCHUKO socket outlet

- screw-in lift terminals - with screw-in lift terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	4143 89 82	10
polar white glossy	4143 89 89	10
polar white matt	4143 19 09	10
anthracite matt	4143 16 06	10
aluminium matt, lacquered	4143 14 04	10



SCHUKO socket outlet

- enhanced contact protection - with screw-in lift terminals
- screw-in lift terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	4123 89 82	10
polar white glossy	4123 89 89	10
polar white matt	4123 19 09	10
anthracite matt	4123 16 06	10
aluminium matt, lacquered	4123 14 04	10





SCHUKO socket outlet

- labelling field

- with plug-in terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	4750 89 82	10
polar white glossy	4750 89 89	10
polar white matt	4750 19 09	10
anthracite matt	4750 16 06	10
aluminium matt, lacquered	4750 14 04	10



SCHUKO socket outlet

- labelling field

- with plug-in terminals

▶ 895

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	4749 89 82	10
polar white glossy	4749 89 89	10
polar white matt	4749 19 09	10
anthracite matt	4749 16 06	10
aluminium matt, lacquered	4749 14 04	10



SCHUKO socket outlet

- labelling field

- with screw-in lift terminals

▶ 895

- enhanced contact protection

- screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	4149 89 82	10
polar white glossy	4149 89 89	10
polar white matt	4149 19 09	10
anthracite matt	4149 16 06	10
aluminium matt, lacquered	4149 14 04	10



SCHUKO socket outlet 45°

Rated voltage 250 V~ - for diagonal installation
Rated current 16 A - with plug-in terminals

▶ 895

Specially suited for combining several socket outlets if right angle plugs are used.

Design	Order no.	PU
white glossy	4727 89 82	10
polar white glossy	4727 89 89	10
polar white matt	4727 19 09	10
anthracite matt	4727 16 06	10
aluminium matt, lacquered	4727 14 04	10





SCHUKO socket outlet with LED orientation light

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Light intensity (white)	0.2 cd
Power consumption	0.25 W/0.35 VA
Switch-on brightness	ca. 2 lx
Switch-off brightness	ca. 4 lx
Conductor cross-section (rigid)	max. 2.5 mm ²

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
white glossy	4109 89 82	10
polar white glossy	4109 89 89	10
polar white matt	4109 19 09	10
anthracite matt, lacquered	4109 16 06	10
aluminium matt, lacquered	4109 14 04	10



SCHUKO socket outlet with control LED

▶ 895

- labelling field
- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

- with screw-in lift terminals

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	4110 89 82	10
polar white glossy	4110 89 89	10
polar white matt	4110 19 09	10



SCHUKO socket outlet with cover plate

▶ 895

Rated voltage	250 V~	- with plug-in terminals
Rated current	16 A	

Design	Order no.	PU
Berker S.1		
white glossy	4742 89 82	10
polar white glossy	4742 89 89	10
polar white matt	4742 99 09	10
anthracite matt	4742 99 49	10
aluminium matt, lacquered	4742 99 39	10





SCHUKO socket outlet with cover plate

▶ 895

- enhanced contact protection

- with plug-in terminals



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
Berker S.1		
white glossy	4722 89 82	10
polar white glossy	4722 89 89	10
polar white matt	4722 99 09	10
anthracite matt	4722 99 49	10
aluminium matt, lacquered	4722 99 39	10



Double SCHUKO socket outlet with cover plate, high

▶ 895

Rated voltage 250 V~
Rated current 16 A

- integrated earth handle in cover frame provides protection against soiling during painting and renovation work

Caution!
The cover plate with earth handle must be installed prior to commissioning.

- with plug-in terminals

Design	Order no.	PU
Berker S.1		
white glossy	4774 89 82	10
polar white glossy	4774 89 89	10
polar white matt	4774 19 09	10
anthracite matt	4774 16 06	10
aluminium matt, lacquered	4774 14 04	10



Double SCHUKO socket outlet with cover plate, high

▶ 895

- enhanced contact protection

- integrated earth handle in cover frame provides protection against soiling during painting and renovation work

- with plug-in terminals



Rated voltage 250 V~
Rated current 16 A

Caution!
The cover plate with earth handle must be installed prior to commissioning.

Design	Order no.	PU
Berker S.1		
white glossy	4759 89 82	10
polar white glossy	4759 89 89	10
polar white matt	4759 19 09	10
anthracite matt	4759 16 06	10
aluminium matt, lacquered	4759 14 04	10



Combination SCHUKO socket outlet 2gang with frame

▶ 895

Rated voltage 250 V~
Rated current 16 A

- 2 x 1gang, wired-through
- without spreader claws
- with plug-in terminals

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

Design	Order no.	PU
Berker S.1		
white glossy	4720 89 82	5
polar white glossy	4720 89 89	5
polar white matt	4720 99 09	5
anthracite matt	4720 99 49	5
aluminium matt, lacquered	4720 99 39	5





3gang SCHUKO socket outlet with cover plate

▶ 895

Rated voltage	250 V~	- common base, connected-through
Rated current	16 A	- without wall box
Installation time	≈ 2 min	- through-wiring possible
Conductor cross-section	2.5 mm ²	- without spreader claws
Pre-assembled cables	≈ 1 m	- with plug-in terminals

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

Design	Order no.	PU
Berker S.1		
polar white matt	4766 19 09	5
anthracite matt	4766 19 49	5
aluminium matt, lacquered	4766 19 39	5



SCHUKO socket outlets with hinged cover

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with frames 1-, 2- or 3gang of S.1 range and sealing set - order no. 10 10 89 0...



SCHUKO socket outlet with hinged cover

▶ 895

Rated voltage	250 V~	- with imprint
Rated current	16 A	- with plug-in terminals

Design	Order no.	PU
white glossy	4751 89 82	10
polar white glossy	4751 89 89	10
polar white matt	4751 19 09	10



SCHUKO socket outlet with hinged cover

▶ 895

Rated voltage	250 V~	- with imprint
Rated current	16 A	- with plug-in terminals

Design	Order no.	PU	Order no.	Page
white glossy ¹⁾	4752 89 82	10		192
polar white glossy ¹⁾	4752 89 89	10		192
polar white matt ¹⁾	4752 19 09	10		192
anthracite matt ¹⁾	4752 16 06	10		192
aluminium matt, lacquered ¹⁾	4752 14 04	10		192

¹⁾ Available from September 2018!



SCHUKO socket outlet with hinged cover

▶ 895

- screw-in lift terminals



Rated voltage	250 V~	- with imprint
Rated current	16 A	- with screw-in lift terminals

Design	Order no.	PU	Order no.	Page
white glossy ¹⁾	4124 89 82	10		192
polar white glossy ¹⁾	4124 89 89	10		192
polar white matt ¹⁾	4124 19 09	10		192
anthracite matt ¹⁾	4124 16 06	10		192
aluminium matt, lacquered ¹⁾	4124 14 04	10		192

¹⁾ Available from September 2018!





SCHUKO socket outlet with hinged cover

▶ 895

- enhanced contact protection
- installation position variable in 45° steps

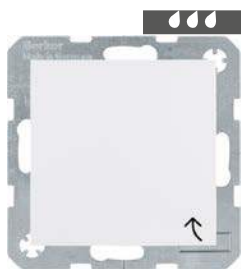
- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals



Rated voltage 250 V~
Rated current 16 A

Specially suited for combining several socket outlets if right angle plugs are used.

Design	Order no.	PU
white glossy	4744 89 82	10
polar white glossy	4744 89 89	10
polar white matt	4744 19 09	10
anthracite matt	4744 16 06	10
aluminium matt, lacquered	4744 14 04	10



SCHUKO socket outlet with hinged cover

▶ 895

- enhanced contact protection

- with imprint
- with plug-in terminals



Rated voltage 250 V~
Rated current 16 A

Suitable for Seatings IP44
Order no. Page
page 192

Design	Order no.	PU
white glossy ¹⁾	4724 89 82	10
polar white glossy ¹⁾	4724 89 89	10
polar white matt ¹⁾	4724 19 09	10
anthracite matt ¹⁾	4724 16 06	10
aluminium matt, lacquered ¹⁾	4724 14 04	10

¹⁾ Available from September 2018!



SCHUKO socket outlet with hinged cover

▶ 895

- labelling field
- enhanced contact protection
- installation position variable in 45° steps

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals



Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
white glossy	4746 89 82	10
polar white glossy	4746 89 89	10
polar white matt	4746 19 09	10
anthracite matt	4746 16 06	10
aluminium matt, lacquered	4746 14 04	10





SCHUKO socket outlet with hinged cover

▶ 895

- lock - differing closures



- e. g. for washing machine
- with 2 keys
- with spreader claws
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Design	Order no.	PU
white glossy	4763 89 82	10
polar white glossy	4763 89 89	10
polar white matt	4763 19 09	10
anthracite matt	4763 16 06	10
aluminium matt, lacquered	4763 14 04	10



SCHUKO socket outlet with hinged cover

▶ 895

- lock - differing closures
- screw-in lift terminals



- e. g. for washing machine
- with 2 keys
- with spreader claws
- with screw-in lift terminals

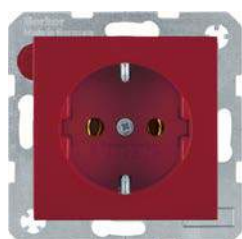
Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Design	Order no.	PU
white glossy	4163 89 82	10
polar white glossy	4163 89 89	10
polar white matt	4163 19 09	10
anthracite matt	4163 16 06	10
aluminium matt, lacquered	4163 14 04	10



SCHUKO socket outlets for special applications



SCHUKO socket outlet

▶ 895

Rated voltage 250 V~ - with plug-in terminals
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy	4743 89 12	10
green glossy	4743 89 13	10
orange glossy	4743 89 14	10
red matt	4743 19 12	10
green matt	4743 19 13	10
orange matt	4743 19 14	10



SCHUKO socket outlet

▶ 895

- enhanced contact protection



- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
orange glossy	4723 89 14	10
orange matt	4723 19 14	10





SCHUKO socket outlet
- screw-in lift terminals

- with screw-in lift terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy	4143 89 12	10
green glossy	4143 89 13	10
orange glossy	4143 89 14	10
red matt	4143 19 12	10
green matt	4143 19 13	10
orange matt	4143 19 14	10



SCHUKO socket outlet with imprint
- screw-in lift terminals

- with imprint
- with plug-in terminals

▶ 895

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy, imprint "EDV"	4743 89 22	10
green glossy, imprint "SV"	4743 89 03	10
orange glossy, imprint "ZSV"	4743 89 07	10
red matt, imprint "EDV"	4743 19 22	10
green matt, imprint "SV"	4743 19 03	10
orange matt, imprint "ZSV"	4743 19 07	10



SCHUKO socket outlet with imprint
- enhanced contact protection

- with imprint
- with plug-in terminals

▶ 895

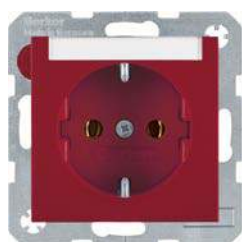


Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy, imprint "EDV"	4723 89 22	10
green glossy, imprint "SV"	4723 89 03	10
orange glossy, imprint "ZSV"	4723 89 07	10
red matt, imprint "EDV"	4723 19 22	10
green matt, imprint "SV"	4723 19 03	10
orange matt, imprint "ZSV"	4723 19 07	10





SCHUKO socket outlet

- labelling field

- with plug-in terminals

▶ 895

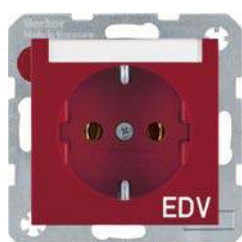


Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
red glossy	4750 89 02	10
green glossy	4750 89 03	10
orange glossy	4750 89 07	10
red matt	4750 19 02	10
green matt	4750 19 03	10
orange matt	4750 19 07	10



SCHUKO socket outlet with imprint

- labelling field

- with plug-in terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
red glossy, imprint "EDV"	4750 89 15	10
green glossy, imprint "SV"	4750 89 13	10
orange glossy, imprint "ZSV"	4750 89 14	10
red matt, imprint "EDV"	4750 19 15	10
green matt, imprint "SV"	4750 19 13	10
orange matt, imprint "ZSV"	4750 19 14	10



SCHUKO socket outlet with control LED and imprint

- labelling field

- enhanced contact protection

- screw-in lift terminals

- with screw-in lift terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height arranged for P-touch strips 6 mm.

Execution SV, ZSV according to VDE 0100-710

Design	Order no.	PU
red glossy, imprint "EDV"	4110 89 15	10
green glossy, imprint "SV"	4110 89 13	10
orange glossy, imprint "ZSV"	4110 89 14	10
red matt, imprint "EDV"	4110 19 15	10
green matt, imprint "SV"	4110 19 13	10
orange matt, imprint "ZSV"	4110 19 14	10



Safety devices flush-mounted

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection

▶ 894

- labelling field
- screw terminals



- with imprint
- with indicator LED for "on/error"
- with acoustic fault signal
- with screw terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Installation depth	32 mm

Labelling field height arranged for P-touch strips 6 mm.
Connection terminals according to IEC 60884-1
Overvoltage protection according to EN 61643 and VDE 0675-6-11

Design	Order no.	PU
white glossy	4108 89 82	1
polar white glossy	4108 89 89	1
polar white matt	4108 19 09	1
anthracite matt	4108 16 06	1
aluminium matt, lacquered	4108 14 04	1
red glossy	4108 89 62	1
red matt	4108 19 62	1



SCHUKO socket outlet with residual current circuit-breaker

▶ 893

- enhanced contact protection



- to protect connected and downstream loads
- type A for alternating currents and pulsating direct currents
- with spreader claws
- with plug-in terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Surge current resistance	250 A (8/20) µs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA
Trigger time	≤ 30 ms

Through-wired socket outlets are also protected.

For use in old installations with provision made to safeguard existing standards without additional protective regulations

Connection terminals according to IEC 60884-1

Tested conform VDE 0664 (EN 61008)

Design	Order no.	PU
white glossy	4708 89 82	1
polar white glossy	4708 89 89	1
polar white matt	4708 19 09	1



Covers for protection switch



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with adapter ring for centre plate 50 x 50 mm from the corresponding range.

Suitable for	Order no.	Page
Adapter rings for centre plates 50 x 50 mm	2844 01	page 187
Residual current circuit-breaker		35

Design	Order no.	PU
white glossy	1496 02	1
polar white glossy	1496 09	1
polar white matt/velvety	1496 19 09	1
anthracite, matt	1496 16 06	1
aluminium matt, lacquered	1496 14 04	1

International socket outlet systems

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

Socket outlets without earthing contact



Socket outlet without earthing contact

▶ 895

Rated voltage	250 V~	- 2pole
Rated current	16 A	- without spreader claws
Mirror depth	8 mm	- with plug-in terminals

Design	Order no.	PU
white glossy	61 6703 89 82	10
polar white glossy	61 6703 89 89	10
polar white matt	61 6703 19 09	10



Socket outlet without earthing contact

▶ 895

- enhanced contact protection



- 2pole
- without spreader claws
- with plug-in terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	8 mm

Design	Order no.	PU
polar white matt	61 6733 19 09	10
anthracite matt	61 6733 16 06	10
aluminium matt, lacquered	61 6733 14 04	10



Socket outlet without earthing contact for razors

- screw terminals



- with VDE transformer
- 2pole
- with imprint
- for flush-mounted box, 2gang, with bolt spacing 120.6 mm
- hidden screw fastening via supporting plate in flush-mounted box, 2-gang
- with screw terminals

Input voltage	230 V~
Frequency	50/60 Hz
Output voltage depending on plug position	115/230 V~
Power	20 VA

Razor socket outlet transformer according to EN 61558-1, -2-5

For installation into wall boxes according to BS 4662:2006+A1:2009, figure 2: Standard box 2gang with nominal depth 47 mm

Design	Order no.	PU
Berker S.1		
polar white matt	33 4475 89 09	1
anthracite matt	33 4475 86 06	1



Socket outlets with earthing pin



Socket outlet with earthing pin

- enhanced contact protection

- 2pole + earth
- with plug-in terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

Design	Order no.	PU
white glossy	67 6876 89 82	10
polar white glossy	67 6876 89 89	10
polar white matt	67 6876 19 09	10
anthracite matt	67 6876 16 06	10
aluminium matt, lacquered	67 6876 14 04	10



Socket outlet with earthing pin

- enhanced contact protection
- screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

Design	Order no.	PU
white glossy	67 6576 89 82	10
polar white glossy	67 6576 89 89	10
polar white matt	67 6576 19 09	10
anthracite matt	67 6576 16 06	10
aluminium matt, lacquered	67 6576 14 04	10



Socket outlet with earthing pin and LED orientation light

- enhanced contact protection
- screw-in lift terminals

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- 2pole + earth
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

▶ 895



Rated voltage 250 V~
Frequency 50/60 Hz
Rated current 16 A
Light intensity (white) 0.2 cd
Power consumption 0.25 W/0.35 VA
Switch-on brightness ca. 2 lx
Switch-off brightness ca. 4 lx
Conductor cross-section (rigid) max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
white glossy	67 6510 89 82	10
polar white glossy	67 6510 89 89	10
polar white matt	67 6510 19 09	10
anthracite matt	67 6510 16 06	10
aluminium matt, lacquered	67 6510 14 04	10





Socket outlet with earth contact pin and monitoring LED

▶ 895

- enhanced contact protection
- screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

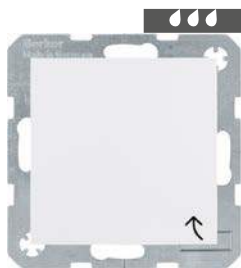
Design	Order no.	PU
white glossy	67 6509 89 82	10
polar white glossy	67 6509 89 89	10
polar white matt	67 6509 19 09	10



Socket outlets with earthing pin and hinged cover



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with frames 1-, 2- or 3gang of S.1 range and sealing set - order no. 10 10 89 0...



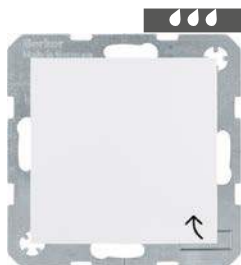
Socket outlet with earthing pin and hinged cover

▶ 895

Rated voltage 250 V~ – 2pole + earth
Rated current 16 A – with hinged cover that falls back
– with imprint
– with plug-in terminals

Suitable for	Order no.	Page
Sealing set for socket outlets/centre plates/switches/push-buttons		page 192
Sealing set 1gang for socket outlets, centre plates, rocker switches/push-buttons and switches/push-buttons with lock for blinds	1010 89 01	192

Design	Order no.	PU
white glossy	67 6877 89 82	10
polar white glossy	67 6877 89 89	10
polar white matt	67 6877 19 09	10
anthracite matt	67 6877 16 06	10
aluminium matt, lacquered	67 6877 14 04	10



Socket outlet with earthing pin and hinged cover

▶ 895

- screw-in lift terminals

- 2pole + earth
- with hinged cover that falls back
- with imprint
- with screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

Suitable for	Order no.	Page
Sealing set for socket outlets/centre plates/switches/push-buttons		page 192
Sealing set 1gang for socket outlets, centre plates, rocker switches/push-buttons and switches/push-buttons with lock for blinds	1010 89 01	192

Design	Order no.	PU
white glossy	67 6577 89 82	10
polar white glossy	67 6577 89 89	10
polar white matt	67 6577 19 09	10
anthracite matt	67 6577 16 06	10
aluminium matt, lacquered	67 6577 14 04	10





Socket outlet with earthing pin and hinged cover

▶ 895

- lock - differing closures



- e. g. for washing machine
- 2pole + earth
- with 2 keys
- with spreader claws
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Design	Order no.	PU
white glossy	67 6811 89 82	10
polar white glossy	67 6811 89 89	10
polar white matt	67 6811 19 09	10
anthracite matt, lacquered	67 6811 16 06	10
aluminium matt, lacquered	67 6811 14 04	10



Socket outlet with earthing pin and hinged cover

▶ 895

- lock - differing closures
- screw-in lift terminals



- e. g. for washing machine
- 2pole + earth
- with 2 keys
- with spreader claws
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Design	Order no.	PU
white glossy	67 6511 89 82	10
polar white glossy	67 6511 89 89	10
polar white matt	67 6511 19 09	10
anthracite matt, lacquered	67 6511 16 06	10
aluminium matt, lacquered	67 6511 14 04	10



Socket outlets with earthing pin for special applications



Socket outlet with earthing pin

▶ 895

- enhanced contact protection



- 2pole + earth
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

Insert colour-coded.

Design	Order no.	PU
red glossy	67 6876 89 62	10
green glossy	67 6876 89 63	10
red matt	67 6876 00 62	10
green matt	67 6876 00 63	10

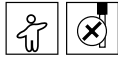




Socket outlet with earthing pin

- enhanced contact protection
- screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

Insert colour-coded.

Design	Order no.	PU
red glossy	67 6576 89 62	10
green glossy	67 6576 89 63	10
red matt	67 6576 00 62	10
green matt	67 6576 00 63	10



▶ 895



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

Insert colour-coded.

Design	Order no.	PU
red glossy	67 6509 89 15	10
green glossy	67 6509 89 13	10
orange glossy	67 6509 89 14	10
red matt	67 6509 19 15	10
green matt	67 6509 19 13	10
orange matt	67 6509 19 14	10



▶ 895

BRITISH STANDARD socket outlets

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1



Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

- enhanced contact protection
- screw terminals

- 2pole + earth
- without spreader claws
- with screw terminals



Rated voltage	250 V~
Rated current	13 A

Suitable for	Order no.	Page
Centre plate for socket outlets, British Standard, can be switched off		page 166

Design	Order no.	PU
white glossy	5342 02 12	10
polar white glossy	5342 02 19	10
anthracite matt	5342 02 16	10



▶ 895



Centre plate for socket outlets, British Standard, can be switched off

Suitable for	Order no.	Page
Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off	5342 02 1 ..	166

Design	Order no.	PU
white glossy	33 1307 89 82	10
polar white glossy	33 1307 89 89	10
polar white matt	33 1307 99 09	10
anthracite matt	33 1307 16 06	10
aluminium matt, lacquered	33 1307 14 04	10

NEMA-socket outlets



**Socket outlet with earthing contact USA/CANADA
NEMA 5-15 R**

▶ 895

- screw terminals



- 2pole + earth
- without spreader claws
- with screw terminals

Rated voltage	125 V~
Rated current	15 A
Conductor cross-section (rigid)	max. 2 x 4 mm ²
Installation depth	19 mm

Not UL-certified.
Standard NEMA 5-15 R

Design	Order no.	PU
white glossy	4166 89 82	10
polar white glossy	4166 89 89	10
polar white matt	4166 19 09	10



**Socket outlet with earthing contact USA/CANADA
NEMA 5-20 R**

▶ 895

- screw terminals



- 2pole + earth
- without spreader claws
- with screw terminals

Rated voltage	125 V~
Rated current	20 A
Conductor cross-section (rigid)	max. 2 x 4 mm ²
Installation depth	19 mm

Not UL-certified.
Standard NEMA 5-20 R

Design	Order no.	PU
white glossy	4168 89 82	10
polar white glossy	4168 89 89	10
polar white matt, lacquered	4168 19 09	10



Push-button



Push-button complete for stairway light

- screw terminals



- without neon lamp
- NO contact
- with screw terminals
- with insert, frame, centre plate and red button

Rated voltage	250 V~
Momentary-contact current	2 A

Suitable for Neon lamp E10	Order no. 1601	Page 57
--------------------------------------	--------------------------	-------------------

Design	Order no.	PU
Berker S.1		
white glossy	5101 89 82	10
polar white glossy	5101 89 89	10
polar white matt	5101 99 09	10



Covers for switches/push-buttons

Rockers

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with frames 1-, 2- or 3gang of S.1 range and sealing set - order no. 10 10 89 0...



Rocker

Design	Suitable for	Order no.	Page
	Rocker switches Rocker push-buttons		page 20 page 20
Design	Order no.		PU
white glossy	1620 89 82		10
polar white glossy	1620 89 89		10
polar white matt	1620 19 09		10
anthracite matt	1620 16 06		10
aluminium matt, lacquered	1620 14 04		10



Rocker screw-on

– with cover plug for screw fitting

Design	Suitable for	Order no.	Page
	Rocker switches Rocker push-buttons		page 20 page 20
Design	Order no.		PU
polar white matt	1570 19 09		10
anthracite matt	1570 16 06		10
aluminium matt, lacquered	1570 14 04		10



Rocker with fixing element

– with IP44 fixing piece to screw on

Design	Suitable for	Order no.	Page
	Rocker switches Rocker push-buttons Sealings IP44		page 20 page 20 page 192
Design	Order no.		PU
Berker S.1			
white glossy	1629 89 82		10
polar white glossy	1629 89 89		10
polar white matt	1629 19 09		10
anthracite matt	1629 16 06		10
aluminium matt, lacquered	1629 14 04		10



Rocker

- labelling field



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Design	Suitable for	Order no.	Page
	Rocker switches Rocker push-buttons		page 20 page 20
Design	Order no.		PU
white glossy	1626 89 82		10
polar white glossy	1626 89 89		10
polar white matt	1626 19 09		10
anthracite matt	1626 16 06		10
aluminium matt, lacquered	1626 14 04		10



Rocker

- lens



Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

– for illumination and monitoring circuit

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Design	Order no.	PU
white glossy	1621 89 82	10
polar white glossy	1621 89 89	10
polar white matt	1621 19 09	10
anthracite matt	1621 16 06	10
aluminium matt, lacquered	1621 14 04	10



Rocker with fixing element

- lens



Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

– for illumination and monitoring circuit
– with IP44 fixing piece to screw on

Suitable for
Rocker switches
Rocker push-buttons
Sealings IP44

Order no.

Page
page 20
page 20
page 192

Design	Order no.	PU
Berker S.1		
white glossy	1629 89 92	10
polar white glossy	1629 89 99	10
polar white matt	1629 19 19	10
anthracite matt	1629 16 16	10
aluminium matt, lacquered	1629 14 14	10



Rocker screw-on

- lens



Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

– for illumination and monitoring circuit
– with cover plug for screw fitting

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Design	Order no.	PU
polar white matt	1572 19 09	10
anthracite matt	1572 16 06	10
aluminium matt, lacquered	1572 14 04	10



Rocker

- labelling field

- lens



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.
Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

– for illumination and monitoring circuit

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Design	Order no.	PU
white glossy	1628 89 82	10
polar white glossy	1628 89 89	10
polar white matt	1628 19 09	10
anthracite matt	1628 16 06	10
aluminium matt, lacquered	1628 14 04	10



Rocker

- large labelling field
- lens



Labelling field (W x H) ≈ 50.8 x 25.5 mm

For labelling with names, notes etc.

Labelling field height designed for two 12 mm P-touch strips.

Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

– for illumination and monitoring circuit

Suitable for
Rocker switches
Rocker push-buttons

Order no.

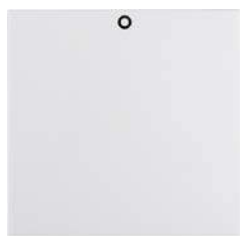
Page
page 20
page 20

Design	Order no.	PU
white glossy	1696 89 82	10
polar white glossy	1696 89 89	10
polar white matt	1696 19 09	10
anthracite matt	1696 16 06	10
aluminium matt, lacquered	1696 14 04	10

Rockers for multi-pole rocker switches



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with frames 1-, 2- or 3gang of S.1 range and sealing set - order no. 10 10 89 0...



Rocker with imprint "0"

Suitable for
Multi-pole rocker switches

Order no.

Page
page 26

Design	Order no.	PU
white glossy	1622 89 82	10
polar white glossy	1622 89 89	10
polar white matt	1622 19 09	10
anthracite matt	1622 16 06	10
aluminium matt, lacquered	1622 14 04	10



Rocker with imprint "0", screw-on

– with cover plug for screw fitting

Suitable for
Multi-pole rocker switches

Order no.

Page
page 26

Design	Order no.	PU
polar white matt	1573 19 09	10
anthracite matt	1573 16 06	10
aluminium matt, lacquered	1573 14 04	10



Rocker with imprint "0", fixing element



– with IP44 fixing piece to screw on



Suitable for
Multi-pole rocker switches
Sealings IP44

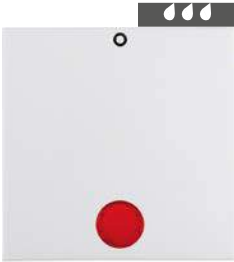

Order no.

Page
page 26
page 192


Design	Order no.	PU
Berker S.1		
white glossy	1629 89 72	10
polar white glossy	1629 89 79	10
polar white matt	1629 19 29	10
anthracite matt	1629 16 26	10
aluminium matt, lacquered	1629 14 24	10

	Rocker with imprint "0"			
	- red lens		- for illumination and monitoring circuit	
		Suitable for	Order no.	Page
	Design	Multi-pole rocker switches		page 26
	white glossy			PU
	polar white glossy	1624 89 82		10
	polar white matt	1624 89 89		10
anthracite matt	1624 19 09		10	
aluminium matt, lacquered	1624 16 06		10	
	1624 14 04		10	

	Rocker with imprint "0", screw-on			
	- red lens		- for illumination and monitoring circuit	
			- with cover plug for screw fitting	
		Suitable for	Order no.	Page
	Design	Multi-pole rocker switches		page 26
	polar white matt			PU
	anthracite matt	1577 19 09		10
aluminium matt, lacquered	1577 16 06		10	
	1577 14 04		10	

	Rocker with imprint "0", fixing element			
	- red lens		- for illumination and monitoring circuit	
			- with IP44 fixing piece to screw on	
		Suitable for	Order no.	Page
	The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.	Multi-pole rocker switches		page 26
	Design	Sealings IP44		page 192
	Berker S.1			PU
white glossy	1629 89 62		10	
polar white glossy	1629 89 69		10	
polar white matt	1629 19 39		10	
anthracite matt	1629 16 36		10	
aluminium matt, lacquered	1629 14 34		10	

Multiple Rockers

	Rocker 2gang			
			- for rockers switches	
			- for rockers push-buttons and group rockers push-buttons	
		Suitable for	Order no.	Page
	Design	Rocker switches, 2gang		page 29
	white glossy	Series push-buttons		page 29
	polar white glossy			PU
polar white matt	1623 89 82		10	
anthracite matt	1623 89 89		10	
aluminium matt, lacquered	1623 19 09		10	
	1623 16 06		10	
	1623 14 04		10	



Rocker 2gang, screw-on

- with cover plug for screw fitting
- for rockers switches
- for rockers push-buttons and group rockers push-buttons

Design	Suitable for	Order no.	Page
	Rocker switches, 2gang		page 29
	Series push-buttons		page 29
	Order no.		PU
polar white matt		1571 19 09	10
anthracite matt		1571 16 06	10
aluminium matt, lacquered		1571 14 04	10



Rocker 2gang

- red lens



- for illumination and monitoring circuit
- for rockers switches
- for rockers push-buttons and group rockers push-buttons

Design	Suitable for	Order no.	Page
	Rocker switches, 2gang		page 29
	Series push-buttons		page 29
	Order no.		PU
white glossy		1627 89 82	10
polar white glossy		1627 89 89	10
polar white matt		1627 19 09	10
anthracite matt		1627 16 06	10
aluminium matt, lacquered		1627 14 04	10



Rocker 3gang

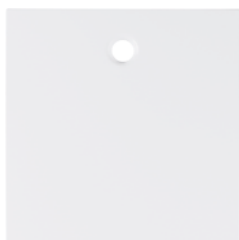
Suitable for
On/off switch 3gang

Order no. 6330 23

Page 32

Design	Order no.	PU
polar white glossy	1665 89 89	10
white glossy	1665 89 82	10
polar white matt	1665 19 09	10
anthracite matt	1665 16 06	10
aluminium matt, lacquered	1665 14 04	10

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

Suitable for
Pullcord switches/pullcord push-buttons

Order no.

Page page 32

Design	Order no.	PU
white glossy	1146 89 82	10
polar white glossy	1146 89 89	10
polar white matt	1146 19 09	10
anthracite matt	1146 16 06	10
aluminium matt, lacquered	1146 14 04	10

Centre plates for key switches/key push-buttons



Centre plate for key switch/key push-button

- for master-key systems
- for lock cylinder

Suitable for
Key switches/key push-buttons

Order no. 1818 ..

Page page 33

Lock cylinder 62

Design	Order no.	PU
white glossy	1507 89 82	10
polar white glossy	1507 89 89	10
polar white matt	1507 19 09	10
anthracite matt	1507 16 06	10
aluminium matt, lacquered	1507 14 04	10

Timers

Centre plates for mechanical timer



Centre plate for mechanical timer

Suitable for Mechanical timer Order no. Page page 49

Design

Order no.

PU

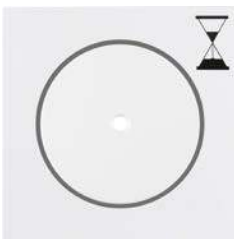
with time scale 15 min

white glossy	1632 89 82	1
polar white glossy	1632 89 89	1
polar white matt	1632 19 09	1
anthracite matt	1632 16 06	1
aluminium matt, lacquered	1632 14 04	1



with time scale 120 min

polar white glossy	1633 89 89	1
white glossy	1633 89 82	1
polar white matt	1633 19 09	1
anthracite matt	1633 16 06	1
aluminium matt, lacquered	1633 14 04	1



Centre plate for time relay insert

- push-button with clear lens

- with imprint



Suitable for Time relay insert

Order no. 2948 10

Page 51

Axis dimension Ø

4 mm

Design

Order no.

PU

white glossy	1674 89 82	10
polar white glossy	1674 89 89	10
polar white matt	1674 19 09	10
anthracite matt	1674 16 06	10
aluminium matt, lacquered	1674 14 04	10

Electronics platform

Buttons for switches/dimmers



Button 1gang

Operating voltage

via insert – with 2-push-buttons operation concept
– low intrinsic energy requirement

▶ 896

Suitable for	Order no.	Page
Relay insert	8512 12 00	36
Switch insert 1gang	8512 11 00	37
Touch dimmer (R, L)	8542 11 00	38
Universal touch dimmer 1gang	8542 12 00	38
DALI/DSI control insert	8542 17 00	39

Design

Order no.

PU

white glossy	8514 11 82	1
polar white glossy	8514 11 89	1
polar white matt	8514 11 88	1
anthracite matt, lacquered	8514 11 85	1
aluminium matt, lacquered	8514 11 83	1





Button 2gang

Operating voltage via insert – with 2-push-buttons operation concept per series
– low intrinsic energy requirement

▶ 896

Suitable for	Order no.	Page
Switch insert 2gang	8512 22 00	37
Universal touch dimmer 2gang	8542 21 00	39

Design	Order no.	PU
white glossy	8514 21 82	1
polar white glossy	8514 21 89	1
polar white matt	8514 21 88	1
anthracite matt, lacquered	8514 21 85	1
aluminium matt, lacquered	8514 21 83	1



Motion detector covers



IR Motion detector comfort

Delay time, adjustable ≈ 10 s ... 30 min – with memory function for presence simulation
Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day) – party function for switching on for 2 hours
– teach function for response brightness via button
– with keylock
– low intrinsic energy requirement
– step operation with immunity time (e.g. for stair light/ impact current circuits)
– with button for on/off/automatic

▶ 896

Suitable for	Order no.	Page
Inserts		page 72

Design	Order no.	PU
Nominal mounting height 1.1 m		
white glossy	8534 12 82	1
polar white glossy	8534 12 89	1
polar white matt	8534 12 88	1
anthracite matt	8534 12 85	1
aluminium matt, lacquered	8534 12 83	1
Nominal mounting height 2.2 m		
white glossy	8534 22 82	1
polar white glossy	8534 22 89	1
polar white matt	8534 22 88	1
anthracite matt	8534 22 85	1
aluminium matt, lacquered	8534 22 83	1



Motion detector

Delay time ≈ 180 s – with memory function for presence simulation
Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day) – party function for switching on for 2 hours
– teach function for response brightness via button
– with keylock
– low intrinsic energy requirement
– with button for on/off/automatic

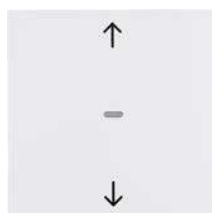
▶ 896

Suitable for	Order no.	Page
Inserts		page 72

Design	Order no.	PU
Nominal mounting height 1.1 m		
white glossy	8534 11 82	1
polar white glossy	8534 11 89	1
polar white matt	8534 11 88	1
anthracite matt	8534 11 85	1
aluminium matt, lacquered	8534 11 83	1
Nominal mounting height 2.2 m		
white glossy	8534 21 82	1
polar white glossy	8534 21 89	1
polar white matt	8534 21 88	1
anthracite matt	8534 21 85	1
aluminium matt, lacquered	8534 21 83	1



Blind buttons



Blind button

Delay time, adjustable 0 s ... 500 s
 Venetian blind movement time 2 min
 Self-retaining for 2 min on button-press > 0.4 s
 Can be switched to orientation led by extension unit.

- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- low intrinsic energy requirement

▶ 896

Design	Order no.	Page
white glossy	8524 11 82	1
polar white glossy	8524 11 89	1
polar white matt	8524 11 88	1
anthracite matt	8524 11 85	1
aluminium matt, lacquered	8524 11 83	1

Suitable for
Blind insert comfort

Order no.
8522 11 00



Time switches for blinds



Blind time switch

- display



Number of operation times for up/down 20
 Running time 2 min
 Power reserve ≈ 24 h
 Self-retaining for 2 min on button-press > 0.5 s

- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- with keylock
- reset function (to factory setting)
- low intrinsic energy requirement
- with switchover manual/automatic mode
- 2 independent preset programme memories, individually adaptable
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation

▶ 896

Control using device buttons and programmed switching times.
 Can be switched to orientation led by extension unit.

Design	Order no.	Page
white glossy	8574 11 82	1
polar white glossy	8574 11 89	1
polar white matt	8574 11 88	1
anthracite matt	8574 11 85	1
aluminium matt, lacquered	8574 11 83	1

Suitable for
Blind insert comfort

Order no.
8522 11 00



Dimmers and covers

Rotary dimmer with cover plate



Rotary dimmer with cover plate

- setting knob



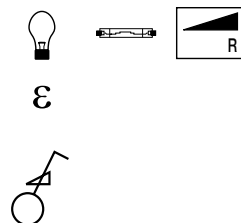
Operating voltage 230 V~
 230 V incandescent lamps and halogen lamps 60 ... 400 W
 Number of built-in power boosters (R, L) max. 10

- phase cut-on

▶ 878

Design	Order no.	Page
Berker S.1		page 176

Suitable for replacement
Covers for rotary dimmers



Design	Order no.	Page
Berker S.1		
white glossy	2819 89 82	1
polar white glossy	2819 89 89	1
polar white matt	2819 99 09	1
anthracite matt	2819 99 49	1
aluminium matt, lacquered	2819 99 39	1

Covers for rotary dimmers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with frames 1-, 2- or 3gang of S.1 range and sealing set - order no. 10 10 89 0...



Cover for rotary dimmers/rotary potentiometers

- setting knob



Design

Berker S.1

	Order no.	Page
white glossy	1130 89 82	10
polar white glossy	1130 89 89	10
polar white matt	1130 99 09	10
anthracite matt	1130 99 49	10
aluminium matt, lacquered	1130 99 39	10

Suitable for

Rotary dimmer with cover plate
Rotary dimmers
Rotary potentiometers DALI
1-10 V Rotary potentiometers

Order no.

Page

page 175
page 44
page 46
page 47

Order no.

PU



Centre plate for rotary dimmer/rotary potentiometer

- setting knob



Axis dimension Ø

4 mm

Design

white glossy

polar white glossy

polar white matt

anthracite matt

aluminium matt, lacquered

Suitable for

Rotary dimmers
Rotary potentiometers DALI
1-10 V Rotary potentiometers
optional
Sealings IP44

Order no.

Page

page 44
page 46
page 47
page 192

Order no.

PU

1137 89 82

10

1137 89 89

10

1137 19 09

10

1137 16 06

10

1137 14 04

10



New

Centre plate for rotary dimmer/rotary potentiometer IP44

- setting knob



Axis dimension Ø

4 mm

Design

Berker S.1

white glossy ¹⁾

polar white glossy ¹⁾

polar white matt ¹⁾

anthracite matt ¹⁾

alu matt ¹⁾

Suitable for

Rotary dimmers
Rotary potentiometers DALI
1-10 V Rotary potentiometers
Sealings IP44

Order no.

Page

page 44
page 46
page 47
page 192

Order no.

PU

★ **1367 89 82**

10

★ **1367 89 89**

10

★ **1367 19 09**

10

★ **1367 16 06**

10

★ **1367 14 04**

10

¹⁾ Available from September 2018!

Motion detector compact



Cover for motion detector compact 1.1m

- with fixing element

Design

white glossy

polar white glossy

polar white matt

anthracite matt

aluminium matt, lacquered

Suitable for

Motion detector 1.1 m
Motion detector with neutral conductor connection 1.1m

Order no.

Page

2995 77
2996 77

Order no.

PU

1190 89 82

10

1190 89 89

10

1190 19 09

10

1190 16 06

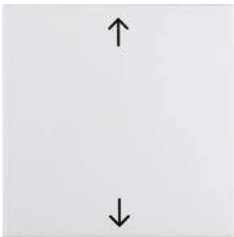
10

1190 14 04

10

Covers for blind switches/push-buttons

Rockers with imprint



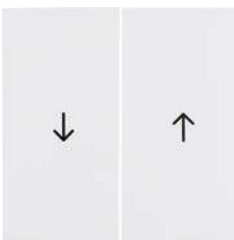
Rocker with imprinted arrows symbol

Design	Order no.	Page
white glossy	1620 89 12	10
polar white glossy	1620 89 19	10
polar white matt	1620 19 19	10
anthracite matt	1620 16 16	10
aluminium matt, lacquered	1620 14 14	10

Suitable for
Group series push-button, 4 NO contacts, common input terminal

Order no.
5034 04

Page
30



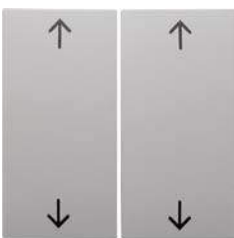
Rocker 2gang with imprinted arrow symbol

Design	Order no.	Page
white glossy	1625 89 82	10
polar white glossy	1625 89 89	10
polar white matt	1625 19 09	10
anthracite matt	1625 16 06	10
aluminium matt, lacquered	1625 14 04	10

Suitable for
Blind series switch 1pole
Blind series push-button 1pole

Order no.
3035 20
5035 20

Page
66
84



Rocker 2gang with imprinted arrows symbol

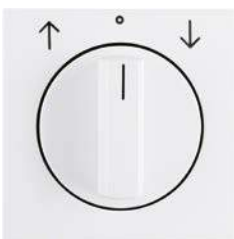
Design	Order no.	Page
white glossy	1644 89 82	10
polar white glossy	1644 89 89	10
polar white matt	1644 19 09	10
anthracite matt	1644 16 06	10
aluminium matt, lacquered	1644 14 04	10

Suitable for
Group series push-button, 4 NO contacts, common input terminal

Order no.
5034 04

Page
30

Centre plates for rotary switches for blinds



Centre plate with rotary knob for rotary switch for blinds

Design	Order no.	Page
white glossy	1080 89 82	1
polar white glossy	1080 89 89	1
polar white matt	1080 19 09	1
anthracite matt	1080 16 06	1
aluminium matt, lacquered	1080 14 04	1

– with imprint

Suitable for
Rotary switches for blinds
optional
Interlock disk for rotary switch for blinds

Order no.
1861 ..

Page
page 86
87

Centre plates for key switches/key push-buttons for blinds



Centre plate with lock and push lock function for switch for blinds

- key can be removed in 0 position



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	87
Switch for blinds 2pole for centre plate with lock	3852	88

Design	Order no.	PU
white glossy	1081 89 82	1
polar white glossy	1081 89 89	1
polar white matt	1081 19 09	1
anthracite matt	1081 16 06	1
aluminium matt, lacquered	1081 14 04	1



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	87
Switch for blinds 2pole for centre plate with lock	3852	88

Design	Order no.	PU
white glossy	1082 89 82	1
polar white glossy	1082 89 89	1
polar white matt	1082 19 09	1



Centre plate with lock and touch function for switch for blinds

- key can be removed in 0 position



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	87
Switch for blinds 2pole for centre plate with lock	3852	88

Design	Order no.	PU
white glossy	1083 89 82	1
polar white glossy	1083 89 89	1
polar white matt	1083 19 09	1



Centre plate for key push-button for blinds/key switch

- with imprint
- for master-key systems
- for lock cylinder

Suitable for	Order no.	Page
Lock cylinder		page 62
Switch for blinds 2pole for lock cylinder	3822 10	90
Push-button for blinds 1pole for lock cylinder	3831 10	90
Push-button for blinds 2pole for lock cylinder	3832 10	90

Design	Order no.	PU
white glossy	1506 89 82	10
polar white glossy	1506 89 89	10
polar white matt	1506 19 09	10
anthracite matt	1506 16 06	10
aluminium matt, lacquered	1506 14 04	10



Centre plate with fixing element for key push-button for blinds/key switch

- with imprint
- for master-key systems
- for lock cylinder

Suitable for	Order no.	Page
Lock cylinder		page 62
Sealing set 1gang for socket outlets, centre plates, rocker switches/push-buttons and switches/push-buttons with lock for blinds	1010 89 01	192
Switch for blinds 2pole for lock cylinder	3822 10	90
Push-button for blinds 1pole for lock cylinder	3831 10	90
Push-button for blinds 2pole for lock cylinder	3832 10	90

Design	Order no.	PU
Berker S.1		
white glossy	1508 89 82	10
polar white glossy	1508 89 89	10
polar white matt	1508 19 09	10
anthracite matt	1508 16 06	10
aluminium matt, lacquered	1508 14 04	10

HVAC controllers and covers

Thermostats



Thermostat, NO contact, with centre plate

- time-controlled



Rated voltage	230 V~
Frequency	50 Hz
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10
Energy efficiency class	IV (2%)

- for underfloor heating control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

Suitable for optional	Order no.	Page
Temperature sensor (33 kΩ)	161	110

Design	Order no.	PU
white glossy	2044 89 82	1
polar white glossy	2044 89 89	1
polar white matt	2044 19 09	1
anthracite matt	2044 16 06	1
aluminium matt, lacquered	2044 14 04	1

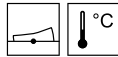


▶ 885



Thermostat, NO contact, with centre plate, for underfloor heating

- rocker switch
- external temperature sensor



Rated voltage	250 V~
Frequency	50/60 Hz
Energy efficiency class	I (1%)

▶ 884

Design	Order no.	PU
white glossy	2034 89 82	1
polar white glossy	2034 89 89	1
polar white matt	2034 19 09	1
anthracite matt	2034 16 06	1
aluminium matt, lacquered	2034 14 04	1





Temperature controller, change-over contact, with centre plate

▶ 884

Rated voltage 250 V~ – for heating or cooling mode
 Frequency 50/60 Hz
 Energy efficiency class I (1%)

Design	Order no.	PU
white glossy	2026 89 82	1
polar white glossy	2026 89 89	1
polar white matt	2026 19 09	1
anthracite matt	2026 16 06	1
aluminium matt, lacquered	2026 14 04	1



Temperature controller, NC contact, with centre plate

▶ 884

- rocker switch



Rated voltage 250 V~
 Frequency 50/60 Hz
 Energy efficiency class I (1%)

Design	Order no.	PU
white glossy	2030 89 82	1
polar white glossy	2030 89 89	1
polar white matt	2030 19 09	1
anthracite matt	2030 16 06	1
aluminium matt, lacquered	2030 14 04	1



Temperature controller, NC contact, with centre plate, 24 V AC/DC

▶ 884

- rocker switch



Rated voltage 24 V~/24 V=
 Frequency 50/60 Hz
 Energy efficiency class I (1%)

Design	Order no.	PU
white glossy	2031 89 82	1
polar white glossy	2031 89 89	1
polar white matt	2031 19 09	1
anthracite matt	2031 16 06	1
aluminium matt, lacquered	2031 14 04	1



Central plates for sensor inserts



Central plate for sensor insert

Design	Suitable for Intermediate rings Sensor insert	Order no.	Page page 186 105
white glossy		7594 04 02	1
polar white glossy		7594 04 09	1
polar white matt/velvety		7594 04 89	1
anthracite, matt		7594 04 85	1
aluminium matt, lacquered		7594 04 83	1

Rockers for heating applications



Rocker with imprint "Heizung"

- red lens

- for monitoring circuit



Use glass pane-protected switch for heating applications from programme ranges Arsys, wg Up IP44 alternatively.

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Design	Order no.	PU
red glossy	1621 89 02	10
red matt	1621 19 02	10

Centre plates for air conditioner/fan controllers



Centre plate with rotary knob for 3-step switch

- with imprint

Design

without 0-position, imprint 2-1-3

Suitable for
3-step switches

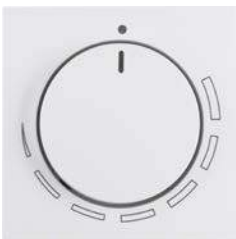
Order no.
3861 ..

Page
108

Design	Order no.	PU
white glossy	1084 89 82	1
polar white glossy	1084 89 89	1
polar white matt	1084 19 09	1
anthracite matt	1084 16 06	1
aluminium matt, lacquered	1084 14 04	1

with 0-position, imprint 0-1-2-3

white glossy	1096 89 82	1
polar white glossy	1096 89 89	1
polar white matt	1096 19 09	1
anthracite matt	1096 16 06	1
aluminium matt, lacquered	1096 14 04	1



Centre plate for speed controller

- setting knob

- with imprinted symbol curve



Axis dimension Ø 4 mm

Suitable for
Speed controller

Order no.
2968 01

Page
109

Design	Order no.	PU
white glossy	1137 89 22	10
polar white glossy	1137 89 29	10
polar white matt	1137 19 29	10
anthracite matt	1137 16 26	10
aluminium matt, lacquered	1137 14 24	10

Communication/multimedia technology

- for information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

Covers data communications / telecommunications



Centre plate with TAE cut-out

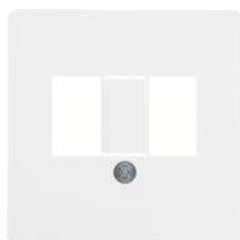
- also for KNX applications: USB data interface, flush-mounted

Suitable for
Modular FCC socket outlets
Loudspeaker connector box
Stereo loudspeaker connector box
230 V USB charging socket outlet 2gang, 3 A

Order no.

Page
page 118
137
137
135

Design	Order no.	PU
white glossy	1033 89 12	10
polar white glossy	1033 89 19	10
polar white matt, with 2 knock out openings	1033 19 09	10
anthracite matt, with 2 knock out openings	1033 16 06	10
aluminium matt, lacquered, with 2 knock out openings	1033 14 04	10



Central plate with TAE cut-out

- push-out



Caution!
Use only with intermediate ring for central plate from the corresponding range.

- also for KNX applications: USB data interface, flush-mounted
- labelling field latchable in matching intermediate ring

Suitable for	Order no.	Page
Intermediate rings		page 186
Loudspeaker connector box	4572 0 ..	137
Stereo loudspeaker connector box	4573 0 ..	137
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	118
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135

Design	Order no.	PU
white glossy	1458 02	10
polar white glossy	1458 09	10



Centre plate with TDO cut-out

- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
Loudspeaker connector box	4572 0 ..	137
Stereo loudspeaker connector box	4573 0 ..	137
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135

Design	Order no.	PU
white glossy	68 1033 89 82	10
polar white glossy	68 1033 89 89	10
polar white matt	68 1033 19 09	10
anthracite matt	68 1033 16 06	10
aluminium matt, lacquered	68 1033 14 04	10



Centre plate for FCC socket outlet

- with 45° oblique outlet
- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- for WLAN access-points

Suitable for	Order no.	Page
FCC socket outlets 1gang		page 114
WLAN Access-Point UP	4582	115
WLAN Access-Point flush-mounted, PoE	4583	115

Design	Order no.	PU
white glossy	1407 89 82	10
polar white glossy	1407 89 89	10
polar white matt	1407 19 09	10
anthracite matt	1407 16 06	10
aluminium matt, lacquered	1407 14 04	10



Centre plate for FCC socket outlet 2gang

- with 45° oblique outlet
- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso

Suitable for	Order no.	Page
FCC socket outlets 2gang		page 116

Design	Order no.	PU
white glossy	1409 89 82	10
polar white glossy	1409 89 89	10
polar white matt	1409 19 09	10
anthracite matt	1409 16 06	10
aluminium matt, lacquered	1409 14 04	10



Centre plate with dust protection slider

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	1170 89 82	10
polar white glossy	1170 89 89	10
polar white matt	1170 19 09	10
anthracite matt	1170 16 06	10
aluminium matt, lacquered	1170 14 04	10

- for supporting plates with coloured mounting device 1gang, order no. 4540 0 .. und 4542 01, see chapter **communication/multimedia technology**



Centre plate with 2 dust protection sliders

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	1181 89 82	10
polar white glossy	1181 89 89	10
polar white matt	1181 19 09	10
anthracite matt	1181 16 06	10
aluminium matt, lacquered	1181 14 04	10

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 0 .. and 4542 02, see chapter **communication/multimedia technology**



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- with 30° oblique outlet
- for Mini-Com dummy modules 1gang
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com HDMI™ module, double socket 1.3, type A
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com USB modules, double socket type A, USB 2.0 compliant

Design	Order no.	Page
white glossy	1427 02	page 186
polar white glossy	1427 09	page 145
polar white matt/velvety	1427 19 09	page 126
anthracite, matt	1427 16 06	
aluminium matt, lacquered	1427 14 04	

Suitable for	Order no.	Page
Intermediate rings		page 186
Multimedia modules		page 145
Mini jack, 8-pole		page 126



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- with 30° oblique outlet

Design	Order no.	Page
white glossy	1472 02	10
polar white glossy	1472 09	10
polar white matt/velvety	1472 19 09	10
anthracite, matt	1472 16 06	10
aluminium matt, lacquered	1472 14 04	10



Central plate for Reichle&De-Massari double module

For 1gang modules, the 1port DIN connection box with straight outlet and centre plate 50 x 50 mm of makes IBM no. 51H8234 or Reichle + De Massari no. R 825857 can be used.

- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- with 30° oblique outlet
- labelling field latchable in matching intermediate ring

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Design	Order no.	Page
white glossy	1461 02	10
polar white glossy	1461 09	10
polar white matt/velvety	1461 19 09	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) $\approx 14.7 \times 20.7$ mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect, cat.3, cat.5, cat.5e and cat.6
- with 30° oblique outlet

Design	Order no.	Page
white glossy	1463 02	10
polar white glossy	1463 09	10
polar white matt/velvety	1463 19 09	10
anthracite, matt	1463 16 06	10
aluminium matt, lacquered	1463 14 04	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) $\approx 14.7 \times 19.4$ mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks, cat.5, cat.5e and cat.6
- with 30° oblique outlet
- labelling field latchable in matching intermediate ring

Design	Order no.	Page
white glossy	1464 02	10
polar white glossy	1464 09	10
polar white matt/velvety	1464 19 09	10
anthracite, matt	1464 16 06	10
aluminium matt, lacquered	1464 14 04	10



Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 2 fibre-optic couplings
- with 30° oblique outlet
- labelling field latchable in matching intermediate ring

Design	Suitable for Intermediate rings	Order no.	Page page 186
white glossy, 2gang		1492 02	10
polar white glossy, 2gang		1492 09	10
polar white matt/velvety, 2gang		1492 19 09	10



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 1 or 2 fibre-optic couplings
- with 30° oblique outlet
- 1 knock out opening
- labelling field latchable in matching intermediate ring

Design	Suitable for Intermediate rings	Order no.	Page page 186
white glossy		1480 02	10
polar white glossy		1480 09	10
polar white matt/velvety		1480 19 09	10

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

Design	Suitable for Aerial sockets	Order no.	Page page 128
white glossy		1203 89 82	10
polar white glossy		1203 89 89	10
polar white matt		1203 19 09	10
anthracite matt		1203 16 06	10
aluminium matt, lacquered		1203 14 04	10



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

Design	Suitable for Intermediate rings Aerial socket 4hole single box	Order no.	Page page 186 129
white glossy		1484 02	10
polar white glossy		1484 09	10
polar white matt/velvety		1484 19 09	10
anthracite, matt		1484 16 06	10
aluminium matt, lacquered		1484 14 04	10



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

Design	Suitable for Intermediate rings	Order no.	Page page 186
white glossy		1483 02	10
polar white glossy		1483 09	10
polar white matt/velvety		1483 19 09	10
anthracite, matt		1483 16 06	10
aluminium matt, lacquered		1483 14 04	10

Central plates for signalling and command units



Central plate with installation opening Ø 18.8 mm

Screw spacing 36 mm – with supporting plate
– without spreader claws
– with cut-out dia. 18.8 mm

For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Suitable for	Order no.	Page
Intermediate rings		page 186
optional		
Built-in socket for floating output	4604	683
Design	Order no.	PU
white glossy	1431 02	10
polar white glossy	1431 09	10
polar white matt/velvety	1431 19 09	10
anthracite, matt	1431 16 06	10
aluminium matt, lacquered	1431 14 04	10



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm – with supporting plate
– without spreader claws
– with cut-out dia. 22.5 mm

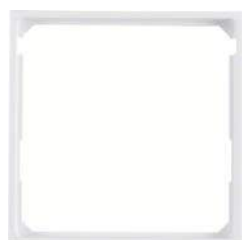
For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

Suitable for	Order no.	Page
Intermediate rings		page 186
Design	Order no.	PU
white glossy	1432 02	10
polar white glossy	1432 09	10
yellow glossy	1432 07	10
polar white matt/velvety	1432 19 09	10
anthracite, matt	1432 16 06	10
aluminium matt, lacquered	1432 14 04	10

Intermediate rings



Intermediate ring for central plate

– labelling field latchable

Suitable for	Order no.	Page
optional		
Labelling field for intermediate ring		page 186
Design	Order no.	PU
white glossy	1109 89 82	10
polar white glossy	1109 89 89	10
polar white matt	1109 19 09	10
anthracite matt	1109 16 06	10
aluminium matt, lacquered	1109 14 04	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

Suitable for	Order no.	Page
Intermediate ring for central plate		page 186
Design	Order no.	PU
white glossy	1905 00 02	10
polar white glossy	1905 00 69	10
aluminium matt, lacquered	1905 70 03	10

Adapter rings for centre plates 50 x 50 mm



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.
For centre plate according to DIN 49075

– for centre plate of third-party manufacturers with external dimension 50 x 50 mm

Design	Order no.	PU
white glossy	1109 90 82	10
polar white glossy	1109 90 89	10
polar white matt	1109 19 19	10
anthracite matt	1109 16 16	10
aluminium matt, lacquered	1109 14 14	10

Covers Audio



Centre plate for loudspeaker socket outlet

– 1 knock out opening

Suitable for	Order no.	Page
Loudspeaker socket outlet High End	4505 02	139

Design	Order no.	PU
white glossy	1196 89 82	10
polar white glossy	1196 89 89	10
polar white matt	1196 19 09	10
anthracite matt	1196 16 06	10
aluminium matt, lacquered	1196 14 04	10



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm

For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with supporting plate
– without spreader claws
– speakon and jack connector

Suitable for	Order no.	Page
Intermediate rings		page 186

Design	Order no.	PU
white glossy	1412 02	10
polar white glossy	1412 09	10
polar white matt/velvety	1412 19 09	10
anthracite matt	1412 16 06	10
aluminium matt, lacquered	1412 14 04	10

Video socket outlets



VGA socket outlet

Frequency range video

max. 160 MHz

Resolution

max. 1280 x 1024 px

– with 15pole D-subminiature jack (front)
– S-VGA compatible

▶ 886

Design	Order no.	PU
with double jack		
white glossy	33 1540 89 82	10
polar white glossy	33 1540 89 89	10
polar white matt	33 1540 19 09	10
anthracite matt	33 1540 16 06	10
aluminium matt, lacquered	33 1540 14 04	10
back side, with screw-in lift terminals		
polar white matt ¹⁾	33 1541 19 09	10
white glossy ¹⁾	33 1541 89 82	10
polar white glossy ¹⁾	33 1541 89 89	10
anthracite matt ¹⁾	33 1541 16 06	10
aluminium matt, lacquered ¹⁾	33 1541 14 04	10

¹⁾for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²



Multimedia sockets



High definition socket outlet

▶ 892

Transmission rate max. 8.16 GBit/s – 19pole
Resolution max. 1920 x 1080 px – gold-plated contacts

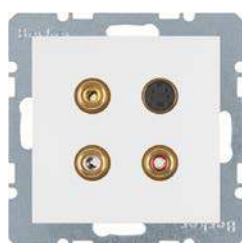
Design Order no. PU

back side, with straight socket

white glossy	33 1542 89 82	1
polar white glossy	33 1542 89 89	1
polar white matt	33 1542 19 09	10
anthracite matt	33 1542 16 06	10
aluminium matt, lacquered	33 1542 14 04	10

back side, with 90° angle socket

white glossy	33 1543 89 82	10
polar white glossy	33 1543 89 89	10
polar white matt	33 1543 19 09	10
anthracite matt	33 1543 16 06	10
aluminium matt, lacquered	33 1543 14 04	10



3 x Cinch/S-Video socket outlet

▶ 892

Frequency range audio 20 ... 20000 Hz – 1 cinch double jack for video connection (yellow)
Frequency range video max. 160 MHz – 2 cinch double jacks for audio connection (red, white)
– S-Video double jack
– gold-plated contacts

Design Order no. PU

white glossy	33 1532 89 82	10
polar white glossy	33 1532 89 89	10
polar white matt	33 1532 19 09	10
anthracite matt	33 1532 16 06	10
aluminium matt, lacquered	33 1532 14 04	10



USB/3.5 mm audio socket outlet

▶ 892

USB transmission rate max. 5 GBit/s – double jack gold-plated 3.5 mm, stereo
Frequency range audio 20 ... 20000 Hz – USB, double socket type A, USB 3.0 compliant
– reverse-compatible to USB 2.0

NEW, available from September 2018!
With USB double jack type A, USB 3.0 compatible.

Design Order no. PU

white glossy	33 1539 89 82	10
polar white glossy	33 1539 89 89	10
polar white matt	33 1539 19 09	10
anthracite matt	33 1539 16 06	10
aluminium matt, lacquered	33 1539 14 04	10



Consumer electronics



Berker Radio Touch

- loudspeaker



Operating voltage	230 V~
Frequency	50/60 Hz
Frequency range (radio reception)	87.5 ... 108 MHz
Conductor cross-section	max. 2.5 mm ²
Conductor cross-section (loudspeakers)	max. 1.5 mm ²
Dimensions of display (W x H)	35 x 28 mm

- stereo FM radio with RDS display
- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- with 2 loudspeaker connections
- external audio input, e.g. for MP3 player or docking station
- with one loudspeaker

	Suitable for optional	Order no.	Page
	Loudspeaker		page 189
	Ceiling loudspeaker Ø 80 mm	2885 00 00	149
	Ceiling loudspeaker Ø 140 mm	2885 00 01	149
Design	Order no.		PU
polar white glossy	2880 89 89		1
polar white matt	2880 99 09		1
anthracite matt	2880 16 06		1
aluminium matt, lacquered	2880 14 04		1
stainless steel matt, lacquered	2880 89 16		1



Berker Radio Touch

Operating voltage	230 V~
Frequency	50/60 Hz
Frequency range (radio reception)	87.5 ... 108 MHz
Conductor cross-section	max. 2.5 mm ²
Conductor cross-section (loudspeakers)	max. 1.5 mm ²
Dimensions of display (W x H)	35 x 28 mm

- stereo FM radio with RDS display
- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- with 2 loudspeaker connections
- external audio input, e.g. for MP3 player or docking station

At least one loudspeaker must be connected for operation.

	Suitable for	Order no.	Page
	Loudspeaker		page 189
	Ceiling loudspeaker Ø 140 mm	2885 00 01	149
	Ceiling loudspeaker Ø 80 mm	2885 00 00	149
Design	Order no.		PU
polar white glossy	2884 89 89		1
polar white matt	2884 99 09		1
anthracite matt	2884 16 06		1
aluminium matt, lacquered	2884 14 04		1
stainless steel matt, lacquered	2884 89 16		1



Loudspeaker

Impedance	4 Ω
Conductor cross-section (flexible)	0.5 mm ²
Pre-assembled cable	≈ 25 cm
Installation depth	35 mm

- confectioned, with 2-core, double-insulated, flexible cable

	Suitable for	Order no.	Page
	Berker Radio Touch		page 189
Design	Order no.		PU
polar white glossy	2882 89 89		1
polar white matt	2882 99 09		1
anthracite matt	2882 16 06		1
aluminium matt, lacquered	2882 14 04		1
stainless steel matt, lacquered	2882 89 16		1



Pilot lamps

LED signal lights



LED signal light, white lighting

▶ 875

Rated voltage 230 V~ – for signalling notices, information or warnings
 Frequency 50/60 Hz – brightness modifiable via potentiometer
 Power consumption at 230 V~, 50 Hz - max. 1 W – light colour cold white
 – switchable via separate switch

Suitable for optional	Order no.	Page
Foil for LED signal light		page 54
Design	Order no.	PU
white glossy	2953 89 82	1
polar white glossy	2953 89 89	1
polar white matt	2953 19 09	1
anthracite matt	2953 16 06	1
aluminium matt, lacquered	2953 14 04	1



LED signal light, RGB

▶ 875

Rated voltage 230 V~ – for signalling notices, information or warnings
 Frequency 50/60 Hz – brightness modifiable via potentiometer
 Power consumption at 195...265 V~, 50/60 Hz - max. 3.7 W – light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence callable via push-button
 – colour sequence can be stopped at any position via the push-button.
 – colour is switchable via an external switch

Suitable for optional	Order no.	Page
Foil for LED signal light		page 54
Design	Order no.	PU
white glossy	2951 89 82	1
polar white glossy	2951 89 89	1
polar white matt	2951 19 09	1
anthracite matt	2951 16 06	1
aluminium matt, lacquered	2951 14 04	1



LED signal light, red/green lighting

▶ 875

Rated voltage 230 V~ – for signalling of e.g. access control
 Frequency 50/60 Hz – switchable between red and green via separate switches
 Power consumption at 230 V~, 50 Hz - per colour max. 0.5 W

Suitable for optional	Order no.	Page
Foil bi-colour for LED signal light		page 55
Design	Order no.	PU
white glossy	2952 89 82	1
polar white glossy	2952 89 89	1
polar white matt	2952 19 09	1
anthracite matt	2952 16 06	1
aluminium matt, lacquered	2952 14 04	1



Pilot lamps



Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.2 mm – centre plate for plug-in fixing

Suitable for	Order no.	Page
Cover for push-button/pilot lamp E10		page 56
Knob for push-button/pilot lamp E10		page 57
LED lamp E10		page 57
Neon lamp E10		page 57
Push-button/pilot lamp E10, NO contact	5101 ..	55

Design	Order no.	Page
white glossy	1124 89 82	10
polar white glossy	1124 89 89	10
polar white matt	1124 19 09	10
anthracite matt	1124 16 06	10
aluminium matt, lacquered	1124 14 04	10

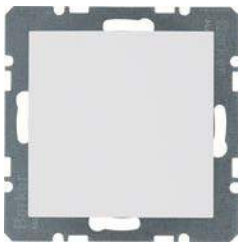


Centre plate for pilot lamp E14

Design	Order no.	Page
white glossy	1198 89 82	10
polar white glossy	1198 89 89	10
polar white matt	1198 19 09	10
anthracite matt	1198 16 06	10
aluminium matt, lacquered	1198 14 04	10

Suitable for	Order no.	Page
Cover for pilot lamp E14	5131 02	page 58
LED lamp E14		page 58
Incandescent lamp E14		page 59
Pilot lamp E14		57

Supplementary products



Blind plug with centre plate

- on supporting plate without cut-out
- centre plate for plug-in fixing

Design	Order no.	PU
without spreader claws		
white glossy	1009 89 82	20
polar white glossy	1009 89 89	20
polar white matt	1009 19 09	20
anthracite matt	1009 16 06	20
aluminium matt, lacquered	1009 14 04	20
with base and spreader claws		
white glossy	67 1009 89 82	10
polar white glossy	67 1009 89 89	10
polar white matt	67 1009 19 09	10
anthracite matt	67 1009 16 06	10
aluminium matt, lacquered	67 1009 14 04	10



Blind plug with centre plate, screw-on

- for customised cut-outs or holes when installing special solutions
- space-saving for relays, etc.
- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws

Design	Order no.	PU
white glossy	1009 89 12	20
polar white glossy	1009 89 19	20
polar white matt	1009 19 19	20
anthracite matt	1009 16 16	20
aluminium matt, lacquered	1009 14 14	20



Centre plate for cable outlet

- with an outlet below

Design	Order no.	Page
white glossy	1019 89 82	10
polar white glossy	1019 89 89	10
polar white matt	1019 19 09	10
anthracite matt	1019 16 06	10
aluminium matt, lacquered	1019 14 04	10

Suitable for	Order no.	Page
Cable outlet	4470	130
Cable outlet with low installation depth	4468	130

Sealings IP44



Sealing set 1gang for socket outlets, centre plates, rocker switches/push-buttons and switches/push-buttons with lock for blinds

- for rotary dimmer
- for DALI rotary potentiometer
- for 1-10 V rotary potentiometer
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons
- for switches and socket outlets
- with sealing flange, without fixing element

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 156
Rocker with fixing element		page 168
Rocker with imprint "0", fixing element		page 170
Centre plate for rotary dimmer/rotary potentiometer IP44		page 176
Centre plate with fixing element for key push-button for blinds/key switch		page 179
	1011 ..	208
Socket outlet with earthing pin and hinged cover	67 6577 ..	164
Socket outlet with earthing pin and hinged cover	67 6877 ..	164

Design

Order no.

PU

Berker S.1

transparent, 1gang

1010 89 01

1



Sealing set for socket outlets/centre plates/switches/push-buttons

- for rotary dimmer
- for DALI rotary potentiometer
- for 1-10 V rotary potentiometer
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons
- for switches and socket outlets
- with sealing flange, without fixing element

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 156
Rocker with fixing element		page 168
Rocker with imprint "0", fixing element		page 170
Centre plate for rotary dimmer/rotary potentiometer IP44		page 176
Frames		page 208
Socket outlet with earthing pin and hinged cover	67 6577 ..	164
Socket outlet with earthing pin and hinged cover	67 6877 ..	164

Design

Order no.

PU

Berker S.1

transparent, 2gang

1010 89 02

1

transparent, 3gang

1010 89 03

1

Hotel applications



Relay switch with centre plate for hotel card

▶ 881

Rated voltage	230 V~ +10/-15 %	– with potentiometer for incremental adjustment of delay time
Frequency	50/60 Hz	– illuminated with blue LED if hotel card is not inserted
Switching current	10 A	– with potential-free contact
Power consumption	< 0.2 W	
230 V incandescent lamps and halogen lamps	1500 W	
Conventional transformers	1500 VA	
Inductive load at cos φ = 0.6	max. 6 A	
Delay time incrementally adjustable	0, 15, 30, 60 s	
Electronic transformers	1500 W	
Fluorescent lamps:		
- in Duo circuit	1500 W	
Compact fluorescent lamps	500 W	
Card width	max. 55 mm	
Card thickness	0.8 ... 1.2 mm	

Not suitable for installation in surface-mounted housing.

Design	Order no.	PU
white glossy	1640 89 92	1
polar white glossy	1640 89 99	1
polar white matt	1640 99 09	1
anthracite matt	1640 99 06	1
aluminium matt, lacquered	1640 89 84	1

Centre plates for hotel card switches



Centre plate with imprint for push-button for hotel card

– red lens



– for push-button for hotel card

Card width	max. 54 mm
Card thickness	0.5 ... 1.4 mm

Other imprint on request!

Suitable for	Order no.	Page
Push-button for hotel card		page 64

Design	Order no.	PU
white glossy	1640 89 82	10
polar white glossy	1640 89 89	10
polar white matt	1640 19 09	10
anthracite matt	1640 16 06	10
aluminium matt, lacquered	1640 14 04	10

Signalisation of hotel room status



LED signal light, red/green lighting

▶ 875

Rated voltage	230 V~	– for signalling of e.g. access control
Frequency	50/60 Hz	– switchable between red and green via separate switches
Power consumption	at 230 V~, 50 Hz - per colour max. 0.5 W	– two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied
Quantity LED lamps	4	
Ambient temperature	-5 ... +40 °C	
Conductor cross-section	2.5 mm ²	

For installation in standard wall boxes according to DIN 49073-1

Suitable for optional	Order no.	Page
Foil bi-colour for LED signal light		page 65

Design	Order no.	PU
white glossy	2952 89 82	1
polar white glossy	2952 89 89	1
polar white matt	2952 19 09	1
anthracite matt	2952 16 06	1
aluminium matt, lacquered	2952 14 04	1



Accessible construction



The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

SCHUKO socket outlets



SCHUKO socket outlet with hinged cover for barrier-free construction

▶ 895

- tactile symbol



- with hinged cover that falls back
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A
Conductor cross-section 1 mm² ... 2.5 mm²

Connection terminals according to IEC 60884-1



Design	Order no.	PU
polar white matt	4786 19 49	10



SCHUKO socket outlet with hinged cover for barrier-free construction

▶ 895

- tactile symbol
- enhanced contact protection
- installation position variable in 45° steps



- when opening hinged cover, it can be arrested in end position
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Specially suited for combining several socket outlets if right angle plugs are used.

Connection terminals according to IEC 60884-1



Design	Order no.	PU
polar white matt	4744 19 49	10

Rockers



Rocker for barrier-free construction

- guide for mouth rod
- lens



- for illumination and monitoring circuit

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

Design	Order no.	PU
polar white matt	1661 19 49	10



Rocker for barrier-free construction


- tactile light symbol
- red lens




- for illumination and monitoring circuit

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
polar white matt	1651 19 49	10


	Rocker for barrier-free construction - tactile bell symbol - red lens	Suitable for Rocker push-buttons	Order no.	Page page 20
	Design polar white matt	Order no. 1651 19 59	PU 10	


	Rocker for barrier-free construction - tactile symbol for door opener - red lens	Suitable for Rocker push-buttons	Order no.	Page page 20
	Design polar white matt	Order no. 1651 19 69	PU 10	

Hospital installation

Emergency system

– for installation in standard wall boxes according to DIN 49073-1

	Emergency call set with frame Operating voltage 24 V= Operating temperature -5 ... +40 °C	– acoustic and visual signalling of an emergency call using pilot lamp after the pullcord push-button has been actuated – switch-off of emergency call using shut-off push-button at emergency location – power supply via power supply unit with 24 V DC – centre plates for plug-in fixing – with screw terminals – acoustic call tone switchable on pilot lamp – call tone can be set as continuous signal or as pulses – monitoring of devices triggering calls for wire break	Suitable for optional	Order no.	Page
	Set consisting of: - Pullcord push-button with frame, order no. 5202.. - Pilot lamp with frame, order no. 5203.. - Shut-off push-button with frame, order no. 5201.. - Power supply with frame, order no. 5204.. The emergency call set is used to call for help in public or disabled WCs, doctors' surgeries and old people's homes. It corresponds to the safety requirements according to DIN VDE 0834	Call button with frame 5206 .. 195 Cancellation/presence button with frame 5205 .. 196 Pullcord push-button with frame 5202 .. 196 Cancellation button with frame 5201 .. 196 Light signal with frame 5203 .. 196 Mains adapter with frame 5204 .. 197	Design white glossy polar white glossy polar white matt	Order no. 5200 89 82 5200 89 89 5200 99 09	PU 1 1 1

	Call button with frame Operating voltage 24 V= Operating temperature -5 ... +40 °C	– with quiet lamp – with red call button with lens – as expansion for the emergency call set – centre plate for plug-in fixing – with screw terminals	Suitable for Emergency call set with frame	Order no. 5200 ..	Page 195
	Additional call push-button to, for example, provide a control section in a second room or an additional location to trigger an emergency call.	Design white glossy polar white glossy polar white matt	Order no. 5206 89 82 5206 89 89 5206 99 09	PU 1 1 1	



Cancellation/presence button with frame

Operating voltage 24 V= – with yellow shut-off button
 Operating temperature -5 ... +40 °C – with green presence button
 Cable length to light signal max. 500 m – as expansion for the emergency call set
 – centre plate for plug-in fixing
 – with screw terminals
 – with visual and acoustic alarm encoder

Office unit, in order to, for example, indicate an emergency call in an office or a headquarters.

Design	Order no.	Page
white glossy	5205 89 82	1
polar white glossy	5205 89 89	1
polar white matt	5205 99 09	1



Pullcord push-button with frame

Operating voltage 24 V= – with quiet lamp
 Operating temperature -5 ... +40 °C – centre plate for plug-in fixing
 – for wall and ceiling mounting
 – with screw terminals
 – with pullcord and knob

To trigger an emergency call in emergency situations.

Design	Order no.	Page
white glossy	5202 89 82	1
polar white glossy	5202 89 89	1
polar white matt	5202 99 09	1



Cancellation button with frame

Operating voltage 24 V= – with green shut-off button
 Operating temperature -5 ... +40 °C – centre plate for plug-in fixing
 – with screw terminals

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.

Design	Order no.	Page
white glossy	5201 89 82	1
polar white glossy	5201 89 89	1
polar white matt	5201 99 09	1



Light signal with frame

Operating voltage 24 V= – centre plate for plug-in fixing
 Operating temperature -5 ... +40 °C – call tone received on voltage failure and return
 – with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
 – with screw terminals
 – acoustic call tone switchable on pilot lamp
 – call tone can be set as continuous signal or as pulses
 – with 4 red LEDs

For visual and acoustic alarms in emergency situations.
 Caution:
 Always install the device in a clearly visible location.
 Recommendation: Use deep wall box.

Design	Order no.	Page
white glossy	5203 89 82	1
polar white glossy	5203 89 89	1
polar white matt	5203 99 09	1



Mains adapter with frame

Operating voltage	24 V=	– centre plate for plug-in fixing
Frequency	50 ... 60 Hz	– with screw terminals
Input voltage	100 ... 240 V~	
Input current	max. 180 mA	
Output voltage	24 V=	
Output current	max. 250 mA	
Operating temperature	-5 ... +40 °C	

Suitable for	Order no.	Page
Emergency call set with frame	5200 ..	195

For the power supply of the emergency call system components with 24 V DC.

Recommendation: Use deep wall box.

Design	Order no.	PU
white glossy	5204 89 82	1
polar white matt	5204 99 09	1
polar white glossy	5204 89 89	1



Central plates for hospital installation



Central plate for socket outlet for equipotential bonding

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For double pole socket outlet for floating output according to DIN 42801

– with imprint	Order no.	Page
	1061	page 186
Suitable for		Page
Intermediate rings		682
Socket outlet for floating output		

Design	Order no.	PU
white glossy	1403 02	10
polar white glossy	1403 09	10
polar white matt/velvety	1403 19 09	10
anthracite matt	1403 16 06	10
aluminium matt, lacquered	1403 14 04	10



Central plate for 6pole socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Suitable for	Order no.	Page
Intermediate rings		page 186
Manufacturer product line		Art. no.
Nurse call systems		
Ackermann: clino opt 90 / clino phon 95		71008C
clino opt 99		71008C3
6pole socket outlets		
Hirschmann: Medu 600 GSK		

Design	Order no.	PU
white glossy	1474 02	10
polar white glossy	1474 09	10
polar white matt/velvety	1474 19 09	10
anthracite matt	1474 16 06	10
aluminium matt, lacquered	1474 14 04	10

Centre plates for Ackermann inserts



Centre plate for nurse call system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing	Art. no.
Manufacturer product line	
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	72642C
	72639A
	71197A
	72642B

Design	Order no.	PU
white glossy	1204 89 82	10
polar white glossy	1204 89 89	10
polar white matt	1204 99 09	10



Centre plate with plug-in opening for nurse call systems

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line **Art. no.**
Nurse call systems
Ackermann: clino opt 99 **73070A**

Design	Order no.	PU
white glossy	1298 89 82	10
polar white glossy	1298 89 89	10
polar white matt	1298 99 09	10



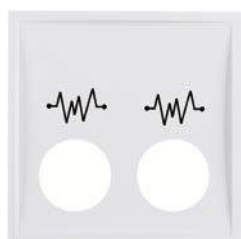
Centre plate for dropping plug-and-socket connector

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- a-coded for dropping plug-and-socket connector

Manufacturer product line **Art. no.**
Nurse call systems
Ackermann: clino opt 99 **74189A**

Design	Order no.	PU
white glossy	1305 89 82	10
polar white glossy	1305 89 89	10
polar white matt	1305 99 19	10



Centre plate with 2 plug-in openings and imprint, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 diagnostic plug-in contacts
- centre plate for plug-in fixing

Manufacturer product line **Art. no.**
Nurse call systems
Ackermann: clino opt 99 **73075C**
73020G
73021G
73075D

Design	Order no.	PU
white glossy	1244 89 82	10
polar white glossy	1244 89 89	10
polar white matt	1244 99 09	10



Centre plate with plug-in opening, red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line **Art. no.**
Nurse call systems
Ackermann: clino opt 99 **73071E**
73071E2
73075A
73073E

Design	Order no.	PU
white glossy	1217 89 82	10
polar white glossy	1217 89 89	10
polar white matt	1217 99 09	10



Centre plate with 2 plug-in openings, imprint and red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73071D
	73071D2
	73075B
	73073D

Design	Order no.	PU
white glossy	1218 89 82	10
polar white glossy	1218 89 89	10
polar white matt	1218 99 09	10



Centre plate with red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73071F
	73071F2
	73073F

Design	Order no.	PU
white glossy	1216 89 82	10
polar white glossy	1216 89 89	10
polar white matt	1216 99 09	10



Centre plate with red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73022A
	73022A2

Design	Order no.	PU
white glossy	1219 89 82	10
polar white glossy	1219 89 89	10
polar white matt	1219 99 09	10



Centre plate with green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73642C

Design	Order no.	PU
white glossy	1251 89 82	10
polar white glossy	1251 89 89	10
polar white matt	1251 99 09	10



Centre plate with yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line
Nurse call systems
Ackermann: clino opt 99 **Art. no.**
73642D

Design	Order no.	PU
white glossy	1252 89 82	10
polar white glossy	1252 89 89	10
polar white matt	1252 99 09	10



Centre plate with blue button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line
Nurse call systems
Ackermann: clino opt 99 **Art. no.**
73022A
73022A2

Design	Order no.	PU
white glossy	1223 89 82	10
polar white glossy	1223 89 89	10
polar white matt	1223 99 09	10



Centre plate with white button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- button with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line
Nurse call systems
Ackermann: clino opt 99 **Art. no.**
73640J
73640J2

Design	Order no.	PU
white glossy	1308 89 82	10
polar white glossy	1308 89 89	10
polar white matt	1308 99 09	10



Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line
Nurse call systems
Ackermann: clino opt 99 **Art. no.**
73642B2

Design	Order no.	PU
white glossy	1249 89 82	10
polar white glossy	1249 89 89	10
polar white matt	1249 99 09	10



Centre plate with yellow + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line
Nurse call systems
Ackermann: clino opt 99 **Art. no.**
73642E

Design	Order no.	PU
white glossy	1253 89 82	10
polar white glossy	1253 89 89	10
polar white matt	1253 99 09	10



Centre plate with white + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- buttons with lens
- centre plate for plug-in fixing
- for office unit

Design	Order no.	PU
white glossy	1299 89 82	10
polar white glossy	1299 89 89	10
polar white matt	1299 99 09	10

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73642B



Centre plate for pneumatic call switch

- lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Design	Order no.	PU
white glossy	1236 89 82	10
polar white glossy	1236 89 89	10
polar white matt	1236 99 09	10

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70006A
clino opt 99	70006B
	70006C



Centre plate for pullcord push-button

- lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for pullcord push-button with pullcord and knob
- centre plate for plug-in fixing

Design	Order no.	PU
white glossy	1233 89 82	10
polar white glossy	1233 89 89	10
polar white matt	1233 99 09	10

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3
	70046A3
	70046A



Centre plate with imprinted symbol curve for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

Design	Order no.	PU
white glossy	1300 89 82	10
polar white glossy	1300 89 89	10
polar white matt	1300 99 09	10

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120C
	73120H



Centre plate with imprint "0 - 1 - 2 - 3 - 4 - 5" for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Design	Order no.	PU
white glossy	1301 89 82	10
polar white glossy	1301 89 89	10
polar white matt	1301 99 09	10

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120A

Centre plates for Total Walther (Zettler) inserts



Centre plate for socket outlet 15gang

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

Manufacturer product line	Art. no.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.891xS 125.850xS

Design	Order no.	PU
white glossy	1288 89 22	10
polar white glossy	1288 89 29	10
polar white matt	1288 19 29	10



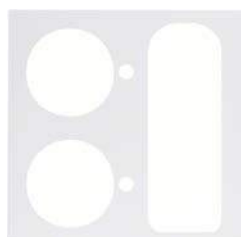
Centre plate for call unit with push-button + socket outlet 15pole

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

Manufacturer product line	Art. no.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.840xS 125.841xS 125.842xS 125.843xS

Design	Order no.	PU
white glossy	1288 89 32	10
polar white glossy	1288 89 39	10
polar white matt	1288 19 39	10



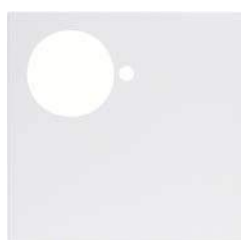
Centre plate for call unit with 2 push-buttons + socket outlet 15pole

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

Manufacturer product line	Art. no.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.830xS 125.831xS 125.832xS

Design	Order no.	PU
white glossy	1288 89 42	10
polar white glossy	1288 89 49	10
polar white matt	1288 19 49	10



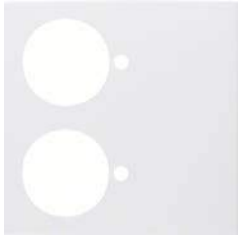
Centre plate for call unit with push-button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.810xS 125.811xS 125.812xS 125.813xS 125.814xS 125.815xS 125.816xS 125.892xS 125.893xS

Design	Order no.	PU
white glossy	1288 89 82	10
polar white glossy	1288 89 89	10
polar white matt	1288 19 09	10



Centre plate for call unit with 2 push-buttons

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Total Walther: Zettler MedicalI 800	125.892xS
	125.893xS
	125.820xS
	125.821xS
	125.822xS
	125.823xS
	125.824xS
	125.825xS
	125.826xS
	125.827xS
	125.891xS

Design	Order no.	PU
white glossy	1288 89 12	10
polar white glossy	1288 89 19	10
polar white matt	1288 19 19	10



Centre plate for pneumatic call switch

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– with quiet lamp
– centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Total Walther: Zettler MedicalI 800	125.860xS
	125.861xS

Design	Order no.	PU
white glossy	1288 89 52	10
polar white glossy	1288 89 59	10
polar white matt	1288 19 59	10



Centre plate for buzzer

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

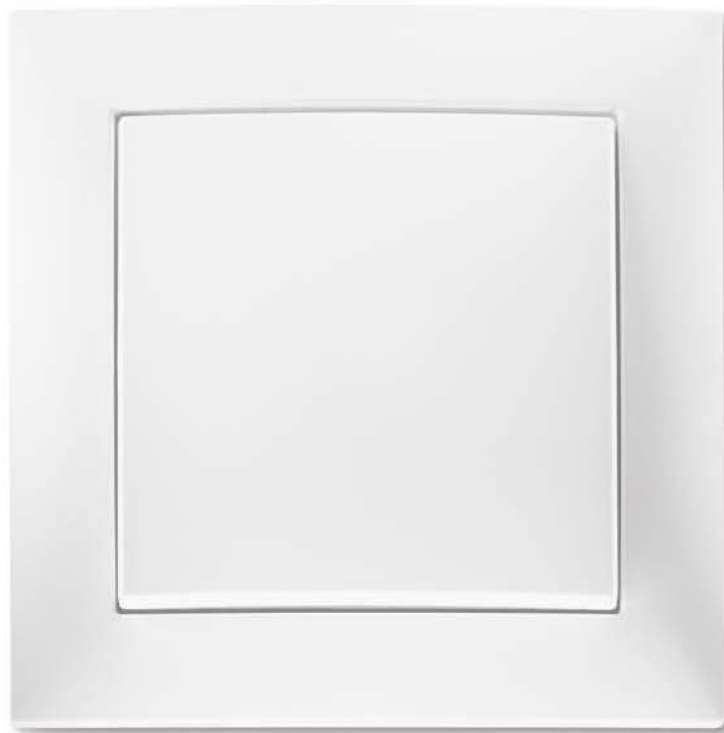
– centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Total Walther: Zettler MedicalI 800 IP	125.800xS

Design	Order no.	PU
polar white matt	1288 19 69	10

Berker S.1 Frames

With the colours white and polar white, the S.1 maintains its simple line even for its frames. The white frames are made from glossy plastic, polar white is available as well in glossy as in matt appearance. In the interests of accessible construction and highlighting particular switches, however, frames are also available in anthracite and red. Multiple frames, frames with large cut-out as well as frames with labelling field complete the range.



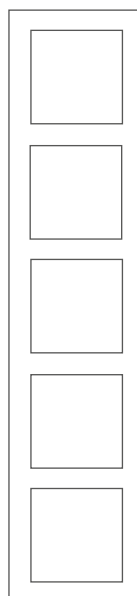
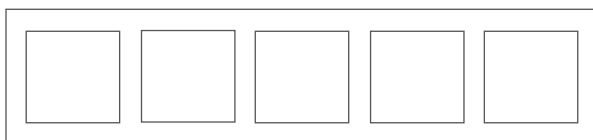
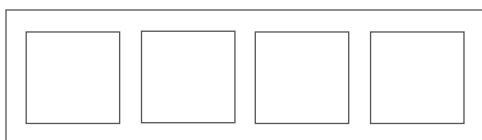
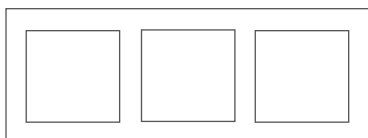
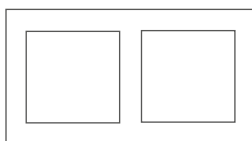
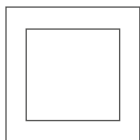
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Surface-mounted housing	212

Berker S.1

Product examples



Dimensions

Frame 1gang

B 80.5 x H 80.5 mm, 1gang

Frames 2-5gang, horizontal

W 151.5 x H 80.5 mm, 2gang

W 223 x H 80.5 mm, 3gang

W 294 x H 80.5 mm, 4gang

W 365 x H 80.5 mm, 5gang

Frames 2-5gang, vertical

H 151.5 x W 80.5 mm 2gang

H 223 x W 80.5 mm, 3gang

H 294 x W 80.5 mm, 4gang

H 365 x W 80.5 mm, 5gang





Surfaces Frames / Covers / Central inserts

Plastic, matt

polar white similar to RAL 9010
anthracite similar to RAL 7021

Plastic, glossy

white similar to RAL 1013*
polar white similar to RAL 9010*
red similar to RAL 3003

* Note:

Our rockers, which are manufactured from thermosetting plastic, except for printed and painted areas and lenses, have an anti-bacterial action as documented by Test Report 4207318-01 from the Fresenius Institute. This has been verified and confirmed using tests similar to ISO22196 and JIS-Z-2801. The test report is available on request.

Central plates

Plastic, matt lacquered


polar white similar to RAL 9010


Plastic, glossy

white similar to RAL 1013
polar white similar to RAL 9010




Frames


 Marked frames are only suitable for splash-protected IP44 flush-mounted installation in 1-, 2-, 3gang variants and when used in conjunction with sealing set - order no. 10 10 89 0...

	Frame	▶ 941		
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
			page 192	
	Design	Order no.	PU	
	white glossy, 1gang ¹⁾	1011 89 82	10	
	white glossy, 2gang ¹⁾	1012 89 82	10	
white glossy, 3gang ¹⁾	1013 89 82	10		
white glossy, 4gang	1014 89 82	2		
white glossy, 5gang	1015 89 82	2		


¹⁾ Only 1-3gang frames can be used with the corresponding sealing set for wet-room installation IP44.

	Frame	▶ 941		
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
			page 192	
	Design	Order no.	PU	
	polar white glossy, 1gang ¹⁾	1011 89 89	10	
	polar white glossy, 2gang ¹⁾	1012 89 89	10	
polar white glossy, 3gang ¹⁾	1013 89 89	10		
polar white glossy, 4gang	1014 89 89	2		
polar white glossy, 5gang	1015 89 89	2		

¹⁾ Only 1-3gang frames can be used with the corresponding sealing set for wet-room installation IP44.

	Frame	▶ 941		
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
			page 192	
	Design	Order no.	PU	
	polar white matt, 1gang ¹⁾	1011 99 09	10	
	polar white matt, 2gang ¹⁾	1012 99 09	10	
polar white matt, 3gang ¹⁾	1013 99 09	10		
polar white matt, 4gang	1014 99 09	10		
polar white matt, 5gang	1015 99 09	2		

¹⁾ Only 1-3gang frames can be used with the corresponding sealing set for wet-room installation IP44.

	Frame	▶ 941		
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
			page 192	
	Design	Order no.	PU	
	anthracite matt, 1gang ¹⁾	1011 99 49	10	
	anthracite matt, 2gang ¹⁾	1012 99 49	10	
anthracite matt, 3gang ¹⁾	1013 99 49	10		
anthracite matt, 4gang	1014 99 49	2		
anthracite matt, 5gang	1015 99 49	2		

¹⁾ Only 1-3gang frames can be used with the corresponding sealing set for wet-room installation IP44.



Frame

– for vertical and horizontal mounting

▶ 941

Design	Order no.	Page
aluminium matt, 1gang ¹⁾	1011 99 39	10
aluminium matt, 2gang ¹⁾	1012 99 39	10
aluminium matt, 3gang ¹⁾	1013 99 39	10
aluminium matt, 4gang	1014 99 39	2
aluminium matt, 5gang	1015 99 39	2

Suitable for optional Sealings IP44

¹⁾ Only 1-3gang frames can be used with the corresponding sealing set for wet-room installation IP44.



Frame

– for emphasising special switches, socket outlets, etc.
– for vertical and horizontal mounting

▶ 941

Design	Order no.	Page
red glossy, 1gang ¹⁾	1011 89 62	10
red glossy, 2gang ¹⁾	1012 89 62	2
red glossy, 3gang ¹⁾	1013 89 62	2
red glossy, 4gang	1014 89 62	2
red glossy, 5gang	1015 89 62	2

Suitable for optional Sealings IP44

¹⁾ Only 1-3gang frames can be used with the corresponding sealing set for wet-room installation IP44.



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy, 1gang	1011 89 12	10
white glossy, 2gang vertical	1012 89 12	10
white glossy, 3gang vertical	1013 89 12	10
white glossy, 4gang vertical	1014 89 12	2
white glossy, 5gang vertical	1015 89 12	2
white glossy, 2gang horizontal	1022 89 12	10
white glossy, 3gang horizontal	1023 89 12	10
white glossy, 4gang horizontal	1024 89 12	2
white glossy, 5gang horizontal	1025 89 12	2



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white glossy, 1gang	1011 89 19	10
polar white glossy, 2gang vertical	1012 89 19	10
polar white glossy, 3gang vertical	1013 89 19	10
polar white glossy, 4gang vertical	1014 89 19	2
polar white glossy, 5gang vertical	1015 89 19	2
polar white glossy, 2gang horizontal	1022 89 19	10
polar white glossy, 3gang horizontal	1023 89 19	10
polar white glossy, 4gang horizontal	1024 89 19	2
polar white glossy, 5gang horizontal	1025 89 19	2



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white matt, 1gang	1011 99 19	10
polar white matt, 2gang vertical	1012 99 19	10
polar white matt, 3gang vertical	1013 99 19	10
polar white matt, 4gang vertical	1014 99 19	2
polar white matt, 5gang vertical	1015 99 19	2
polar white matt, 2gang horizontal	1022 99 19	10
polar white matt, 3gang horizontal	1023 99 19	10
polar white matt, 4gang horizontal	1024 99 19	2
polar white matt, 5gang horizontal	1025 99 19	2



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
anthracite matt, 1gang	1011 99 69	10
anthracite matt, 2gang vertical	1012 99 69	10
anthracite matt, 3gang vertical	1013 99 69	10
anthracite matt, 4gang vertical	1014 99 69	2
anthracite matt, 5gang vertical	1015 99 69	2
anthracite matt, 2gang horizontal	1022 99 69	10
anthracite matt, 3gang horizontal	1023 99 69	10
anthracite matt, 4gang horizontal	1024 99 69	2
anthracite matt, 5gang horizontal	1025 99 69	2



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
aluminium matt, 1gang	1011 99 59	10
aluminium matt, 2gang vertical	1012 99 59	10
aluminium matt, 3gang vertical	1013 99 59	10
aluminium matt, 4gang vertical	1014 99 59	2
aluminium matt, 5gang vertical	1015 99 59	2
aluminium matt, 2gang horizontal	1022 99 59	10
aluminium matt, 3gang horizontal	1023 99 59	10
aluminium matt, 4gang horizontal	1024 99 59	2
aluminium matt, 5gang horizontal	1025 99 59	2

Frames with large cut-out

- for vertical mounting
- not suitable for surface-mounted housing



Frame with large cut-out

▶ 941

Suitable for	Order no.	Page
Push-button 4gang	8016 47 80	743
Push-button 3gang with thermostat	7566 37 80	785
Push-button 5gang with thermostat	7566 57 80	785

Design	Order no.	PU
white glossy	1309 89 82	10



Frame with large cut-out

▶ 941

Suitable for	Order no.	Page
Push-button 4gang	8016 47 80	743
Push-button 3gang with thermostat	7566 37 80	785
Push-button 5gang with thermostat	7566 57 80	785

Design	Order no.	PU
polar white glossy	1309 89 89	10



Frame with large cut-out

▶ 941

Suitable for	Order no.	Page
Push-button 4gang	8016 47 80	743
Push-button 3gang with thermostat	7566 37 80	785
Push-button 5gang with thermostat	7566 57 80	785

Design	Order no.	PU
polar white matt	1309 99 09	10



Frame with large cut-out

▶ 941

Suitable for	Order no.	Page
Push-button 4gang	8016 47 85	743
Push-button 3gang with thermostat	7566 37 85	785
Push-button 5gang with thermostat	7566 57 85	785

Design	Order no.	PU
anthracite matt	1309 99 49	10



Frame with large cut-out

▶ 941

Suitable for	Order no.	Page
Push-button 4gang	8016 47 85	743
Push-button 3gang with thermostat	7566 37 85	785
Push-button 5gang with thermostat	7566 57 85	785

Design	Order no.	PU
aluminium matt	1309 99 39	10

Surface-mounted housing



Surface-mounted housing

Installation depth

37 mm

- entry at top and bottom possible
- with cable and duct entry
- for vertical and horizontal mounting
- for mounting on combustible base surface

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

Suitable for
optional
Entries/connectors

Order no.

Page

page 676

Design

Order no.

PU

white glossy, 1gang	1041 89 82	10
white glossy, 2gang	1042 89 82	5
white glossy, 3gang	1043 89 82	5
polar white glossy, 1gang	1041 89 89	10
polar white glossy, 2gang	1042 89 89	5
polar white glossy, 3gang	1043 89 89	5
polar white, matt, plastic, 1gang	1041 99 09	10
polar white, matt, plastic, 2gang	1042 99 09	5
polar white, matt, plastic, 3gang	1043 99 09	5
anthracite matt, 1gang	1041 99 49	10
anthracite matt, 2gang	1042 99 49	5
anthracite matt, 3gang	1043 99 49	5
aluminium matt, 1gang	1041 99 39	10
aluminium matt, 2gang	1042 99 39	5
aluminium matt, 3gang	1043 99 39	5

Berker B.3 Frames

A bold choice of colours – the B.3 and its selection of aluminium frames makes this possible. The polar-white or anthracite centre plates can be combined with frames in black, red, brown, gold or aluminium effect. From subtle to high-contrast, the spectrum of designs possible is vast, and building owners or renovators can create their own signature styles according to the residential or office fittings. The whole range of colours is also available for the frames with large cut-outs and multiple frames.



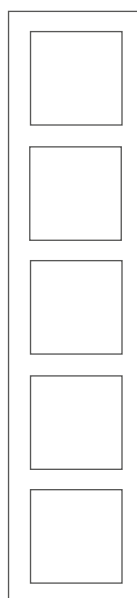
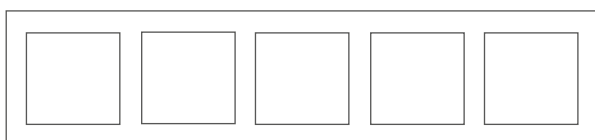
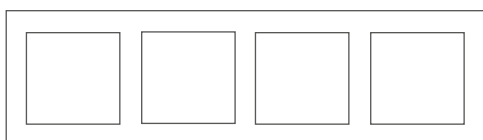
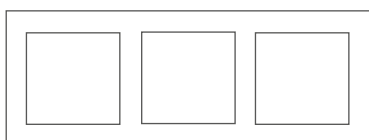
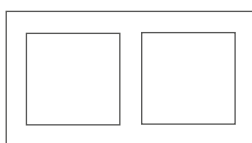
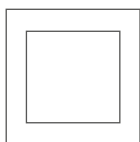
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Berker B.3 Frames	218
Surface-mounted housing	221

Berker B.3

Product examples



Dimensions

Frames 1gang
B 90.7 x H 81.1 mm, 1gang

Frames 2-5gang, horizontal
B 152.1 x H 90.7 mm, 2gang
B 223.1 x H 90.7 mm, 3gang
B 294.1 x H 90.7 mm, 4gang
B 365.1 x H 90.7 mm, 5gang

Frames 2-5gang, vertical
H 152.1 x B 90.7 mm, 2gang
H 223.1 x B 90.7 mm, 3gang
H 294.1 x B 90.7 mm, 4gang
H 365.1 x B 90.7 mm, 5gang





Surfaces Frames

Aluminium
black
brown
red
gold

Covers / Central inserts

Plastic, matt
anthracite similar to RAL 7021
polar white similar to RAL 9010

Plastic, glossy
polar white similar to RAL 9010

Central plates

Plastic, matt lacquered
anthracite similar to RAL 7021
polar white similar to RAL 9010

Plastic, glossy
polar white similar to RAL 9010



Frames

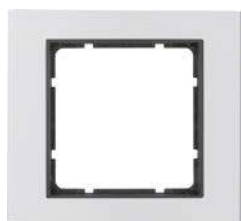
- for vertical and horizontal mounting
- metal, aluminum profile



Frame

▶ 941

Design	Order no.	PU
aluminium/polar white matt, aluminium anodised, 1gang	1011 39 04	10
aluminium/polar white matt, aluminium anodised, 2gang	1012 39 04	10
aluminium/polar white matt, aluminium anodised, 3gang	1013 39 04	10
aluminium/polar white matt, aluminium anodised, 4gang	1014 39 04	2
aluminium/polar white matt, aluminium anodised, 5gang	1015 39 04	2



Frame

▶ 941

Design	Order no.	PU
aluminium/antracite matt, aluminium anodised, 1gang	1011 30 04	10
aluminium/antracite matt, aluminium anodised, 2gang	1012 30 04	10
aluminium/antracite matt, aluminium anodised, 3gang	1013 30 04	10
aluminium/antracite matt, aluminium anodised, 4gang	1014 30 04	2
aluminium/antracite matt, aluminium anodised, 5gang	1015 30 04	2



Frame

▶ 941

Design	Order no.	PU
aluminium black/polar white matt, aluminium anodised, 1gang	1011 30 25	10
aluminium black/polar white matt, aluminium anodised, 2gang	1012 30 25	10
aluminium black/polar white matt, aluminium anodised, 3gang	1013 30 25	10
aluminium black/polar white matt, aluminium anodised, 4gang	1014 30 25	2
aluminium black/polar white matt, aluminium anodised, 5gang	1015 30 25	2



Frame

▶ 941

Design	Order no.	PU
aluminium black/antracite matt, aluminium anodised, 1gang	1011 30 05	10
aluminium black/antracite matt, aluminium anodised, 2gang	1012 30 05	10
aluminium black/antracite matt, aluminium anodised, 3gang	1013 30 05	10
aluminium black/antracite matt, aluminium anodised, 4gang	1014 30 05	2
aluminium black/antracite matt, aluminium anodised, 5gang	1015 30 05	2



Frame

▶ 941

Design	Order no.	PU
aluminium brown/polar white matt, aluminium anodised, 1gang	1011 30 21	10
aluminium brown/polar white matt, aluminium anodised, 2gang	1012 30 21	10
aluminium brown/polar white matt, aluminium anodised, 3gang	1013 30 21	10
aluminium brown/polar white matt, aluminium anodised, 4gang	1014 30 21	2
aluminium brown/polar white matt, aluminium anodised, 5gang	1015 30 21	2

Design	Order no.	PU	941
aluminium brown/anthracite matt, aluminium anodised, 1gang	1011 30 01	10	
aluminium brown/anthracite matt, aluminium anodised, 2gang	1012 30 01	10	
aluminium brown/anthracite matt, aluminium anodised, 3gang	1013 30 01	10	
aluminium brown/anthracite matt, aluminium anodised, 4gang	1014 30 01	2	
aluminium brown/anthracite matt, aluminium anodised, 5gang	1015 30 01	2	

Design	Order no.	PU	941
aluminium red/polar white matt, aluminium anodised, 1gang	1011 30 22	10	
aluminium red/polar white matt, aluminium anodised, 2gang	1012 30 22	10	
aluminium red/polar white matt, aluminium anodised, 3gang	1013 30 22	10	
aluminium red/polar white matt, aluminium anodised, 4gang	1014 30 22	2	
aluminium red/polar white matt, aluminium anodised, 5gang	1015 30 22	2	

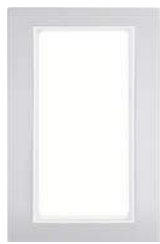
Design	Order no.	PU	941
aluminium red/anthracite matt, aluminium anodised, 1gang	1011 30 12	10	
aluminium red/anthracite matt, aluminium anodised, 2gang	1012 30 12	10	
aluminium red/anthracite matt, aluminium anodised, 3gang	1013 30 12	10	
aluminium red/anthracite matt, aluminium anodised, 4gang	1014 30 12	2	
aluminium red/anthracite matt, aluminium anodised, 5gang	1015 30 12	2	

Design	Order no.	PU	941
aluminium gold/polar white matt, aluminium anodised, 1gang	1011 30 46	10	
aluminium gold/polar white matt, aluminium anodised, 2gang	1012 30 46	10	
aluminium gold/polar white matt, aluminium anodised, 3gang	1013 30 46	10	
aluminium gold/polar white matt, aluminium anodised, 4gang	1014 30 46	2	
aluminium gold/polar white matt, aluminium anodised, 5gang	1015 30 46	2	

Design	Order no.	PU	941
aluminium gold/anthracite matt, aluminium anodised, 1gang	1011 30 16	10	
aluminium gold/anthracite matt, aluminium anodised, 2gang	1012 30 16	10	
aluminium gold/anthracite matt, aluminium anodised, 3gang	1013 30 16	10	
aluminium gold/anthracite matt, aluminium anodised, 4gang	1014 30 16	2	
aluminium gold/anthracite matt, aluminium anodised, 5gang	1015 30 16	2	

Frames with large cut-out

- for vertical mounting
- not suitable for surface-mounted housing



Frame with large cut-out

▶ 941

Suitable for	Order no.	Page
Push-button 4gang	8016 47 80	743
Push-button 3gang with thermostat	7566 37 80	785
Push-button 5gang with thermostat	7566 57 80	785

Design	Order no.	PU
aluminium/polar white matt, aluminium anodised	1309 39 04	1



Frame with large cut-out

▶ 941

Suitable for	Order no.	Page
Push-button 4gang	8016 47 85	743
Push-button 3gang with thermostat	7566 37 85	785
Push-button 5gang with thermostat	7566 57 85	785

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised	1309 30 04	1



Frame with large cut-out

▶ 941

Suitable for	Order no.	Page
Push-button 4gang	8016 47 80	743
Push-button 3gang with thermostat	7566 37 80	785
Push-button 5gang with thermostat	7566 57 80	785

Design	Order no.	PU
aluminium black/polar white matt, aluminium anodised	1309 30 25	1



Frame with large cut-out

▶ 941

Suitable for	Order no.	Page
Push-button 4gang	8016 47 85	743
Push-button 3gang with thermostat	7566 37 85	785
Push-button 5gang with thermostat	7566 57 85	785

Design	Order no.	PU
aluminium black/anthracite matt, aluminium anodised	1309 30 05	1



Frame with large cut-out

▶ 941

Suitable for	Order no.	Page
Push-button 4gang	8016 47 80	743
Push-button 3gang with thermostat	7566 37 80	785
Push-button 5gang with thermostat	7566 57 80	785

Design	Order no.	PU
aluminium brown/polar white matt, aluminium anodised	1309 30 21	1







Frame with large cut-out

▶ 941

Suitable for	Order no.	Page
Push-button 4gang	8016 47 85	743
Push-button 3gang with thermostat	7566 37 85	785
Push-button 5gang with thermostat	7566 57 85	785

Design	Order no.	PU
aluminium brown/anthracite matt, aluminium anodised	1309 30 01	1

	Frame with large cut-out		▶ 941											
		<table border="0"> <tr> <td>Suitable for</td> <td>Order no.</td> <td>Page</td> </tr> <tr> <td>Push-button 4gang</td> <td>8016 47 80</td> <td>743</td> </tr> <tr> <td>Push-button 3gang with thermostat</td> <td>7566 37 80</td> <td>785</td> </tr> <tr> <td>Push-button 5gang with thermostat</td> <td>7566 57 80</td> <td>785</td> </tr> </table>	Suitable for	Order no.	Page	Push-button 4gang	8016 47 80	743	Push-button 3gang with thermostat	7566 37 80	785	Push-button 5gang with thermostat	7566 57 80	785
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Push-button 3gang with thermostat	7566 37 80	785												
Push-button 5gang with thermostat	7566 57 80	785												
	Design	Order no.	PU											
	aluminium red/polar white matt, aluminium anodised	1309 30 22	1											
	Frame with large cut-out		▶ 941											
		<table border="0"> <tr> <td>Suitable for</td> <td>Order no.</td> <td>Page</td> </tr> <tr> <td>Push-button 4gang</td> <td>8016 47 85</td> <td>743</td> </tr> <tr> <td>Push-button 3gang with thermostat</td> <td>7566 37 85</td> <td>785</td> </tr> <tr> <td>Push-button 5gang with thermostat</td> <td>7566 57 85</td> <td>785</td> </tr> </table>	Suitable for	Order no.	Page	Push-button 4gang	8016 47 85	743	Push-button 3gang with thermostat	7566 37 85	785	Push-button 5gang with thermostat	7566 57 85	785
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Push-button 4gang	8016 47 85	743												
Push-button 3gang with thermostat	7566 37 85	785												
Push-button 5gang with thermostat	7566 57 85	785												
	Design	Order no.	PU											
	aluminium red/anthracite matt, aluminium anodised	1309 30 12	1											
	Frame with large cut-out		▶ 941											
		<table border="0"> <tr> <td>Suitable for</td> <td>Order no.</td> <td>Page</td> </tr> <tr> <td>Push-button 4gang</td> <td>8016 47 80</td> <td>743</td> </tr> <tr> <td>Push-button 3gang with thermostat</td> <td>7566 37 80</td> <td>785</td> </tr> <tr> <td>Push-button 5gang with thermostat</td> <td>7566 57 80</td> <td>785</td> </tr> </table>	Suitable for	Order no.	Page	Push-button 4gang	8016 47 80	743	Push-button 3gang with thermostat	7566 37 80	785	Push-button 5gang with thermostat	7566 57 80	785
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Push-button 4gang	8016 47 80	743												
Push-button 3gang with thermostat	7566 37 80	785												
Push-button 5gang with thermostat	7566 57 80	785												
	Design	Order no.	PU											
	aluminium gold/polar white matt, aluminium anodised	1309 30 46	1											
	Frame with large cut-out		▶ 941											
		<table border="0"> <tr> <td>Suitable for</td> <td>Order no.</td> <td>Page</td> </tr> <tr> <td>Push-button 4gang</td> <td>8016 47 85</td> <td>743</td> </tr> <tr> <td>Push-button 3gang with thermostat</td> <td>7566 37 85</td> <td>785</td> </tr> <tr> <td>Push-button 5gang with thermostat</td> <td>7566 57 85</td> <td>785</td> </tr> </table>	Suitable for	Order no.	Page	Push-button 4gang	8016 47 85	743	Push-button 3gang with thermostat	7566 37 85	785	Push-button 5gang with thermostat	7566 57 85	785
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Push-button 5gang with thermostat	7566 57 85	785												
	Design	Order no.	PU											
	aluminium gold/anthracite matt, aluminium anodised	1309 30 16	1											

Surface-mounted housing



Surface-mounted housing

Installation depth

37 mm

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.
For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

Suitable for optional	Order no.	Page
Entries/connectors		page 676

Design	Order no.	PU
polar white, matt, plastic, 1gang	1041 19 09	10
polar white matt, 2gang vertical	1042 19 09	5
polar white matt, 3gang vertical	1043 19 09	5
anthracite matt, 1gang	1041 16 06	10
anthracite, matt, 2gang vertical	1042 16 06	5
anthracite, matt, 3gang vertical	1043 16 06	5

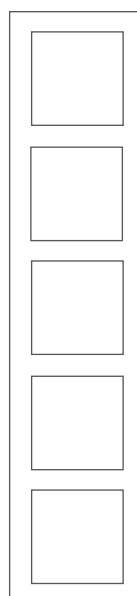
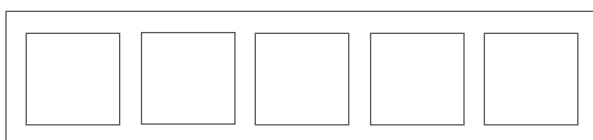
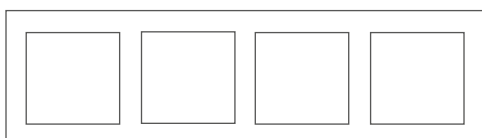
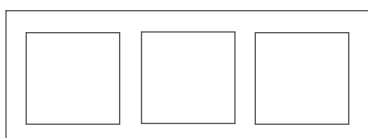
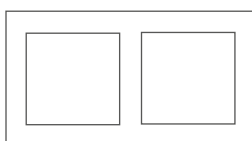
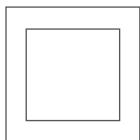
Berker B.7 Frames

In terms of the frames' appearance, the B.7 is following an entirely different concept to the B.3 switch range. Whereas the B.3 offers several colours but just one material, the B.7 includes a wide variety of materials. Plastic, glass, aluminium and stainless steel can be used to add both visual and tactile flourishes. However, the colour palette of the plastic and glass frames – polar white, anthracite, black and aluminium – remains highly unobtrusive.



Berker B.7

Product examples



Dimensions

Frame 1gang

W 95 x H 90 mm, 1gang

Frames 2-5gang, horizontal

W 161 x H 95 mm, 2gang

W 232 x H 95 mm, 3gang

W 303 x H 95 mm, 4gang

W 384 x H 95 mm, 5gang

Frames 2-5gang, vertical

H 161 x W 95 mm, 2gang

H 232 x W 95 mm, 3gang

H 303 x W 95 mm, 4gang

H 384 x W 95 mm, 5gang





Surfaces Frames

Glass, glossy, printed on the back
 polar white similar to RAL 9010
 black similar to RAL 9005
 aluminium similar to RAL 9006

Plastic, matt
 polar white similar to RAL 9010
 anthracite similar to RAL 9005
 aluminium lacquered similar to RAL 9006

Metal
Aluminium
Stainless steel

Covers / Central inserts

Plastic, matt
 polar white similar to RAL 9010
 anthracite similar to RAL 7021
 aluminium lacquered similar to RAL 9006

Plastic, glossy
 polar white similar to RAL 9010

Central plates

Plastic, matt lacquered
 anthracite similar to RAL 7021
 polar white similar to RAL 9010

Plastic, glossy
 polar white similar to RAL 9010



Frames

– not suitable for surface-mounted housing



Frame

– for vertical and horizontal mounting
– plastic

▶ 941

Design	Order no.	PU
polar white matt, 1gang	1011 69 19	10
polar white matt, 2gang	1012 69 19	10
polar white matt, 3gang	1013 69 19	10
polar white matt, 4gang	1014 69 19	1
polar white matt, 5gang	1015 69 19	1

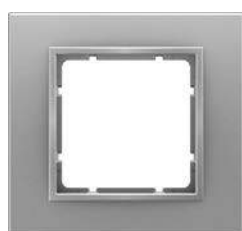


Frame

– for vertical and horizontal mounting
– plastic

▶ 941

Design	Order no.	PU
anthracite matt, 1gang	1011 66 26	10
anthracite matt, 2gang	1012 66 26	10
anthracite matt, 3gang	1013 66 26	5
anthracite matt, 4gang	1014 66 26	1
anthracite matt, 5gang	1015 66 26	1



Frame

– for vertical and horizontal mounting
– plastic

▶ 941

Design	Order no.	PU
aluminium matt, lacquered, 1gang	1011 64 24	10
aluminium matt, lacquered, 2gang	1012 64 24	10
aluminium matt, lacquered, 3gang	1013 64 24	5
aluminium matt, lacquered, 4gang	1014 64 24	1
aluminium matt, lacquered, 5gang	1015 64 24	1

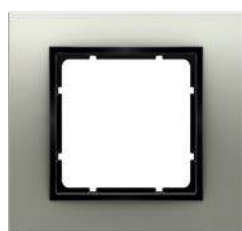


Frame

– for vertical and horizontal mounting
– metal, anodised aluminium

▶ 941

Design	Order no.	PU
aluminium/polar white matt, aluminium anodised, 1gang	1011 69 14	10
aluminium/polar white matt, aluminium anodised, 2gang	1012 69 14	5
aluminium/polar white matt, aluminium anodised, 3gang	1013 69 14	5
aluminium/polar white matt, aluminium anodised, 4gang	1014 69 14	1
aluminium/polar white matt, aluminium anodised, 5gang	1015 69 14	1



Frame

– for vertical and horizontal mounting
– metal, anodised aluminium

▶ 941

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised, 1gang	1011 69 04	10
aluminium/anthracite matt, aluminium anodised, 2gang	1012 69 04	5
aluminium/anthracite matt, aluminium anodised, 3gang	1013 69 04	5
aluminium/anthracite matt, aluminium anodised, 4gang	1014 69 04	1
aluminium/anthracite matt, aluminium anodised, 5gang	1015 69 04	1



Frame

- for vertical and horizontal mounting
- metal, stainless steel, brushed

▶ 941

Design	Order no.	PU
stainless steel/polar white matt, metal brushed, 1gang	1011 36 09	10
stainless steel/polar white matt, metal brushed, 2gang vertical	1012 36 09	5
stainless steel/polar white matt, metal brushed, 3gang vertical	1013 36 09	5
stainless steel/polar white matt, metal brushed, 4gang vertical	1014 36 09	1
stainless steel/anthracite matt, metal brushed, 5gang vertical	1015 36 09	1
stainless steel/anthracite matt, metal brushed, 2gang horizontal	1022 36 09	5
stainless steel/anthracite matt, metal brushed, 3gang horizontal	1023 36 09	5
stainless steel/anthracite matt, metal brushed, 4gang horizontal	1024 36 09	1
stainless steel/anthracite matt, metal brushed, 5gang horizontal	1025 36 09	1



Frame

- for vertical and horizontal mounting
- metal, stainless steel, brushed

▶ 941

Design	Order no.	PU
stainless steel/anthracite matt, metal brushed, 1gang	1011 36 06	10
stainless steel/anthracite matt, metal brushed, 2gang vertical	1012 36 06	5
stainless steel/anthracite matt, metal brushed, 3gang vertical	1013 36 06	5
stainless steel/anthracite matt, metal brushed, 4gang vertical	1014 36 06	1
stainless steel/anthracite matt, metal brushed, 5gang vertical	1015 36 06	1
stainless steel/anthracite matt, metal brushed, 2gang horizontal	1022 36 06	5
stainless steel/anthracite matt, metal brushed, 3gang horizontal	1023 36 06	5
stainless steel/anthracite matt, metal brushed, 4gang horizontal	1024 36 06	1
stainless steel/anthracite matt, metal brushed, 5gang horizontal	1025 36 06	1



Frame

- for vertical and horizontal mounting
- toughened glass

▶ 941

Design	Order no.	PU
glass polar white/polar white matt, 1gang	1011 69 09	10
glass polar white/polar white matt, 2gang	1012 69 09	5
glass polar white/polar white matt, 3gang	1013 69 09	5
glass polar white/polar white matt, 4gang	1014 69 09	1
glass polar white/polar white matt, 5gang	1015 69 09	1



Frame

- for vertical and horizontal mounting
- toughened glass

▶ 941

Design	Order no.	PU
glass black/anthracite matt, 1gang	1011 66 16	10
glass black/anthracite matt, 2gang	1012 66 16	5
glass black/anthracite matt, 3gang	1013 66 16	5
glass black/anthracite matt, 4gang	1014 66 16	1
glass black/anthracite matt, 5gang	1015 66 16	1



Frame

- for vertical and horizontal mounting
- toughened glass

▶ 941

Design	Order no.	PU
glass aluminium/aluminium matt, lacquered, 1gang	1011 64 14	10
glass aluminium/aluminium matt, lacquered, 2gang	1012 64 14	5
glass aluminium/aluminium matt, lacquered, 3gang	1013 64 14	5
glass aluminium/aluminium matt, lacquered, 4gang	1014 64 14	1
glass aluminium/aluminium matt, lacquered, 5gang	1015 64 14	1

Frames with large cut-out

- for vertical mounting
- not suitable for surface-mounted housing



Frame with large cut-out

- plastic

▶ 941

Design	Order no.	PU
polar white matt, lacquered	1309 69 19	2

Suitable for	Order no.	Page
Push-button 4gang	8016 47 80	743
Push-button 3gang with thermostat	7566 37 80	785
Push-button 5gang with thermostat	7566 57 80	785



Frame with large cut-out

- plastic

▶ 941

Design	Order no.	PU
anthracite matt, lacquered	1309 66 26	2

Suitable for	Order no.	Page
Push-button 4gang	8016 47 85	743
Push-button 3gang with thermostat	7566 37 85	785
Push-button 5gang with thermostat	7566 57 85	785



Frame with large cut-out

- plastic

▶ 941

Design	Order no.	PU
aluminium matt, lacquered	1309 64 24	2

Suitable for	Order no.	Page
Push-button 4gang	8016 47 85	743
Push-button 3gang with thermostat	7566 37 85	785
Push-button 5gang with thermostat	7566 57 85	785



Frame with large cut-out

- metal, aluminum profile anodized

▶ 941

Design	Order no.	PU
aluminium/polar white matt, aluminium anodised	1309 69 14	2

Suitable for	Order no.	Page
Push-button 4gang	8016 47 80	743
Push-button 3gang with thermostat	7566 37 80	785
Push-button 5gang with thermostat	7566 57 80	785








Frame with large cut-out

- metal, aluminum profile anodized

▶ 941

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised	1309 69 04	2

Suitable for	Order no.	Page
Push-button 4gang	8016 47 85	743
Push-button 3gang with thermostat	7566 37 85	785
Push-button 5gang with thermostat	7566 57 85	785

	Frame with large cut-out		▶ 941
		– stainless steel surface, brushed transversely	
	Suitable for	Order no.	Page
	Push-button 4gang	8016 47 80	743
	Push-button 3gang with thermostat	7566 37 80	785
	Push-button 5gang with thermostat	7566 57 80	785
Design	Order no.		PU
stainless steel/polar white matt, metal brushed	1309 36 09		2
	Frame with large cut-out		▶ 941
		– stainless steel surface, brushed transversely	
	Suitable for	Order no.	Page
	Push-button 4gang	8016 47 85	743
	Push-button 3gang with thermostat	7566 37 85	785
	Push-button 5gang with thermostat	7566 57 85	785
Design	Order no.		PU
stainless steel/anthracite matt, metal brushed	1309 36 06		2
	Glass frame with large cut-out		▶ 941
		– toughened glass	
	Suitable for	Order no.	Page
	Push-button 4gang	8016 47 80	743
	Push-button 3gang with thermostat	7566 37 80	785
	Push-button 5gang with thermostat	7566 57 80	785
Design	Order no.		PU
glass polar white/polar white matt	1309 69 09		2
	Glass frame with large cut-out		▶ 941
		– toughened glass	
	Suitable for	Order no.	Page
	Push-button 4gang	8016 47 85	743
	Push-button 3gang with thermostat	7566 37 85	785
	Push-button 5gang with thermostat	7566 57 85	785
Design	Order no.		PU
glass black/anthracite matt	1309 66 16		2
	Glass frame with large cut-out		▶ 941
		– toughened glass	
	Suitable for	Order no.	Page
	Push-button 4gang	8016 47 85	743
	Push-button 3gang with thermostat	7566 37 80	785
	Push-button 5gang with thermostat	7566 57 80	785
Design	Order no.		PU
glass aluminium/aluminium matt, lacquered	1309 64 14		2

Berker Q.1 | Q.3 | Q.7 Inserts

The features of the switch design lines Q.1 and Q.3 are best experienced hands-on. 'Plastic, silky' is the name of the material used – the velvety surface is truly unique. You can also experience the flat switching angles and the level profile, which is produced by the flush finish of the frame and centre plate, using your tactile senses. In terms of the feel and also the appearance, the Q.1 and the Q.3 provide a coherent picture which sets them far apart from other switch ranges.



SCHUKO socket outlets	232
Safety devices flush-mounted	240
International socket outlet systems	241
Covers for switches/push-buttons	247
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Electronics platform	252
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Covers for blind switches/push-buttons	254
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SCHUKO socket outlets

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

SCHUKO socket outlets



SCHUKO socket outlet

Rated voltage 250 V~ - with plug-in terminals
Rated current 16 A

▶ 895

Design	Order no.	PU
white velvety	4743 60 82	10
polar white velvety	4743 60 89	10
anthracite velvety, lacquered	4743 60 86	10
aluminium velvety, lacquered	4743 60 84	10



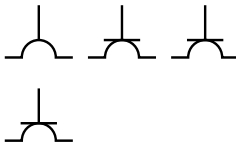
SCHUKO socket outlet

- enhanced contact protection - with plug-in terminals

▶ 895

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white velvety	4723 60 82	10
polar white velvety	4723 60 89	10
anthracite velvety, lacquered	4723 60 86	10
aluminium velvety, lacquered	4723 60 84	10



SCHUKO socket outlet

- screw-in lift terminals - with screw-in lift terminals

▶ 895

Rated voltage 250 V~
Rated current 16 A
Installation depth 32 mm

Design	Order no.	PU
white velvety	4143 60 82	10
polar white velvety	4143 60 89	10
anthracite velvety, lacquered	4143 60 86	10
aluminium velvety, lacquered	4143 60 84	10



SCHUKO socket outlet

- enhanced contact protection - with screw-in lift terminals
- screw-in lift terminals

▶ 895

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white velvety	4123 60 82	10
polar white velvety	4123 60 89	10
anthracite velvety, lacquered	4123 60 86	10
aluminium velvety, lacquered	4123 60 84	10





SCHUKO socket outlet 45°

▶ 895

Rated voltage 250 V~ – for diagonal installation
 Rated current 16 A – with plug-in terminals

Specially suited for combining several socket outlets if right angle plugs are used.

Design	Order no.	PU
white velvety	4727 60 82	10
polar white velvety	4727 60 89	10
anthracite velvety, lacquered	4727 60 86	10
aluminium velvety, lacquered	4727 60 84	10



SCHUKO socket outlet

- labelling field

- with plug-in terminals

▶ 895

Rated voltage 250 V~
 Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white velvety	4750 60 82	10
polar white velvety	4750 60 89	10
anthracite velvety, lacquered	4750 60 86	10
aluminium velvety, lacquered	4750 60 84	10



SCHUKO socket outlet

- labelling field

- enhanced contact protection

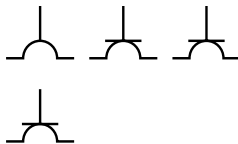
- with plug-in terminals

▶ 895

Rated voltage 250 V~
 Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white velvety	4749 60 82	10
polar white velvety	4749 60 89	10
anthracite velvety, lacquered	4749 60 86	10
aluminium velvety, lacquered	4749 60 84	10



SCHUKO socket outlet

- labelling field

- enhanced contact protection

- screw-in lift terminals

- with screw-in lift terminals

▶ 895

Rated voltage 250 V~
 Rated current 16 A
 Installation depth 32 mm

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white velvety	4149 60 82	10
polar white velvety	4149 60 89	10
anthracite velvety, lacquered	4149 60 86	10
aluminium velvety, lacquered	4149 60 84	10





SCHUKO socket outlet with LED orientation light

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Light intensity (white)	0.2 cd
Power consumption	0.25 W/0.35 VA
Switch-on brightness	ca. 2 lx
Switch-off brightness	ca. 4 lx
Conductor cross-section (rigid)	max. 2.5 mm ²

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
white velvety	4109 60 82	10
polar white velvety	4109 60 89	10
anthracite velvety, lacquered	4109 60 86	10
aluminium velvety, lacquered	4109 60 84	10



SCHUKO socket outlet with control LED

▶ 895

- labelling field
- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

- with screw-in lift terminals

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white velvety	4110 60 82	10
polar white velvety	4110 60 89	10
anthracite velvety, lacquered	4110 60 86	10
aluminium velvety, lacquered	4110 60 84	10



Double SCHUKO socket outlet with cover plate, high

▶ 895

Rated voltage	250 V~
Rated current	16 A

- integrated earth handle in cover frame provides protection against soiling during painting and renovation work
- with plug-in terminals

Caution!
The cover plate with earth handle must be installed prior to commissioning.

Design	Order no.	PU
Berker Q.1		
polar white velvety	4774 60 89	10
anthracite velvety, lacquered	4774 60 86	10
aluminium velvety, lacquered	4774 60 84	10
Berker Q.3		
polar white velvety	4774 60 99	10
anthracite velvety, lacquered	4774 60 96	10
aluminium velvety, lacquered	4774 60 94	10





Double SCHUKO socket outlet with cover plate, high

▶ 895

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

Caution!
The cover plate with earth handle must be installed prior to commissioning.

- integrated earth handle in cover frame provides protection against soiling during painting and renovation work
- with plug-in terminals

Design Order no. PU

Berker Q.1

polar white velvety	4759 60 89	10
anthracite velvety, lacquered	4759 60 86	10
aluminium velvety, lacquered	4759 60 84	10

Berker Q.3

polar white velvety	4759 60 99	10
anthracite velvety, lacquered	4759 60 96	10
aluminium velvety, lacquered	4759 60 94	10



Combination SCHUKO socket outlet 2gang with frame

▶ 895

Rated voltage 250 V~
Rated current 16 A

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

- 2 x 1gang, wired-through
- without spreader claws
- with plug-in terminals

Design Order no. PU

Berker Q.1

white velvety	4720 60 82	5
polar white velvety	4720 60 89	5
anthracite velvety, lacquered	4720 60 86	5
aluminium velvety, lacquered	4720 60 84	5



SCHUKO socket outlets with hinged cover

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



SCHUKO socket outlet with hinged cover

▶ 895

Rated voltage 250 V~
Rated current 16 A

- with hinged cover that falls back
- with imprint
- with plug-in terminals

Design Order no. PU

white velvety	4751 60 62	10
polar white velvety	4751 60 69	10
anthracite velvety, lacquered	4751 60 66	10
aluminium velvety, lacquered	4751 60 64	10



SCHUKO socket outlet with hinged cover

▶ 895

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

- with hinged cover that falls back
- with imprint
- with plug-in terminals



Design Order no. PU


white velvety	4751 60 72	10
polar white velvety	4751 60 79	10
anthracite velvety, lacquered	4751 60 76	10
aluminium velvety, lacquered	4751 60 74	10



SCHUKO socket outlet with hinged cover ▶ 895




- enhanced contact protection
- with self-closing hinged covers
- with imprint
- with plug-in terminals

		Rated voltage	250 V~	Suitable for optional	Order no.	Page
		Rated current	16 A	Sealing set for socket outlets/centre plates	1010 72 00	267
		Design		Order no.		PU
		white velvety		4751 60 82		10
		polar white velvety		4751 60 89		10
		anthracite velvety, lacquered		4751 60 86		10
		aluminium velvety, lacquered		4751 60 84		10




SCHUKO socket outlet with hinged cover ▶ 895

- enhanced contact protection
- installation position variable in 45° steps
- with hinged cover that falls back
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

	 	Rated voltage	250 V~			
		Rated current	16 A			




Specially suited for combining several socket outlets if right angle plugs are used.

Design	Order no.	PU
white velvety	4744 60 82	10
polar white velvety	4744 60 89	10
anthracite velvety, lacquered	4744 60 86	10
aluminium velvety, lacquered	4744 60 84	10



SCHUKO socket outlet with hinged cover ▶ 895


- labelling field
- enhanced contact protection
- installation position variable in 45° steps
- with hinged cover that falls back
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

	 	Rated voltage	250 V~			
		Rated current	16 A			

Specially suited to combinations of several socket outlets if right angle plugs are used.



Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
white velvety	4746 60 82	10
polar white velvety	4746 60 89	10
anthracite velvety, lacquered	4746 60 86	10
aluminium velvety, lacquered	4746 60 84	10




SCHUKO socket outlet with hinged cover ▶ 895

- labelling field
- enhanced contact protection
- with self-closing hinged covers
- with imprint
- with plug-in terminals

		Rated voltage	250 V~	Suitable for optional	Order no.	Page
		Rated current	16 A	Sealing set for socket outlets/centre plates	1010 72 00	267

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white velvety	4752 60 82	10
polar white velvety	4752 60 89	10
anthracite velvety, lacquered	4752 60 86	10
aluminium velvety, lacquered	4752 60 84	10



SCHUKO socket outlet with hinged cover

▶ 895



- lock - differing closures



- e. g. for washing machine
- with 2 keys
- with spreader claws
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	267

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Design	Order no.	PU
white velvety	4763 60 82	10
polar white velvety	4763 60 89	10
anthracite velvety, lacquered	4763 60 86	10
aluminium velvety, lacquered	4763 60 84	10



SCHUKO socket outlet with hinged cover

▶ 895



- lock - differing closures
- screw-in lift terminals



- e. g. for washing machine
- with 2 keys
- with spreader claws
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	267

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Design	Order no.	PU
white velvety	4163 60 82	10
polar white velvety	4163 60 89	10
anthracite velvety, lacquered	4163 60 86	10
aluminium velvety, lacquered	4163 60 84	10



SCHUKO socket outlets for special applications

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



SCHUKO socket outlet

▶ 895

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

Insert colour-coded.

Design	Order no.	PU
red velvety	4743 60 12	10
green velvety	4743 60 13	10
orange velvety	4743 60 14	10



SCHUKO socket outlet

▶ 895

- screw-in lift terminals



- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Installation depth 32 mm

Insert colour-coded.

Design	Order no.	PU
red velvety	4143 60 12	10
green velvety	4143 60 13	10
orange velvety	4143 60 14	10





SCHUKO socket outlet with imprint

▶ 895

Rated voltage 250 V~ – with imprint
Rated current 16 A – with plug-in terminals

Insert colour-coded.

Design	Order no.	PU
polar white velvety, imprint "EDV" in black	4743 60 09	10
polar white velvety, imprint "EDV" in red	4743 60 79	10
polar white velvety, imprint "SV" in green	4743 60 39	10
polar white velvety, imprint "ZSV" in orange	4743 60 49	10



SCHUKO socket outlet with imprint

▶ 895

- screw-in lift terminals

– with imprint
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red velvety, imprint "EDV"	4743 60 22	10
green velvety, imprint "SV"	4743 60 03	10
orange velvety, imprint "ZSV"	4743 60 07	10



SCHUKO socket outlet with imprint

▶ 895

- enhanced contact protection

– with imprint
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red velvety, imprint "EDV"	4723 60 22	10
green velvety, imprint "SV"	4723 60 03	10
orange velvety, imprint "ZSV"	4723 60 07	10



SCHUKO socket outlet

▶ 895

- labelling field

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
red velvety	4750 60 02	10
green velvety	4750 60 03	10
orange velvety	4750 60 07	10





SCHUKO socket outlet with imprint

- labelling field

- with plug-in terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
red velvety, imprint "EDV"	4750 60 15	10
green velvety, imprint "SV"	4750 60 13	10
orange velvety, imprint "ZSV"	4750 60 14	10



SCHUKO socket outlet with control LED and imprint

- labelling field
- enhanced contact protection
- screw-in lift terminals

- with screw-in lift terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.
Execution SV, ZSV according to VDE 0100-710

Design	Order no.	PU
red velvety, imprint "EDV"	4110 60 15	10
green velvety, imprint "SV"	4110 60 13	10
orange velvety, imprint "ZSV"	4110 60 14	10



SCHUKO socket outlet with hinged cover and imprint

Rated voltage 250 V~
Rated current 16 A

- with hinged cover that falls back
- with plug-in terminals

▶ 895

Design	Order no.	PU
polar white velvety, imprint "EDV" in red	4751 60 59	10
polar white velvety, imprint "SV" in green	4751 60 39	10
polar white velvety, imprint "ZSV" in orange	4751 60 49	10



SCHUKO socket outlet with hinged cover and imprint

- labelling field
- enhanced contact protection

- with self-closing hinged covers
- with plug-in terminals

▶ 895




Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	267

Design	Order no.	PU
polar white velvety, imprint "EDV" in red	4752 60 59	10
polar white velvety, imprint "SV" in green	4752 60 39	10
polar white velvety, imprint "ZSV" in orange	4752 60 49	10





SCHUKO socket outlet with hinged cover, control LED and imprint ▶ 895

- enhanced contact protection
- screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

- with self-closing hinged covers
- with imprint
- with screw-in lift terminals

Insert colour-coded.
Execution SV, ZSV according to VDE 0100-710


Design	Order no.	Page
red velvety, imprint "EDV"	4151 60 15	10
green velvety, imprint "SV"	4151 60 13	10
orange velvety, imprint "ZSV"	4151 60 14	10

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	267



Safety devices flush-mounted

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection ▶ 894

- labelling field
- screw terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Installation depth	32 mm

- with imprint
- with indicator LED for "on/error"
- with acoustic fault signal
- with screw terminals

Labelling field height arranged for P-touch strips 6 mm.
Connection terminals according to IEC 60884-1
Overvoltage protection according to EN 61643 and VDE 0675-6-11

Design	Order no.	PU
white velvety	4108 60 82	1
polar white velvety	4108 60 89	1
anthracite velvety, lacquered	4108 60 86	1
red velvety	4108 60 62	1
aluminium velvety, lacquered	4108 60 84	1

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	267





SCHUKO socket outlet with residual current circuit-breaker

▶ 893

- enhanced contact protection



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Surge current resistance	250 A (8/20) µs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA
Trigger time	≤ 30 ms

- to protect connected and downstream loads
- type A for alternating currents and pulsating direct currents
- with spreader claws
- with plug-in terminals

Through-wired socket outlets are also protected.

For use in old installations with provision made to safeguard existing standards without additional protective regulations

Connection terminals according to IEC 60884-1

Tested conform VDE 0664 (EN 61008)

Design	Order no.	PU
white velvety	4708 60 82	1
polar white velvety	4708 60 89	1
anthracite velvety, lacquered	4708 60 86	1
aluminium velvety, lacquered	4708 60 84	1



Covers for protection switch

50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with adapter ring for centre plate 50 x 50 mm from the corresponding range.

Suitable for	Order no.	Page
Adapter rings for centre plates 50 x 50 mm Residual current circuit-breaker	2844 01	page 262 35

Design	Order no.	PU
polar white matt/velvety	1496 19 09	1
anthracite, matt	1496 16 06	1
aluminium matt, lacquered	1496 14 04	1

International socket outlet systems

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

Socket outlets without earthing contact



Socket outlet without earthing contact

▶ 895

Rated voltage	250 V~	- 2pole
Rated current	16 A	- without spreader claws
		- with plug-in terminals

Design	Order no.	PU
white velvety	61 6703 60 82	10
polar white velvety	61 6703 60 89	10
anthracite velvety, lacquered	61 6703 60 86	10
aluminium velvety, lacquered	61 6703 60 84	10





Socket outlet without earthing contact

- enhanced contact protection



Rated voltage
Rated current

250 V~
16 A

- 2pole
- without spreader claws
- with plug-in terminals

▶ 895

Design	Order no.	PU
white velvety	61 6733 60 82	10
polar white velvety	61 6733 60 89	10
anthracite velvety, lacquered	61 6733 60 86	10
aluminium velvety, lacquered	61 6733 60 84	10



Socket outlet without earthing contact

- screw terminals



Rated voltage
Rated current

250 V~
16 A

- 2pole
- with screw terminals

▶ 895

Design	Order no.	PU
white velvety	61 6103 60 82	10
polar white velvety	61 6103 60 89	10
anthracite velvety, lacquered	61 6103 60 86	10
aluminium velvety, lacquered	61 6103 60 84	10



Socket outlets with earthing pin



Socket outlet with earthing pin

- enhanced contact protection



Rated voltage
Rated current

250 V~
16 A

- 2pole + earth
- with plug-in terminals

▶ 895

Design	Order no.	PU
white velvety	67 6876 60 82	10
polar white velvety	67 6876 60 89	10
anthracite velvety, lacquered	67 6876 60 86	10
aluminium velvety, lacquered	67 6876 60 84	10



Socket outlet with earthing pin

- enhanced contact protection
- screw-in lift terminals



Rated voltage
Rated current

250 V~
16 A

- 2pole + earth
- with screw-in lift terminals

▶ 895

Design	Order no.	PU
white velvety	67 6576 60 82	10
polar white velvety	67 6576 60 89	10
anthracite velvety, lacquered	67 6576 60 86	10
aluminium velvety, lacquered	67 6576 60 84	10





Socket outlet with earthing pin and LED orientation light

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Light intensity (white)	0.2 cd
Power consumption	0.25 W/0.35 VA
Switch-on brightness	ca. 2 lx
Switch-off brightness	ca. 4 lx
Conductor cross-section (rigid)	max. 2.5 mm ²

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- 2pole + earth
- through-wiring possible, therefore also ideal for retro-fitting
- with screw-in lift terminals

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
white velvety	67 6510 60 82	10
polar white velvety	67 6510 60 89	10
anthracite velvety, lacquered	67 6510 60 86	10
aluminium velvety, lacquered	67 6510 60 84	10



Socket outlet with earth contact pin and monitoring LED

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

- 2pole + earth
- with screw-in lift terminals

Design	Order no.	PU
white velvety	67 6509 60 82	10
polar white velvety	67 6509 60 89	10
anthracite velvety	67 6509 60 86	10
aluminium velvety, lacquered	67 6509 60 84	10



Socket outlets with earthing pin and hinged cover



Socket outlet with earthing pin and hinged cover

▶ 895

- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A

- with hinged cover that falls back
- with imprint
- 2pole + earth
- with plug-in terminals




Design	Order no.	PU
white velvety	67 6877 60 82	10
polar white velvety	67 6877 60 89	10
anthracite velvety, lacquered	67 6877 60 86	10
aluminium velvety, lacquered	67 6877 60 84	10



Socket outlet with earthing pin and hinged cover ▶ 895


- enhanced contact protection
- screw-in lift terminals

- with hinged cover that falls back
- with imprint
- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white velvety	67 6583 60 82	10
polar white velvety	67 6583 60 89	10
anthracite velvety, lacquered	67 6583 60 86	10
aluminium velvety, lacquered	67 6583 60 84	10





Socket outlets with earthing pin and hinged cover

Socket outlet with earthing pin and hinged cover ▶ 895


- enhanced contact protection

- with hinged cover that falls back
- with imprint
- 2pole + earth
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A




Design	Order no.	PU
white velvety	67 6877 60 82	10
polar white velvety	67 6877 60 89	10
anthracite velvety, lacquered	67 6877 60 86	10
aluminium velvety, lacquered	67 6877 60 84	10



Socket outlet with earthing pin and hinged cover ▶ 895


- enhanced contact protection
- screw-in lift terminals

- with hinged cover that falls back
- with imprint
- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A



Design	Order no.	PU
white velvety	67 6583 60 82	10
polar white velvety	67 6583 60 89	10
anthracite velvety, lacquered	67 6583 60 86	10
aluminium velvety, lacquered	67 6583 60 84	10



Socket outlet with earthing pin and hinged cover ▶ 895

- lock - differing closures

- e. g. for washing machine
- with 2 keys
- 2pole + earth
- with spreader claws
- with plug-in terminals





Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Design	Order no.	PU
white velvety	67 6811 60 82	10
polar white velvety	67 6811 60 89	10
anthracite velvety, lacquered	67 6811 60 86	10
aluminium velvety, lacquered	67 6811 60 84	10

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	267



Socket outlet with earthing pin and hinged cover ▶ 895



- lock - differing closures
- screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

- e. g. for washing machine
- with 2 keys
- 2pole + earth
- with spreader claws
- with screw-in lift terminals

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	267

Design	Order no.	PU
white velvety	67 6511 60 82	10
polar white velvety	67 6511 60 89	10
anthracite velvety, lacquered	67 6511 60 86	10
aluminium velvety, lacquered	67 6511 60 84	10



Socket outlets with earthing pin for special applications



Socket outlet with earthing pin ▶ 895

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

- 2pole + earth
- with plug-in terminals

Design	Order no.	PU
red velvety	67 6876 60 12	10
green velvety	67 6876 60 13	10
orange velvety	67 6876 60 14	10



Socket outlet with earthing pin ▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

- 2pole + earth
- with screw-in lift terminals

Design	Order no.	PU
red velvety	67 6576 60 12	10
green velvety	67 6576 60 13	10
orange velvety	67 6576 60 14	10



Socket outlet with earth contact pin and monitoring LED ▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

- 2pole + earth
- with screw-in lift terminals

Design	Order no.	PU
red velvety	67 6509 60 15	10
green velvety	67 6509 60 13	10
orange velvety	67 6509 60 14	10



BRITISH STANDARD socket outlets



Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

▶ 895

- enhanced contact protection
- screw terminals

- 2pole + earth
- without spreader claws
- with screw terminals



Rated voltage 250 V~
Rated current 13 A

Suitable for
Centre plate for socket outlets, British Standard, can be switched off

Order no. **Page**
page 246

Design	Order no.	PU
polar white glossy	5342 02 19	10
anthracite matt	5342 02 16	10



Centre plate for socket outlets, British Standard, can be switched off

Design	Order no.	PU
white velvety	33 1307 60 82	10
polar white velvety	33 1307 60 89	10
anthracite velvety	33 1307 60 86	10
aluminium velvety, lacquered	33 1307 60 84	10

NEMA-socket outlets



Socket outlet with earthing contact USA/CANADA NEMA 5-15 R

▶ 895

- screw terminals

- 2pole + earth
- without spreader claws
- with screw terminals



Rated voltage 125 V~
Rated current 15 A

Not UL-certified.
Standard NEMA 5-15 R

Design	Order no.	PU
white velvety	4166 60 82	10
polar white velvety	4166 60 89	10
anthracite velvety, lacquered	4166 60 86	10
aluminium velvety, lacquered	4166 60 84	10



Socket outlet with earthing contact USA/CANADA NEMA 5-20 R

▶ 895

- screw terminals

- 2pole + earth
- without spreader claws
- with screw terminals



Rated voltage 125 V~
Rated current 20 A

Not UL-certified.
Standard NEMA 5-20 R

Design	Order no.	PU
white velvety	4168 60 82	10
polar white velvety	4168 60 89	10
anthracite velvety, lacquered	4168 60 86	10
aluminium velvety, lacquered	4168 60 84	10



Socket outlets with earthing contact Switzerland



Socket outlet with earthing contact, SWITZERLAND, type 13

- enhanced contact protection

- 2pole + earth
- with plug-in terminals



Rated voltage 250 V~
Rated current 10 A



Design	Order no.	PU
polar white matt/velvety	× 4713 60 99	10

Covers for switches/push-buttons

Rockers

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

 **Rocker**



Design	Suitable for	Order no.	Page
	Rocker switches		page 20
	Rocker push-buttons		page 20
	optional		
	Sealing set for switches/push-buttons	1010 71 00	267
Design	Order no.		PU
white velvety	1620 60 82		10
polar white velvety	1620 60 89		10
anthracite velvety, lacquered	1620 60 86		10
aluminium velvety lacquered	1620 60 84		10

 **Rocker with imprinted symbol for light**



Design	Suitable for	Order no.	Page
	Rocker switches		page 20
	Rocker push-buttons		page 20
	optional		
	Sealing set for switches/push-buttons	1010 71 00	267
Design	Order no.		PU
white velvety	1620 60 42		10
polar white velvety	1620 60 49		10
anthracite velvety, lacquered	1620 60 46		10
aluminium velvety lacquered	1620 60 44		10

 **Rocker with imprinted symbol for bell**







Design	Suitable for	Order no.	Page
	Rocker push-buttons		page 20
	optional		
	Sealing set for switches/push-buttons	1010 71 00	267
Design	Order no.		PU
white velvety	1620 60 52		10
polar white velvety	1620 60 59		10
anthracite velvety, lacquered	1620 60 56		10
aluminium velvety lacquered	1620 60 54		10



 **Rocker with imprinted symbol for door opener**






Design	Suitable for	Order no.	Page
	Rocker push-buttons		page 20
	optional		
	Sealing set for switches/push-buttons	1010 71 00	267
Design	Order no.		PU
white velvety	1620 60 62		10
polar white velvety	1620 60 69		10
anthracite velvety, lacquered	1620 60 66		10
aluminium velvety lacquered	1620 60 64		10

	Rocker			
	- labelling field			
				
	For labelling with names, notes etc.			
	Labelling field height designed for 6 mm P-touch strip.			
	Design	Order no.		PU
	white velvety	1626 60 82		10
	polar white velvety	1626 60 89		10
	anthracite velvety, lacquered	1626 60 86		10
	aluminium velvety lacquered	1626 60 84		10

	Rocker			
	- lens			
				
	Lenses available in orange and clear.			
	The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.			
	Design	Order no.		PU
	white velvety	1621 60 82		10
	polar white velvety	1621 60 89		10
	anthracite velvety, lacquered	1621 60 86		10
	aluminium velvety lacquered	1621 60 84		10

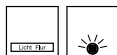
	Rocker with imprinted symbol for light			
	- lens			
				
	Lenses available in orange and clear.			
	The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.			
	Design	Order no.		PU
	white velvety	1621 60 72		10
	polar white velvety	1621 60 79		10
	anthracite velvety, lacquered	1621 60 76		10
	aluminium velvety lacquered	1621 60 74		10

	Rocker			
	- labelling field			
	- lens			
	 			
	For labelling with names, notes etc.			
	Labelling field height designed for 6 mm P-touch strip.			
	Lenses available in orange and clear.			
	The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.			
	Design	Order no.		PU
	white velvety	1628 60 82		10
	polar white velvety	1628 60 89		10
	anthracite velvety, lacquered	1628 60 86		10
	aluminium velvety lacquered	1628 60 84		10

Rocker with imprinted symbol for bell



- labelling field
- lens



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.
Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	267

Design	Order no.	PU
white velvety	1628 60 72	10
polar white velvety	1628 60 79	10
anthracite velvety, lacquered	1628 60 76	10
aluminium velvety lacquered	1628 60 74	10

Rocker



- large labelling field
- lens



Labelling field (W x H) $\approx 54.8 \times 42.8$ mm

For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

– for illumination and monitoring circuit

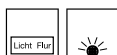
Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	267

Design	Order no.	PU
white velvety	1696 60 82	10
polar white velvety	1696 60 89	10
anthracite velvety, lacquered	1696 60 86	10
aluminium velvety, lacquered	1696 60 84	10

Rocker with imprinted symbol for bell



- large labelling field
- lens



Labelling field (W x H) $\approx 54.8 \times 42.8$ mm

For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	267

Design	Order no.	PU
white velvety	1696 60 72	10
polar white velvety	1696 60 79	10
anthracite velvety, lacquered	1696 60 76	10
aluminium velvety, lacquered	1696 60 74	10

Rockers for multi-pole rocker switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

Rocker with imprint "0"



Design	Order no.	Page
white velvety	1622 60 82	10
polar white velvety	1622 60 89	10
anthracite velvety, lacquered	1622 60 86	10
aluminium velvety lacquered	1622 60 84	10

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26
optional		
Sealing set for switches/push-buttons	1010 71 00	267

Rocker with imprint "0"



- orange lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

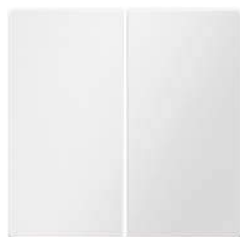
- for illumination and monitoring circuit

Design	Order no.	Page
white velvety	1624 60 82	10
polar white velvety	1624 60 89	10
anthracite velvety, lacquered	1624 60 86	10
aluminium velvety lacquered	1624 60 84	10

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26
optional		
Sealing set for switches/push-buttons	1010 71 00	267

Multiple Rockers

Rocker 2gang



Design	Order no.	Page
white velvety	1623 60 82	10
polar white velvety	1623 60 89	10
anthracite velvety, lacquered	1623 60 86	10
aluminium velvety lacquered	1623 60 84	10

- for rockers switches
- for rockers push-buttons and group rockers push-buttons

Suitable for	Order no.	Page
Rocker switches, 2gang		page 29
Series push-buttons		page 29

Rocker 2gang



- lens



Illumination only possible by 1 neon lamp unit.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- for rockers switches
- for rockers push-buttons and group rockers push-buttons

Design	Order no.	Page
white velvety	1627 60 82	10
polar white velvety	1627 60 89	10
anthracite velvety, lacquered	1627 60 86	10
aluminium velvety lacquered	1627 60 84	10

Suitable for	Order no.	Page
Rocker switches, 2gang		page 29
Series push-buttons		page 29



Rocker 3gang

	Suitable for On/off switch 3gang	Order no. 6330 23	Page 32
Design	Order no.		PU
white velvety	1665 60 82		10
polar white velvety	1665 60 89		10
anthracite velvety, lacquered	1665 60 86		10
aluminium velvety lacquered	1665 60 84		10

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

	Suitable for Pullcord switches/pullcord push-buttons	Order no.	Page page 32
Design	Order no.		PU
white velvety	1146 60 82		10
polar white velvety	1146 60 89		10
anthracite velvety, lacquered	1146 60 86		10
aluminium velvety, lacquered	1146 60 84		10

Centre plates for key switches/key push-buttons

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.



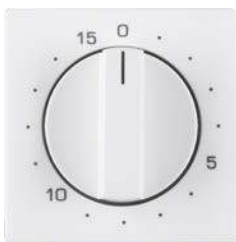
Centre plate for key switch/key push-button

– for master-key systems

	Suitable for Key switches/key push-buttons Lock cylinder optional Sealing set for key switches/key push-buttons	Order no. 1818 .. 1010 70 00	Page page 33 62 267
Design	Order no.		PU
white velvety	1507 60 82		10
polar white velvety	1507 60 89		10
anthracite velvety, lacquered	1507 60 86		10
aluminium velvety, lacquered	1507 60 84		10

Timers

Centre plates for mechanical timer



Centre plate for mechanical timer

	Suitable for Mechanical timer	Order no.	Page page 49
Design	Order no.		PU
with time scale 15 min			
white velvety	1632 60 82		1
polar white velvety	1632 60 89		1
anthracite velvety, lacquered	1632 60 86		1
aluminium velvety lacquered	1632 60 84		1



with time scale 120 min			
white velvety	1633 60 82		1
polar white velvety	1633 60 89		1
anthracite velvety, lacquered	1633 60 86		1
aluminium velvety	1633 60 84		1



Centre plate for time relay insert

- push-button with clear lens

- with imprint



Suitable for
Time relay insert

Order no.
2948 10

Page
51

Axis dimension Ø 4 mm

Design	Order no.	PU
white velvety	1674 60 82	10
polar white velvety	1674 60 89	10
anthracite velvety, lacquered	1674 60 86	10
aluminium velvety lacquered	1674 60 84	10

Electronics platform

Buttons for switches/dimmers



Button 1gang

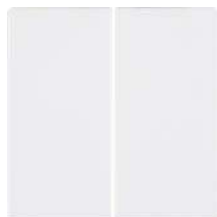
Operating voltage

via insert - with 2-push-buttons operation concept
- low intrinsic energy requirement

▶ 896

Suitable for	Order no.	Page
Switch insert 1gang	8512 11 00	37
Relay insert	8512 12 00	36
Touch dimmer (R, L)	8542 11 00	38
Universal touch dimmer 1gang	8542 12 00	38
DALI/DSI control insert	8542 17 00	39

Design	Order no.	PU
white velvety	8514 11 22	1
polar white velvety	8514 11 29	1
anthracite velvety, lacquered	8514 11 26	1
aluminium velvety, lacquered	8514 11 24	1



Button 2gang

Operating voltage

via insert - with 2-push-buttons operation concept per series
- low intrinsic energy requirement

▶ 896

Suitable for	Order no.	Page
Switch insert 2gang	8512 22 00	37
Universal touch dimmer 2gang	8542 21 00	39

Design	Order no.	PU
white velvety	8514 21 22	1
polar white velvety	8514 21 29	1
anthracite velvety, lacquered	8514 21 26	1
aluminium velvety, lacquered	8514 21 24	1



Motion detector covers



IR Motion detector comfort

Delay time, adjustable ≈ 10 s ... 30 min

Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)

- with memory function for presence simulation
- party function for switching on for 2 hours
- teach function for response brightness via button
- with keylock
- with button for on/off/automatic
- step operation with immunity time (e.g. for stair light/ impact current circuits)
- low intrinsic energy requirement

▶ 896

Suitable for	Order no.	Page
Inserts		page 72

Design	Order no.	PU
Nominal mounting height 1.1 m		
white velvety	8534 12 22	1
polar white velvety	8534 12 29	1
anthracite velvety, lacquered	8534 12 26	1
aluminium velvety, lacquered	8534 12 24	1
Nominal mounting height 2.2 m		
white velvety	8534 22 22	1
polar white velvety	8534 22 29	1
anthracite velvety, lacquered	8534 22 26	1
aluminium velvety, lacquered	8534 22 24	1





Motion detector

▶ 896

- Delay time ≈ 180 s
 Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)
- with memory function for presence simulation
 - party function for switching on for 2 hours
 - teach function for response brightness via button
 - with keylock
 - with button for on/off/automatic
 - low intrinsic energy requirement

Suitable for	Order no.	Page
Inserts		page 72
Order no.		PU

Design

Nominal mounting height 1.1 m

white velvety	8534 11 22	1
polar white velvety	8534 11 29	1
anthracite velvety, lacquered	8534 11 26	1
aluminium velvety, lacquered	8534 11 24	1

Nominal mounting height 2.2 m

white velvety	8534 21 22	1
polar white velvety	8534 21 29	1
anthracite velvety, lacquered	8534 21 26	1
aluminium velvety, lacquered	8534 21 24	1



Blind buttons



Blind button

▶ 896

- Delay time, adjustable 0 s ... 500 s
 Venetian blind movement time 2 min
 Self-retaining for 2 min on button-press > 0.4 s
- Can be switched to orientation led by extension unit.
- memory function for automatic execution of learned up and down times with position
 - party function, no execution of automatic, radio and extension unit commands (lock-out protection)
 - low intrinsic energy requirement

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	92
Order no.		PU

Design

white velvety	8524 11 22	1
polar white velvety	8524 11 29	1
anthracite velvety, lacquered	8524 11 26	1
aluminium velvety, lacquered	8524 11 24	1



Time switches for blinds



Blind time switch

▶ 896

- display



- Number of operation times for up/down 20
 Running time 2 min
 Power reserve ≈ 24 h
 Self-retaining for 2 min on button-press > 0.5 s
- Control using device buttons and programmed switching times.
 Can be switched to orientation led by extension unit.
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
 - with keylock
 - reset function (to factory setting)
 - low intrinsic energy requirement
 - with switchover manual/automatic mode
 - 2 independent preset programme memories, individually adaptable
 - astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
 - holiday programme for random variation of the operation times in automatic operation

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	92

Design

white velvety	8574 11 22	1
polar white velvety	8574 11 29	1
anthracite velvety, lacquered	8574 11 26	1
aluminium velvety, lacquered	8574 11 24	1



Covers for dimmers

Centre plates for rotary dimmers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

Centre plate for rotary dimmer/rotary potentiometer



- setting knob



Axis dimension Ø

4 mm

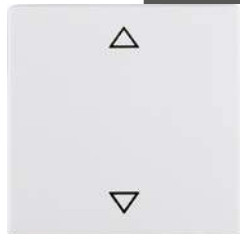
Design	Order no.	Page
white velvety	1137 60 82	10
polar white velvety	1137 60 89	10
anthracite velvety, lacquered	1137 60 86	10
aluminium velvety, lacquered	1137 60 84	10

Suitable for	Order no.	Page
optional		
Sealing set for socket outlets/centre plates	1010 72 00	267

Covers for blind switches/push-buttons

Rockers with imprint

Rocker with imprinted arrows symbol



Design	Order no.	Page
white velvety	1620 60 72	10
polar white velvety	1620 60 79	10
anthracite velvety, lacquered	1620 60 76	10
aluminium velvety lacquered	1620 60 74	10

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	30
optional		
Sealing set for switches/push-buttons	1010 71 00	267



Rocker 2gang with imprinted arrow symbol

Design	Order no.	Page
white velvety	1625 60 82	10
polar white velvety	1625 60 89	10
anthracite velvety, lacquered	1625 60 86	10
aluminium velvety lacquered	1625 60 84	10

Suitable for	Order no.	Page
Blind series switch 1pole	3035 20	66
Blind series push-button 1pole	5035 20	84




Rocker 2gang with imprinted arrows symbol

Design	Order no.	Page
white velvety	1644 60 82	10
polar white velvety	1644 60 89	10
anthracite velvety, lacquered	1644 60 86	10
aluminium velvety lacquered	1644 60 84	10

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	30

Centre plates for rotary switches for blinds

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



 **Centre plate with rotary knob for rotary switch for blinds**

– with imprint

Design

Design	Order no.	PU
white velvety	1080 60 82	1
polar white velvety	1080 60 89	1
anthracite velvety, lacquered	1080 60 86	1
aluminium velvety, lacquered	1080 60 84	1

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	267
Interlock disk for rotary switch for blinds	1861	87

Centre plates for key switches/key push-buttons for blinds

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.



Centre plate with lock and push lock function for switch for blinds

– key can be removed in 0 position



– with imprint
– with 2 keys

Design

Design	Order no.	PU
white velvety	1081 60 82	1
polar white velvety	1081 60 89	1
anthracite velvety, lacquered	1081 60 86	1
aluminium velvety, lacquered	1081 60 84	1

Suitable for	Order no.	Page
Switch for blinds 2pole for centre plate with lock	3852	88
Switch for blinds 1pole for centre plate with lock	3851	87



Centre plate with lock and push lock function for switch for blinds

– Key can be removed in 3 positions



– with imprint
– with 2 keys

Design

Design	Order no.	PU
white velvety	1082 60 82	1
polar white velvety	1082 60 89	1
anthracite velvety, lacquered	1082 60 86	1
aluminium velvety, lacquered	1082 60 84	1

Suitable for	Order no.	Page
Switch for blinds 2pole for centre plate with lock	3852	88
Switch for blinds 1pole for centre plate with lock	3851	87



Centre plate with lock and touch function for switch for blinds

– key can be removed in 0 position



– with imprint
– with 2 keys

Design

Design	Order no.	PU
white velvety	1083 60 82	1
polar white velvety	1083 60 89	1
anthracite velvety, lacquered	1083 60 86	1
aluminium velvety, lacquered	1083 60 84	1

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	87
Switch for blinds 2pole for centre plate with lock	3852	88

Centre plate for key push-button for blinds/key switch



- with imprint
- for master-key systems

Suitable for	Order no.	Page
Switch for blinds 1pole for lock cylinder	3821 20	89
Switch for blinds 2pole for lock cylinder	3822 10	90
Push-button for blinds 1pole for lock cylinder	3831 ..	90
Push-button for blinds 2pole for lock cylinder	3832 10	90
Lock cylinder	1818 ..	62
optional		
Sealing set for key switches/key push-buttons	1010 70 00	267

Design	Order no.	PU
white velvety	1506 60 82	10
polar white velvety	1506 60 89	10
anthracite velvety, lacquered	1506 60 86	10
aluminium velvety, lacquered	1506 60 84	10

HVAC controllers and covers

Thermostats



Thermostat, NO contact, with centre plate

- time-controlled



- for underfloor heating control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

Rated voltage	230 V~
Frequency	50 Hz
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10
Energy efficiency class	IV (2%)

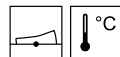
Suitable for optional	Order no.	Page
Temperature sensor (33 kΩ)	161	110

Design	Order no.	PU
white velvety	2044 60 82	1
polar white velvety	2044 60 89	1
anthracite velvety, lacquered	2044 60 86	1
aluminium velvety, lacquered	2044 60 84	1



Thermostat, NO contact, with centre plate, for underfloor heating

- rocker switch
- external temperature sensor



884

Rated voltage	250 V~
Frequency	50/60 Hz
Energy efficiency class	I (1%)

Design	Order no.	PU
white velvety	2034 60 82	1
polar white velvety	2034 60 89	1
anthracite velvety, lacquered	2034 60 86	1
aluminium velvety, lacquered	2034 60 84	1



Temperature controller, change-over contact, with centre plate

Rated voltage	250 V~	- for heating or cooling mode
Frequency	50/60 Hz	

884

Design	Order no.	PU
white velvety	2026 60 82	1
polar white velvety	2026 60 89	1
anthracite velvety, lacquered	2026 60 86	1
aluminium velvety, lacquered	2026 60 84	1





Temperature controller, NC contact, with centre plate

▶ 884

- rocker switch



Rated voltage	250 V~
Frequency	50/60 Hz
Energy efficiency class	I (1%)

Design	Order no.	PU
white velvety	2030 60 82	1
polar white velvety	2030 60 89	1
anthracite velvety, lacquered	2030 60 86	1
aluminium velvety, lacquered	2030 60 84	1



Temperature controller, NC contact, with centre plate, 24 V AC/DC

▶ 884

- rocker switch

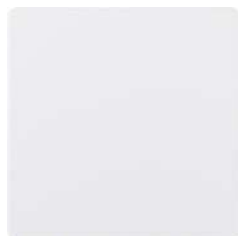


Rated voltage	24 V~/24 V=
Frequency	50/60 Hz
Energy efficiency class	I (1%)

Design	Order no.	PU
white velvety	2031 60 82	1
polar white velvety	2031 60 89	1
anthracite velvety, lacquered	2031 60 86	1
aluminium velvety, lacquered	2031 60 84	1



Central plates for sensor inserts



Central plate for sensor insert

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

Suitable for	Order no.	Page
Intermediate rings		page 262
Sensor insert	7594 10 01	105

Design	Order no.	PU
polar white matt/velvety	7594 04 89	1

Rockers for heating applications

☑☑☑ Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker with imprint "Heizung"

- orange lens



Use glass pane-protected switch for heating applications from programme ranges Arsys, wg Up IP44 alternatively.
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional Sealing set for switches/push-buttons	1010 71 00	267

Design	Order no.	PU
white velvety	1621 60 62	10
polar white velvety	1621 60 69	10
aluminium velvety lacquered	1621 60 64	10

Centre plates for air conditioner/fan controllers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

Centre plate with rotary knob for 3-step switch



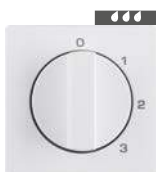
Design

without 0-position, imprint 2-1-3

	Order no.	Page
white velvety	1084 60 82	1
polar white velvety	1084 60 89	1
anthracite velvety, lacquered	1084 60 86	1
aluminium velvety, lacquered	1084 60 84	1

with 0-position, imprint 0-1-2-3

white velvety	1096 60 82	1
polar white velvety	1096 60 89	1
anthracite velvety, lacquered	1096 60 86	1
aluminium velvety, lacquered	1096 60 84	1



Suitable for	Order no.	Page
3-step switches	3861 ..	108
optional		
Sealing set for socket outlets/centre plates	1010 72 00	267
Order no.		PU

Centre plate for speed controller

- **setting knob**



Axis dimension Ø

4 mm

- with imprinted symbol curve

Suitable for	Order no.	Page
Speed controller	2968 01	109
optional		
Sealing set for socket outlets/centre plates	1010 72 00	267

Design

	Order no.	Page
white velvety	1137 60 72	10
polar white velvety	1137 60 79	10
anthracite velvety, lacquered	1137 60 76	10
aluminium velvety, lacquered	1137 60 74	10

Communication/multimedia technology

- for information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

Covers data communications / telecommunications

Centre plate with TAE cut-out



- also for KNX applications: USB data interface, flush-mounted

Design

	Order no.	Page
white velvety	1033 60 82	10
polar white velvety	1033 60 89	10
anthracite velvety, lacquered	1033 60 86	10
aluminium velvety, lacquered	1033 60 84	10

Suitable for	Order no.	Page
Loudspeaker connector box	4572 0 ..	137
Stereo loudspeaker connector box	4573 0 ..	137
Modular FCC socket outlet 8/pole shielded, cat.6 iso	4588	118
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135



Centre plate with TDO cut-out

- also for KNX applications: USB data interface, flush-mounted

Design	Order no.	Page
white velvety	68 1033 60 82	10
polar white velvety	68 1033 60 89	10
anthracite velvety, lacquered	68 1033 60 86	10
aluminium velvety, lacquered	68 1033 60 84	10

Suitable for	Order no.	Page
Loudspeaker connector box	4572 0 ..	137
Stereo loudspeaker connector box	4573 0 ..	137
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135



Centre plate for FCC socket outlet

- with 45° oblique outlet
- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- for WLAN access-points

Design	Order no.	Page
white velvety	1407 60 82	10
polar white velvety	1407 60 89	10
anthracite velvety, lacquered	1407 60 86	10
aluminium velvety, lacquered	1407 60 84	10

Suitable for	Order no.	Page
FCC socket outlets 1gang		page 114
WLAN Access-Point UP	4582	115
WLAN Access-Point flush-mounted, PoE	4583	115



Centre plate for FCC socket outlet 2gang

- with 45° oblique outlet
- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso

Design	Order no.	Page
white velvety	1409 60 82	10
polar white velvety	1409 60 89	10
anthracite velvety, lacquered	1409 60 86	10
aluminium velvety, lacquered	1409 60 84	10

Suitable for	Order no.	Page
FCC socket outlets 2gang		page 116



Centre plate with dust protection slider

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting device 1gang, order no. 4540 0 .. und 4542 01, see chapter **communication/multimedia technology**

Design	Order no.	Page
white velvety	1170 60 82	10
polar white velvety	1170 60 89	10
anthracite velvety, lacquered	1170 60 86	10
aluminium velvety, lacquered	1170 60 84	10



Centre plate with 2 dust protection sliders

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 0 .. and 4542 02, see chapter **communication/multimedia technology**

Design	Order no.	Page
white velvety	1181 60 82	10
polar white velvety	1181 60 89	10
anthracite velvety, lacquered	1181 60 86	10
aluminium velvety, lacquered	1181 60 84	10



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- with 30° oblique outlet
- for Mini-Com dummy modules 1 gang
- labelling field latchable in matching intermediate ring

Suitable for	Order no.	Page
Intermediate rings		page 262
Multimedia modules		page 145
Mini jack, 8-pole		page 126

Design	Order no.	PU
polar white matt/velvety	1427 19 09	10



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- with 30° oblique outlet
- labelling field latchable in matching intermediate ring

Suitable for	Order no.	Page
Intermediate rings		page 262

Design	Order no.	PU
polar white matt/velvety	1472 19 09	10



Central plate for Reichle&De-Massari double module

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- with 30° oblique outlet
- labelling field latchable in matching intermediate ring

Suitable for	Order no.	Page
Intermediate rings		page 262

Design	Order no.	PU
polar white matt/velvety	1461 19 09	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect, cat.3, cat.5, cat.5e and cat.6
- with 30° oblique outlet
- labelling field latchable in matching intermediate ring

Suitable for	Order no.	Page
Intermediate rings		page 262

Design	Order no.	PU
polar white matt/velvety	1463 19 09	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks, cat.5, cat.5e and cat.6
- with 30° oblique outlet
- labelling field latchable in matching intermediate ring

Suitable for	Order no.	Page
Intermediate rings		page 262

Design	Order no.	PU
polar white matt/velvety	1464 19 09	10



Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 2 fibre-optic couplings
- with 30° oblique outlet
- labelling field latchable in matching intermediate ring

Suitable for	Order no.	Page
Intermediate rings		page 262

Design	Order no.	PU
polar white matt/velvety, 2gang	1492 19 09	10



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 1 or 2 fibre-optic couplings
- with 30° oblique outlet
- 1 knock out opening
- labelling field latchable in matching intermediate ring

Design	Order no.	Page
polar white matt/velvety	1480 19 09	10

Suitable for Intermediate rings Order no. Page page 262

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

Design	Order no.	Page
white velvety	1203 60 82	10
polar white velvety	1203 60 89	10
anthracite velvety, lacquered	1203 60 86	10
aluminium velvety, lacquered	1203 60 84	10



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

Design	Order no.	Page
white glossy	1484 02	10
polar white matt/velvety	1484 19 09	10
anthracite matt	1494 16 06	10
aluminium matt, lacquered	1494 14 04	10

Suitable for Aerial socket 4hole single box Order no. 4594 .. Page 129



Central plate for aerial socket 4hole (Hirschmann)

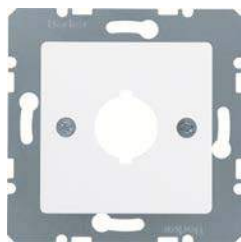
Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

Design	Order no.	Page
polar white matt/velvety	1483 19 09	10

Suitable for Intermediate rings Order no. Page page 262

Central plates for signalling and command units



Central plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable in matching intermediate ring
- with cut-out dia. 18.8 mm

Design	Order no.	Page
polar white matt/velvety	1431 19 09	10

Suitable for Intermediate rings Order no. Page page 262
optional Built-in socket for floating output 4604 683



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable in matching intermediate ring
- with cut-out dia. 22.5 mm

Installation aperture according to IEC 60947-5-1

Design	Order no.	Page
polar white matt/velvety	1432 19 09	10
yellow glossy	1432 07	10

Suitable for Intermediate rings Order no. Page page 262

Intermediate rings



Intermediate ring for central plate

– labelling field latchable

Design	Order no.	PU
white velvety	1109 60 82	10
polar white velvety	1109 60 89	10
anthracite velvety, lacquered	1109 60 86	10
aluminium velvety, lacquered	1109 60 84	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

Suitable for Intermediate ring for central plate
Order no.
Page page 262

Design	Order no.	PU
white glossy	1905 00 02	10
polar white glossy	1905 00 69	10

Adapter rings for centre plates 50 x 50 mm



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.
For centre plate according to DIN 49075

– for centre plate of third-party manufacturers with external dimension 50 x 50 mm

Suitable for 50 x 50 mm centre plate for RCD protection switch
Order no.
Page page 241

Design	Order no.	PU
white velvety	1109 60 72	10
polar white velvety	1109 60 79	10
anthracite velvety, lacquered	1109 60 76	10
aluminium velvety, lacquered	1109 60 74	10

Covers Audio

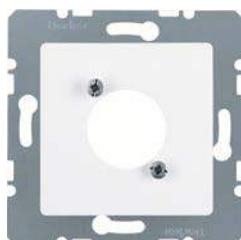


Centre plate for loudspeaker socket outlet

– 1 knock out opening

Suitable for Loudspeaker socket outlet High End
Order no. 4505 02
Page 139

Design	Order no.	PU
white velvety	1196 60 82	10
polar white velvety	1196 60 89	10
anthracite velvety, lacquered	1196 60 86	10
aluminium velvety, lacquered	1196 60 84	10



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm
Screw spacing (horizontal/vertical) 19/24 mm

– labelling field latchable in matching intermediate ring
– speakon and jack connector

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Suitable for Intermediate rings
Order no.
Page page 262

Design	Order no.	PU
polar white matt/velvety	1412 19 09	10

Video socket outlets



VGA socket outlet

Frequency range video max. 160 MHz – S-VGA compatible
Resolution max. 1280 x 1024 px

▶ 886

Design	Order no.	PU
with double jack		
white velvety	33 1540 60 82	10
polar white velvety	33 1540 60 89	10
anthracite velvety, lacquered	33 1540 60 86	10
aluminium velvety, lacquered	33 1540 60 84	10
back side, with screw-in lift terminals		
white velvety ¹⁾	33 1541 60 82	10
polar white velvety ¹⁾	33 1541 60 89	10
anthracite velvety, lacquered ¹⁾	33 1541 60 86	10
aluminium velvety, lacquered ¹⁾	33 1541 60 84	10

¹⁾ for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²



Multimedia sockets



High definition socket outlet

Transmission rate max. 8.16 GBit/s – 19pole
Resolution max. 1920 x 1080 px – with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
– gold-plated contacts

▶ 892

Design	Order no.	PU
back side, with straight socket		
white velvety	33 1542 60 82	10
polar white velvety	33 1542 60 89	10
anthracite velvety, lacquered	33 1542 60 86	10
aluminium velvety, lacquered	33 1542 60 84	10
back side, with 90° angle socket		
white velvety	33 1543 60 82	10
polar white velvety	33 1543 60 89	10
anthracite velvety, lacquered	33 1543 60 86	10
aluminium velvety, lacquered	33 1543 60 84	10



3 x Cinch/S-Video socket outlet

Frequency range audio 20 ... 20000 Hz – 1 cinch double jack for video connection (yellow)
Frequency range video max. 160 MHz – 2 cinch double jacks for audio connection (red, white)
– S-Video double jack
– gold-plated contacts

▶ 892

Design	Order no.	PU
white velvety	33 1532 60 82	10
polar white velvety	33 1532 60 89	10
anthracite velvety, lacquered	33 1532 60 86	10
aluminium velvety, lacquered	33 1532 60 84	10



USB/3.5 mm audio socket outlet

USB transmission rate max. 5 GBit/s – double jack gold-plated 3.5 mm, stereo
Frequency range audio 20 ... 20000 Hz – USB, double socket type A, USB 3.0 compliant
– reverse-compatible to USB 2.0

▶ 892

NEW, available from September 2018!
With USB double jack type A, USB 3.0 compatible.

Design	Order no.	PU
white velvety	33 1539 60 82	10
polar white velvety	33 1539 60 89	10
anthracite velvety, lacquered	33 1539 60 86	10
aluminium velvety, lacquered	33 1539 60 84	10



Consumer electronics



Berker Radio Touch

- loudspeaker



Operating voltage	230 V~
Frequency	50/60 Hz
Frequency range (radio reception)	87.5 ... 108 MHz
Conductor cross-section (loudspeakers)	max. 1.5 mm ²
Dimensions of display (W x H)	35 x 28 mm

- stereo FM radio with RDS display
- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- with 2 loudspeaker connections
- external audio input, e.g. for MP3 player or docking station
- with one loudspeaker

Suitable for optional	Order no.	Page
Loudspeaker		page 264
Ceiling loudspeaker Ø 80 mm	2885 00 00	149
Ceiling loudspeaker Ø 140 mm	2885 00 01	149

Design	Order no.	PU
white velvety	2880 60 82	1
polar white velvety	2880 60 89	1
anthracite velvety, lacquered	2880 60 86	1
aluminium velvety, lacquered	2880 60 84	1



Berker Radio Touch

Operating voltage	230 V~
Frequency	50/60 Hz
Frequency range (radio reception)	87.5 ... 108 MHz
Conductor cross-section	max. 2.5 mm ²
Conductor cross-section (loudspeakers)	max. 1.5 mm ²
Dimensions of display (W x H)	35 x 28 mm

- stereo FM radio with RDS display
- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- with 2 loudspeaker connections
- external audio input, e.g. for MP3 player or docking station

At least one loudspeaker must be connected for operation.

Suitable for	Order no.	Page
Loudspeaker		page 264
Ceiling loudspeaker Ø 80 mm	2885 00 00	149
Ceiling loudspeaker Ø 140 mm	2885 00 01	149

Design	Order no.	PU
white velvety	2884 60 82	1
polar white velvety	2884 60 89	1
anthracite velvety, lacquered	2884 60 86	1
aluminium velvety, lacquered	2884 60 84	1



Loudspeaker

Impedance	4 Ω
Conductor cross-section (flexible)	0.5 mm ²
Pre-assembled cable	≈ 25 cm
Installation depth	35 mm

- confectioned, with 2-core, double-insulated, flexible cable

Suitable for	Order no.	Page
Berker Radio Touch		page 264

Design	Order no.	PU
white velvety	2882 60 82	1
polar white velvety	2882 60 89	1
anthracite velvety, lacquered	2882 60 86	1
aluminium velvety, lacquered	2882 60 84	1



Pilot lamps

LED signal lights



LED signal light, white lighting

▶ 875

Rated voltage 230 V~ – for signalling notices, information or warnings
 Frequency 50/60 Hz – brightness modifiable via potentiometer
 Power consumption at 230 V~, 50 Hz - max. 1 W – light colour cold white
 – switchable via separate switch

Suitable for optional Order no. Page
 Foil for LED signal light page 54

Design	Order no.	PU
white velvety	2953 60 82	1
polar white velvety	2953 60 89	1
anthracite velvety lacquered	2953 60 86	1
aluminium velvety, lacquered	2953 60 84	1



LED signal light, RGB

▶ 875

Rated voltage 230 V~ – for signalling notices, information or warnings
 Frequency 50/60 Hz – brightness modifiable via potentiometer
 Power consumption at 195...265 V~, 50/60 Hz - max. 3.7 W – light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence callable via push-button
 – colour sequence can be stopped at any position via the push-button.
 – colour is switchable via an external switch

Suitable for optional Order no. Page
 Foil for LED signal light page 54

Design	Order no.	PU
white velvety	2951 60 82	1
polar white velvety	2951 60 89	1
anthracite velvety lacquered	2951 60 86	1
aluminium velvety, lacquered	2951 60 84	1



LED signal light, red/green lighting

▶ 875

Rated voltage 230 V~ – for signalling of e.g. access control
 Frequency 50/60 Hz – switchable between red and green via separate switches
 Power consumption at 230 V~, 50 Hz - per colour max. 0.5 W

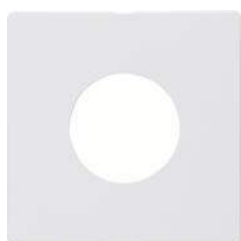
Suitable for optional Order no. Page
 Foil bi-colour for LED signal light page 55

Design	Order no.	PU
white velvety	2952 60 82	1
polar white velvety	2952 60 89	1
anthracite velvety lacquered	2952 60 86	1
aluminium velvety, lacquered	2952 60 84	1



Pilot lamps

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.2 mm – centre plate for plug-in fixing

Suitable for Order no. Page
 Cover for push-button/pilot lamp E10 page 56
 Knob for push-button/pilot lamp E10 page 57
 LED lamp E10 page 57
 Neon lamp E10 page 57
 Push-button/pilot lamp E10, NO contact 5101 .. 55

Design	Order no.	PU
white velvety	1124 60 82	10
polar white velvety	1124 60 89	10
anthracite velvety, lacquered	1124 60 86	10
aluminium velvety, lacquered	1124 60 84	10



Centre plate for pilot lamp E14



Design	Suitable for	Order no.	Page
white velvety	Cover for pilot lamp E14		page 58
polar white velvety	LED lamp E14		page 58
anthracite velvety, lacquered	Incandescent lamp E14		page 59
aluminium velvety, lacquered	Pilot lamp E14	5131 02	57
	optional		
	Sealing set for socket outlets/centre plates	1010 72 00	267
	Order no.		PU
		1198 60 82	10
		1198 60 89	10
		1198 60 86	10
		1198 60 84	10

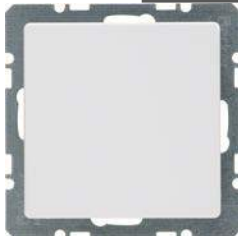
Supplementary products



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



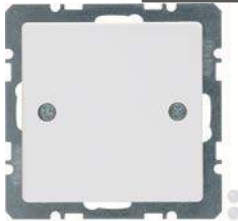
Blind plug with centre plate



Design	Suitable for	Order no.	Page
without spreader claws			
white velvety	– on supporting plate without cut-out		
polar white velvety			
anthracite velvety, lacquered			
aluminium velvety, lacquered			
	optional		
	Sealing set for socket outlets/centre plates	1010 72 00	267
	Order no.		PU
		1009 60 82	20
		1009 60 89	20
		1009 60 86	20
		1009 60 84	20
with base and spreader claws			
white velvety		67 1009 60 82	10
polar white velvety		67 1009 60 89	10
anthracite velvety, lacquered		67 1009 60 86	10
aluminium velvety, lacquered		67 1009 60 84	10



Blind plug with centre plate, screw-on



Design	Suitable for	Order no.	Page
	– for customised cut-outs or holes when installing special solutions		
	– space-saving for relays, etc.		
	– on supporting plate with large cut-out		
	– with cover plug for screw fitting		
	– without spreader claws		
	optional		
	Sealing set for socket outlets/centre plates	1010 72 00	267
	Order no.		PU
		1009 60 72	20
		1009 60 79	20
		1009 60 76	20
		1009 60 74	20



Centre plate for cable outlet

Design	Suitable for	Order no.	Page
white velvety	Cable outlet with low installation depth	4468	130
polar white velvety	Cable outlet	4470	130
anthracite velvety, lacquered			
aluminium velvety, lacquered			
	Order no.		PU
		1019 60 82	10
		1019 60 89	10
		1019 60 86	10
		1019 60 84	10

Sealings IP44



Sealing set for socket outlets/centre plates

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 235
Socket outlets with earthing pin and hinged cover		page 244
Centre plates for rotary dimmers		page 254
Centre plates for rotary switches for blinds		page 255
Centre plates for air conditioner/fan controllers		page 258
Centre plate for pilot lamp E14		page 266
Blind plug with centre plate		page 266
Frames		page 282

Design	Order no.	PU
transparent	1010 72 00	1



Sealing set for switches/push-buttons

– with IP44 fixing piece to screw on

Suitable for	Order no.	Page
Rockers		page 247
Rockers for multi-pole rocker switches		page 250
Rockers - accessible construction		page 269
Rocker with imprinted arrows symbol		page 254
Rocker with imprint "Heizung"		page 257
Frames		page 282

Design	Order no.	PU
transparent	1010 71 00	1



Sealing set for key switches/key push-buttons

Suitable for	Order no.	Page
Centre plates for key switches/key push-buttons		page 251
Centre plates for key switches/key push-buttons for blinds		page 255
Frames		page 290

Design	Order no.	PU
transparent	1010 70 00	1

Hotel applications



Relay switch with centre plate for hotel card

▶ 881

Rated voltage	230 V~ +10/-15 %	– with potentiometer for incremental adjustment of delay time
Frequency	50/60 Hz	– illuminated with blue LED if hotel card is not inserted
Switching current	10 A	– with potential-free contact
Delay time incrementally adjustable	0, 15, 30, 60 s	
Power consumption	< 0.2 W	
230 V incandescent lamps and halogen lamps	1500 W	
Conventional transformers	1500 VA	
Electronic transformers	1500 W	
Fluorescent lamps:		
- in Duo circuit	1500 W	
Compact fluorescent lamps	500 W	
Card width	max. 55 mm	
Card thickness	0.8 ... 1.2 mm	

Not suitable for installation in surface-mounted housing.

Design	Order no.	PU
white velvety	1640 60 92	1
polar white velvety	1640 60 99	1
anthracite velvety, lacquered	1640 60 96	1
aluminium velvety lacquered	1640 60 94	1

Centre plates for hotel card switches



Centre plate with imprint for push-button for hotel card

- red lens



Suitable for
Push-button for hotel card

Order no.

Page
page 64

Card width max. 54 mm

Card thickness 0.5 ... 1.4 mm

Other imprint on request!

Design	Order no.	PU
white velvety	1640 60 82	10
polar white velvety	1640 60 89	10
anthracite velvety, lacquered	1640 60 86	10
aluminium velvety lacquered	1640 60 84	10

Signalisation of hotel room status



LED signal light, red/green lighting

▶ 875

Rated voltage 230 V~ – for signalling of e.g. access control
 Frequency 50/60 Hz – switchable between red and green via separate switches
 Power consumption at 230 V~, 50 Hz - per colour max. 0.5 W – two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied
 Quantity LED lamps 4

Ambient temperature -5 ... +40 °C

Conductor cross-section 2.5 mm²

Suitable for optional
Foil bi-colour for LED signal light

Order no.

Page
page 65

For installation in standard wall boxes according to DIN 49073-1

Design	Order no.	PU
white velvety	2952 60 82	1
polar white velvety	2952 60 89	1
anthracite velvety lacquered	2952 60 86	1
aluminium velvety, lacquered	2952 60 84	1



Accessible construction



The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

SCHUKO socket outlets



SCHUKO socket outlet with hinged cover for barrier-free construction

▶ 895

- tactile symbol
- enhanced contact protection
- installation position variable in 45° steps
- with self-closing hinged covers
- with plug-in terminals



Rated voltage 250 V~

Rated current 16 A

Specially suited for combining several socket outlets if right angle plugs are used.

Connection terminals according to IEC 60884-1

Design	Order no.	PU
white velvety	4744 60 42	10
polar white velvety	4744 60 49	10



Rockers - accessible construction

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

 **Rocker for barrier-free construction**



- guide for mouth rod
- lens



Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	267

Design	Order no.	PU
white velvety	1661 60 42	10
polar white velvety	1661 60 49	10

 **Rocker for barrier-free construction**



- tactile light symbol
- orange lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	267

Design	Order no.	PU
white velvety	1651 60 42	10
polar white velvety	1651 60 49	10

 **Rocker for barrier-free construction**



- tactile bell symbol
- orange lens



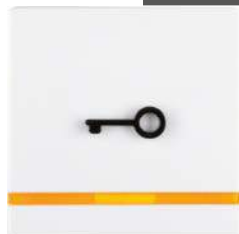
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

– for illumination and monitoring circuit
– for illuminated rocker push-buttons

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	267

Design	Order no.	PU
white velvety	1651 60 52	10
polar white velvety	1651 60 59	10

 **Rocker for barrier-free construction**



- tactile symbol for door opener
- orange lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

– for illumination and monitoring circuit
– for illuminated rocker push-buttons

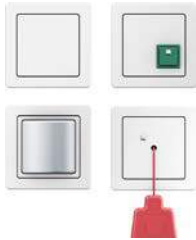
Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	267

Design	Order no.	PU
white velvety	1651 60 62	10
polar white velvety	1651 60 69	10

Hospital installation

Emergency system

– for installation in standard wall boxes according to DIN 49073-1



Emergency call set with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

Set consisting of:
- Pullcord push-button with frame, order no. 5202..
- Pilot lamp with frame, order no. 5203..
- Shut-off push-button with frame, order no. 5201..
- Power supply with frame, order no. 5204..

For installation in standard wall boxes according to DIN 49073-1

The emergency call set is used to call for help in public or disabled WCs, doctors' surgeries and old people's homes. It corresponds to the safety requirements according to DIN VDE 0834

- acoustic and visual signalling of an emergency call using pilot lamp after the pullcord push-button has been actuated
- switch-off of emergency call using shut-off push-button at emergency location
- power supply via power supply unit with 24 V DC
- centre plates for plug-in fixing
- with screw terminals
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- monitoring of devices triggering calls for wire break

Suitable for optional	Order no.	Page
Call button with frame	5206 60 8 ..	270
Cancellation/presence button with frame	5205 60 8 ..	270
Pullcord push-button with frame	5202 60 8 ..	271
Switch-off push-button with frame	5201 60 8 ..	271
Light signal with frame	5203 60 8 ..	271
Mains adapter with frame	5204 60 8 ..	272

Design Order no. PU

Berker Q.1

white velvety	5200 60 82	1
polar white velvety	5200 60 89	1

Berker Q.3

polar white velvety	5200 60 99	1
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Call button with frame

- screw terminals



Operating voltage 24 V=
Operating temperature -5 ... +40 °C

Additional call push-button to, for example, provide a control section in a second room or an additional location to trigger an emergency call.

For installation in standard wall boxes according to DIN 49073-1

- with quiet lamp
- with red call button with lens
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 60 8 ..	270

Design Order no. PU

Berker Q.1

white velvety	5206 60 82	1
polar white velvety	5206 60 89	1

Berker Q.3

polar white velvety	5206 60 99	1
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Cancellation/presence button with frame

- screw terminals



Operating voltage 24 V=
Cable length to light signal max. 500 m
Operating temperature -5 ... +40 °C

Office unit, in order to, for example, indicate an emergency call in an office or a headquarters.

For installation in standard wall boxes according to DIN 49073-1

- with yellow shut-off button
- with green presence button
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals
- with visual and acoustic alarm encoder

Suitable for	Order no.	Page
Emergency call set with frame	5200 60 8 ..	270

Design Order no. PU

Berker Q.1

white velvety	5205 60 82	1
polar white velvety	5205 60 89	1

Berker Q.3

polar white velvety	5205 60 99	1
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Pullcord push-button with frame

- screw terminals



Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

- with quiet lamp
- centre plate for plug-in fixing
- for wall and ceiling mounting
- with screw terminals
- with pullcord and knob

To trigger an emergency call in emergency situations.
For installation in standard wall boxes according to DIN 49073-1

Suitable for	Order no.	Page
Emergency call set with frame	5200 60 8 ..	270

Design	Order no.	PU
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Berker Q.1

white velvety	5202 60 82	1
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polar white velvety	5202 60 89	1
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Berker Q.3

polar white velvety	5202 60 99	1
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Switch-off push-button with frame

- screw terminals



Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

- with green shut-off button
- centre plate for plug-in fixing
- with screw terminals

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.

For installation in standard wall boxes according to DIN 49073-1

Suitable for	Order no.	Page
Emergency call set with frame	5200 60 8 ..	270

Design	Order no.	PU
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Berker Q.1

white velvety	5201 60 82	1
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polar white velvety	5201 60 89	1
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Berker Q.3

polar white velvety	5201 60 99	1
---------------------	-------------------	---

Light signal with frame

- screw terminals



Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

- centre plate for plug-in fixing
- call tone received on voltage failure and return
- with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
- with screw terminals
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with 4 red LEDs

For visual and acoustic alarms in emergency situations.
Caution:
Always install the device in a clearly visible location.
Recommendation: Use deep wall box.
For installation in standard wall boxes according to DIN 49073-1

Suitable for	Order no.	Page
Emergency call set with frame	5200 60 8 ..	270

Design	Order no.	PU
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Berker Q.1

white velvety	5203 60 82	1
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polar white velvety	5203 60 89	1
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Berker Q.3

polar white velvety	5203 60 99	1
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Centre plate with plug-in opening for nurse call systems

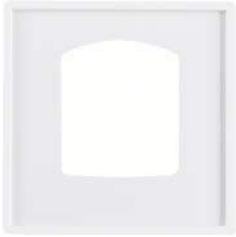
For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

Design
polar white velvety

– centre plate for plug-in fixing

Manufacturer product line
Nurse call systems
Ackermann: clino opt 99

Order no. PU
1298 60 89 10



Centre plate for dropping plug-and-socket connector

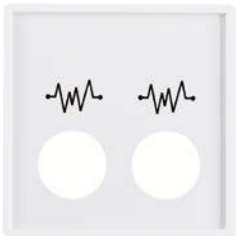
For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

Design
polar white velvety

– centre plate for plug-in fixing
– a-coded for dropping plug-and-socket connector

Manufacturer product line
Nurse call systems
Ackermann: clino opt 99

Order no. PU
1305 60 89 10



Centre plate with 2 plug-in openings and imprint, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

Design
polar white velvety

– centre plate for plug-in fixing

Manufacturer product line
Nurse call systems
Ackermann: clino opt 99

Order no. PU
1244 60 89 10



Centre plate with plug-in opening, red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

Design
polar white velvety

– for call module with call push-button and monitored auxiliary plug-in contact
– for call push-button with plug-in contact
– button with lens and imprint
– centre plate for plug-in fixing

Manufacturer product line
Nurse call systems
Ackermann: clino opt 99

Order no. PU
1217 60 89 10



Centre plate with 2 plug-in openings, imprint and red button at top






For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

Design
polar white velvety

– for call module with call push-button and plug-in contacts
– for call push-button with diagnostic and auxiliary plug-in contact
– button with lens and imprint
– centre plate for plug-in fixing

Manufacturer product line
Nurse call systems
Ackermann: clino opt 99

Order no. PU
1218 60 89 10

	<p>Centre plate with red button at top</p> <p>For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.</p>	<ul style="list-style-type: none"> – for call module with call push-button – button with lens and imprint – centre plate for plug-in fixing 	<p>Manufacturer product line Nurse call systems Ackermann: clino opt 99</p> <p>Art. no. 73071F 73071F2 73073F</p>
<p>Design polar white velvety</p>	<p>Order no. 1216 60 89</p>	<p>PU 10</p>	
	<p>Centre plate with red button at bottom</p> <p>For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.</p>	<ul style="list-style-type: none"> – for call push-button – button with lens and imprint – centre plate for plug-in fixing 	<p>Manufacturer product line Nurse call systems Ackermann: clino opt 99</p> <p>Art. no. 73022A 73022A2</p>
<p>Design polar white velvety</p>	<p>Order no. 1219 60 89</p>	<p>PU 10</p>	
	<p>Centre plate with green button</p> <p>For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.</p>	<ul style="list-style-type: none"> – for shut-off push-button – button with lens – centre plate for plug-in fixing 	<p>Manufacturer product line Nurse call systems Ackermann: clino opt 99</p> <p>Art. no. 73642C</p>
<p>Design polar white velvety</p>	<p>Order no. 1251 60 89</p>	<p>PU 10</p>	
	<p>Centre plate with yellow button</p> <p>For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.</p>	<ul style="list-style-type: none"> – for shut-off push-button – button with lens – centre plate for plug-in fixing 	<p>Manufacturer product line Nurse call systems Ackermann: clino opt 99</p> <p>Art. no. 73642D</p>
<p>Design polar white velvety</p>	<p>Order no. 1252 60 89</p>	<p>PU 10</p>	
	<p>Centre plate with blue button and imprint</p> <p>For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.</p>	<ul style="list-style-type: none"> – for call push-button – button with lens – centre plate for plug-in fixing 	<p>Manufacturer product line Nurse call systems Ackermann: clino opt 99</p> <p>Art. no. 73022A 73022A2</p>
<p>Design polar white velvety</p>	<p>Order no. 1223 60 89</p>	<p>PU 10</p>	



Centre plate with white button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- button with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73640J
	73640J2

Design	Order no.	PU
polar white velvety	1308 60 89	10



Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73642B2

Design	Order no.	PU
polar white velvety	1249 60 89	10



Centre plate with yellow + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73642E

Design	Order no.	PU
polar white velvety	1253 60 89	10



Centre plate with white + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- buttons with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73642B

Design	Order no.	PU
polar white velvety	1299 60 89	10



Centre plate for pneumatic call switch

- lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70006A
	70006B
clino opt 99	70006C

Design	Order no.	PU
polar white velvety	1236 60 89	10



Centre plate for pullcord push-button

- lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

Design
polar white velvety

- centre plate for plug-in fixing

Manufacturer product line
Nurse call systems
Ackermann: clino opt 90, 99 / clino phon 95

Art. no.
70045A3
70046A3
70046A

Order no. **1233 60 89** PU **10**



Centre plate with imprinted symbol curve for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

Design
polar white velvety

- centre plate for plug-in fixing
- for earpiece and volume control

Manufacturer product line
Nurse call systems
Ackermann: clino opt 90, 99 / clino phon 95

Art. no.
73120C
73120H

Order no. **1300 60 89** PU **10**



Centre plate with imprint "0 - 1 - 2 - 3 - 4 - 5" for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

Design
polar white velvety

- centre plate for plug-in fixing

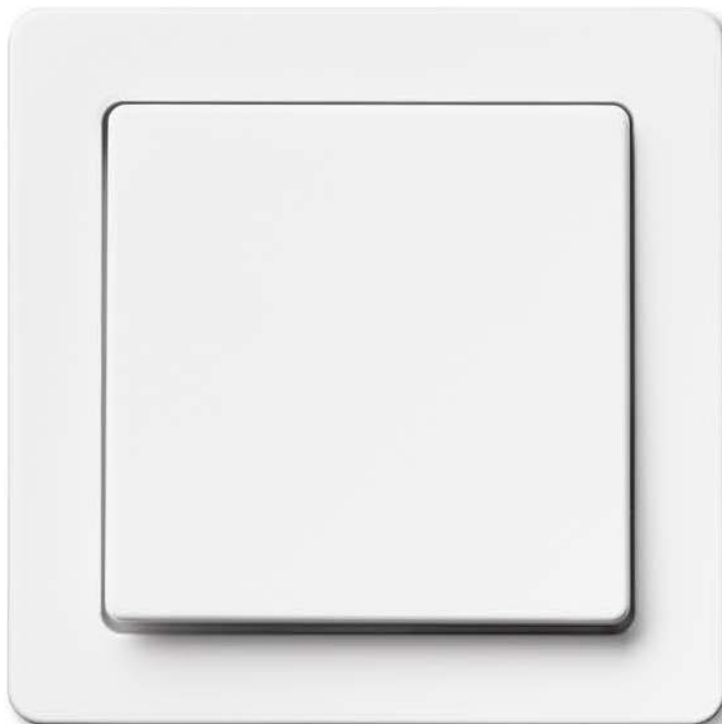
Manufacturer product line
Nurse call systems
Ackermann: clino opt 90, 99 / clino phon 95

Art. no.
73120A

Order no. **1301 60 89** PU **10**

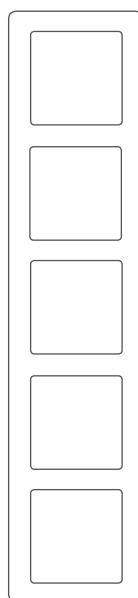
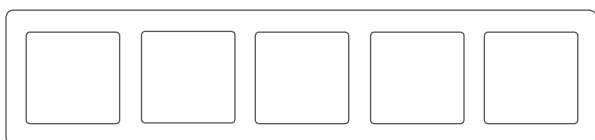
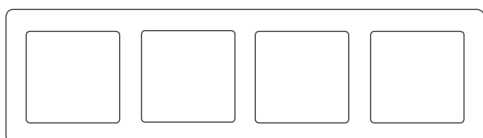
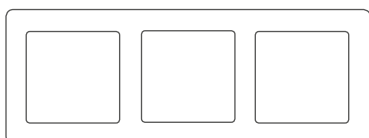
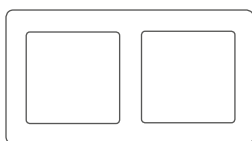
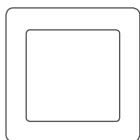
Berker Q.1 Frames

The frame makes all the difference. Q.1 and Q.3 are sister product ranges and the selection of centre plates is identical for both. However, they differ in terms of design and the visual look and feel of the frames. But with its rounded corners, Q.1 presents a gentler look and feel. – available in polar white, anthracite and red. With surface-mounted frames in same colours, flush-mounted devices can be used for surface-mounted installation - on request with self-extinguishing base plate.



Berker Q.1

Product examples



Dimensions

Frame 1gang
B 80.5 mm x H 80.5 mm, 1gang

Frames 2-5gang, horizontal
W 151.5 x H 80.5 mm, 2gang
W 222.5 x H 80.5 mm, 3gang
W 293.5 x H 80.5 mm, 4gang
W 364.5 x H 80.5 mm, 5gang

Frames 2-5gang, vertical
H 151.5 x W 80.5 mm, 2gang
H 222.5 x W 80.5 mm, 3gang
H 293.5 x W 80.5 mm, 4gang
H 364.5 x B 80.5 mm, 5gang





Frames

Plastic, silky

polar white	similar to RAL 9010*
anthracite, lacquered	similar to RAL 7021
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003

* Note:

Our rockers, which are manufactured from thermosetting plastic, except for printed and painted areas and lenses, have an anti-bacterial action as documented by Test Report 4207318-01 from the Fresenius Institute. This has been verified and confirmed using tests similar to ISO22196 and JIS-Z-2801. The test report is available on request.


Covers / Central inserts


Plastic, silky


polar white	similar to RAL 9010
anthracite, lacquered	similar to RAL 7021
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003





Frames

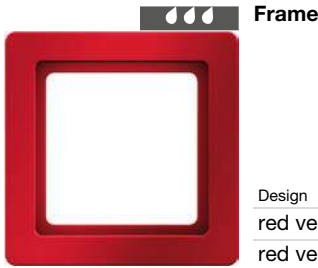
 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

	Frame	▶ 942
		– for vertical and horizontal mounting
		Suitable for optional Sealings IP44
		Order no.
		Page
		page 267
		PU
Design	Order no.	PU
white velvety, 1gang	1011 60 82	10
white velvety, 2gang	1012 60 82	10
white velvety, 3gang	1013 60 82	2
white velvety, 4gang	1014 60 82	2
white velvety, 5gang	1015 60 82	2

	Frame	▶ 942
		– for vertical and horizontal mounting
		Suitable for optional Sealings IP44
		Order no.
		Page
		page 267
		PU
Design	Order no.	PU
polar white velvety, 1gang	1011 60 89	10
polar white velvety, 2gang	1012 60 89	10
polar white velvety, 3gang	1013 60 89	2
polar white velvety, 4gang	1014 60 89	2
polar white velvety, 5gang	1015 60 89	2

	Frame	▶ 942
		– for vertical and horizontal mounting
		Suitable for optional Sealings IP44
		Order no.
		Page
		page 267
		PU
Design	Order no.	PU
anthracite velvety, lacquered, 1gang	1011 60 86	10
anthracite velvety, lacquered, 2gang	1012 60 86	10
anthracite velvety, lacquered, 3gang	1013 60 86	2
anthracite velvety, lacquered, 4gang	1014 60 86	2
anthracite velvety, lacquered, 5gang	1015 60 86	2

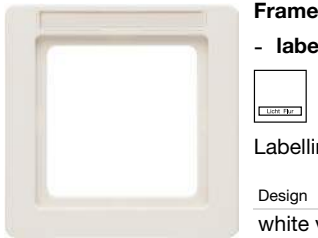
	Frame	▶ 942
		– for vertical and horizontal mounting
		Suitable for optional Sealings IP44
		Order no.
		Page
		page 267
		PU
Design	Order no.	PU
aluminium velvety, lacquered, 1gang	1011 60 84	10
aluminium velvety, lacquered, 2gang	1012 60 84	10
aluminium velvety, lacquered, 3gang	1013 60 84	2
aluminium velvety, lacquered, 4gang	1014 60 84	2
aluminium velvety, lacquered, 5gang	1015 60 84	2



Frame

- for emphasising special switches, socket outlets, etc.
- for vertical and horizontal mounting

Design	Order no.	Page
red velvety, 1gang	1011 60 62	10
red velvety, 2gang	1012 60 62	10
red velvety, 3gang	1013 60 62	2
red velvety, 4gang	1014 60 62	2
red velvety, 5gang	1015 60 62	2



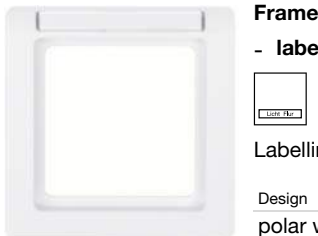
Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white velvety, 1gang	1011 60 12	10
white velvety, 2gang vertical	1012 60 12	10
white velvety, 3gang vertical	1013 60 12	10
white velvety, 4gang vertical	1014 60 12	2
white velvety, 5gang vertical	1015 60 12	2
white velvety, 2gang horizontal	1022 60 12	10
white velvety, 3gang horizontal	1023 60 12	10
white velvety, 4gang horizontal	1024 60 12	2
white velvety, 5gang horizontal	1025 60 12	2



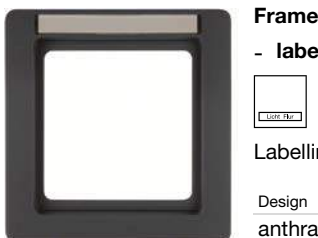
Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white velvety, 1gang	1011 60 19	10
polar white velvety, 2gang vertical	1012 60 19	10
polar white velvety, 3gang vertical	1013 60 19	10
polar white velvety, 4gang vertical	1014 60 19	2
polar white velvety, 5gang vertical	1015 60 19	2
polar white velvety, 2gang horizontal	1022 60 19	10
polar white velvety, 3gang horizontal	1023 60 19	10
polar white velvety, 4gang horizontal	1024 60 19	2
polar white velvety, 5gang horizontal	1025 60 19	2



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
anthracite velvety, lacquered, 1gang	1011 60 16	10
anthracite velvety, lacquered, 2gang vertical	1012 60 16	10
anthracite velvety, lacquered, 3gang vertical	1013 60 16	10
anthracite velvety, lacquered, 4gang vertical	1014 60 16	2
anthracite velvety, lacquered, 5gang vertical	1015 60 16	2
anthracite velvety, lacquered, 2gang horizontal	1022 60 16	10
anthracite velvety, lacquered, 3gang horizontal	1023 60 16	10
anthracite velvety, lacquered, 4gang horizontal	1024 60 16	2
anthracite velvety, lacquered, 5gang horizontal	1025 60 16	2



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
aluminium velvety, lacquered, 1gang	1011 60 14	10
aluminium velvety, lacquered, 2gang vertical	1012 60 14	10
aluminium velvety, lacquered, 3gang vertical	1013 60 14	10
aluminium velvety, lacquered, 4gang vertical	1014 60 14	2
aluminium velvety, lacquered, 5gang vertical	1015 60 14	2
aluminium velvety, lacquered, 2gang horizontal	1022 60 14	10
aluminium velvety, lacquered, 3gang horizontal	1023 60 14	10
aluminium velvety, lacquered, 4gang horizontal	1024 60 14	2
aluminium velvety, lacquered, 5gang horizontal	1025 60 14	2



Frame colour configured



You can configure these products individually with coloured strips under konfigurator.berker.de online. A variety of colour shades are available for this purpose.

Please order these products using the order number listed here along with the required 4-digit RAL order number in the usual way from your electrical wholesaler.

- with lateral colour strips that can be configured individually - available in more than 200 RAL hues
- for vertical and horizontal mounting

Suitable for optional Sealings IP44 **Order no.** **Page** page 267

Design	Order no.	PU
polar white velvety, 1gang colour-configured	10116089C	1
polar white velvety, 2gang colour-configured	10126089C	1
polar white velvety, 3gang colour-configured	10136089C	1
polar white velvety, 4gang colour-configured	10146089C	1
polar white velvety, 5gang colour-configured	10156089C	1

Frames with large cut-out

- for vertical mounting
- not suitable for surface-mounted housing



Frame with large cut-out

▶ 942

Suitable for Push-button 3gang with thermostat 7566 37 22 786
Push-button 5gang with thermostat 7566 57 22 787

Design	Order no.	PU
white velvety	1309 60 82	10



Frame with large cut-out

▶ 942

Suitable for Push-button 3gang with thermostat 7566 37 29 786
Push-button 5gang with thermostat 7566 57 29 787

Design	Order no.	PU
polar white velvety	1309 60 89	10



Frame with large cut-out

▶ 942

Suitable for Push-button 3gang with thermostat 7566 37 26 786
Push-button 5gang with thermostat 7566 57 26 787

Design	Order no.	PU
anthracite velvety, lacquered	1309 60 86	10



Frame with large cut-out

▶ 942

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 24	786
Push-button 5gang with thermostat	7566 57 24	787

Design	Order no.	PU
aluminium velvety, lacquered	1309 60 84	10



Frame with large cut-out

You can configure these products individually with coloured strips under konfigurator.berker.de online. A variety of colour shades are available for this purpose.

Please order these products using the order number listed here along with the required 4-digit RAL order number in the usual way from your electrical wholesaler.

– with lateral colour strips that can be configured individually - available in more than 200 RAL hues

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 29	786
Push-button 5gang with thermostat	7566 57 29	787

Design	Order no.	PU
polar white velvety, colour-configured	13096089C	1

Berker Q.3 Frames

Entirely different from its sister product range: whereas Q.1 has softer contours, Q.3 focuses on clear edges. With the right-angled borders, its frames harmonise excellently with the architecture of modern buildings. What's more, they are ideally suited for installation in sill-type bunking ducts. The frames of the Q.3 range are available in polar white or anthracite, as well as 1gang to 5gang models, and are also available with a large cut-out. A selection of polar white frames is also available with a labelling field.



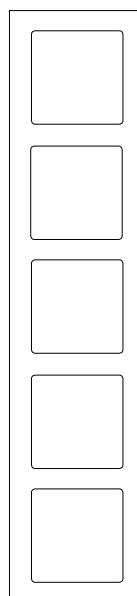
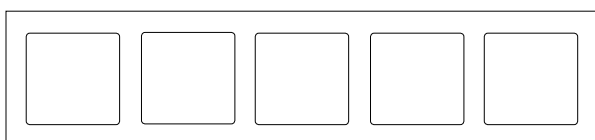
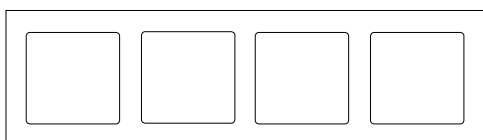
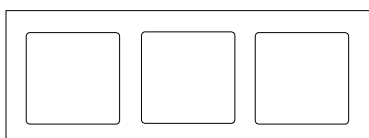
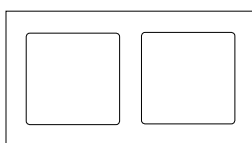
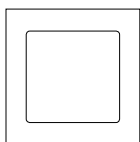
09

Page

Berker Q.3 Frames	290
Surface-mounted housing	293

Berker Q.3

Product examples



Dimensions

Frame 1gang

B 80.5 mm x H 80.5 mm, 1gang

Frames 2-5gang, horizontal

W 151.5 x H 80.5 mm, 2gang

W 222.5 x H 80.5 mm, 3gang

W 293.5 x H 80.5 mm, 4gang

W 364.5 x H 80.5 mm, 5gang

Frames 2-5gang, vertical

H 151.5 x W 80.5 mm, 2gang

H 222.5 x W 80.5 mm, 3gang

H 293.5 x W 80.5 mm, 4gang

H 364.5 x B 80.5 mm, 5gang





Frames

Plastic, silky

polar white	similar to RAL 9010*
anthracite, lacquered	similar to RAL 7021
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003

* Note:

Our rockers, which are manufactured from thermosetting plastic, except for printed and painted areas and lenses, have an anti-bacterial action as documented by Test Report 4207318-01 from the Fresenius Institute. This has been verified and confirmed using tests similar to ISO22196 and JIS-Z-2801. The test report is available on request.


Covers / Central inserts


Plastic, silky


polar white	similar to RAL 9010
anthracite, lacquered	similar to RAL 7021
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003





Frames

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

	Frame		▶ 942	
			– for vertical and horizontal mounting	
		Suitable for optional Sealings IP44	Order no.	Page
				page 267
	Design	Order no.		PU
	white velvety, 1gang	1011 60 92		10
	white velvety, 2gang	1012 60 92		2
white velvety, 3gang	1013 60 92		2	
white velvety, 4gang	1014 60 92		2	
white velvety, 5gang	1015 60 92		2	

	Frame		▶ 942	
			– for vertical and horizontal mounting	
		Suitable for optional Sealings IP44	Order no.	Page
				page 267
	Design	Order no.		PU
	polar white velvety, 1gang	1011 60 99		10
	polar white velvety, 2gang	1012 60 99		10
polar white velvety, 3gang	1013 60 99		2	
polar white velvety, 4gang	1014 60 99		2	
polar white velvety, 5gang	1015 60 99		2	

	Frame		▶ 942	
			– for vertical and horizontal mounting	
		Suitable for optional Sealings IP44	Order no.	Page
				page 267
	Design	Order no.		PU
	anthracite velvety, lacquered, 1gang	1011 60 96		10
	anthracite velvety, lacquered, 2gang	1012 60 96		10
anthracite velvety, lacquered, 3gang	1013 60 96		2	
anthracite velvety, lacquered, 4gang	1014 60 96		2	
anthracite velvety, lacquered, 5gang	1015 60 96		2	

	Frame		▶ 942	
			– for vertical and horizontal mounting	
		Suitable for optional Sealings IP44	Order no.	Page
				page 267
	Design	Order no.		PU
	aluminium velvety, lacquered, 1gang	1011 60 94		10
	aluminium velvety, lacquered, 2gang	1012 60 94		2
aluminium velvety, lacquered, 3gang	1013 60 94		2	
aluminium velvety, lacquered, 4gang	1014 60 94		2	
aluminium velvety, lacquered, 5gang	1015 60 94		2	



Frame

- labelling field

- also suitable for cable ducts



When the frame has been dismantled, the labelling field remains on the insert.

For inserts with order no. 4522, 4523, 4593, 4594, mounting of the labelling field on the supporting ring is not possible.

For this, the labelling field can be engaged in the recess of the frame.

Design	Order no.	PU
white velvety, 1gang	1051 60 92	10
white velvety, 2gang vertical	1052 60 92	10
white velvety, 3gang vertical	1053 60 92	10
white velvety, 2gang horizontal	1022 60 92	10
white velvety, 3gang horizontal	1023 60 92	10



Frame

- labelling field

- also suitable for cable ducts



When the frame has been dismantled, the labelling field remains on the insert.

For inserts with order no. 4522, 4523, 4593, 4594, mounting of the labelling field on the supporting ring is not possible.

For this, the labelling field can be engaged in the recess of the frame.

Design	Order no.	PU
polar white velvety, 1gang	1051 60 99	10
polar white velvety, 2gang vertical	1052 60 99	10
polar white velvety, 3gang vertical	1053 60 99	10
polar white velvety, 2gang horizontal	1022 60 99	10
polar white velvety, 3gang horizontal	1023 60 99	10



Frame

- labelling field

- also suitable for cable ducts



When the frame has been dismantled, the labelling field remains on the insert.

For inserts with order no. 4522, 4523, 4593, 4594, mounting of the labelling field on the supporting ring is not possible.

For this, the labelling field can be engaged in the recess of the frame.

Design	Order no.	PU
anthracite velvety, lacquered, 1gang	1051 60 86	10
anthracite velvety, lacquered, 2gang vertical	1052 60 86	10
anthracite velvety, lacquered, 3gang vertical	1053 60 86	10
anthracite velvety, lacquered, 2gang horizontal	1022 60 86	10
anthracite velvety, lacquered, 3gang horizontal	1023 60 86	10



Frame

- labelling field

- also suitable for cable ducts



When the frame has been dismantled, the labelling field remains on the insert.

For inserts with order no. 4522, 4523, 4593, 4594, mounting of the labelling field on the supporting ring is not possible.

For this, the labelling field can be engaged in the recess of the frame.

Design	Order no.	PU
aluminium velvety, lacquered	1051 60 94	10
aluminium velvety, lacquered, 2gang vertical	1052 60 94	10
aluminium velvety, lacquered, 3gang vertical	1053 60 94	10
aluminium velvety, lacquered, 2gang horizontal	1022 60 94	10
aluminium velvety, lacquered, 3gang horizontal	1023 60 94	10

Frames with large cut-out

- for vertical mounting
- not suitable for surface-mounted housing



Frame with large cut-out

▶ 942

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 22	786
Push-button 5gang with thermostat	7566 57 22	787

Design	Order no.	PU
white velvety	1309 60 92	2



Frame with large cut-out

▶ 942

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 29	786
Push-button 5gang with thermostat	7566 57 29	787

Design	Order no.	PU
polar white velvety	1309 60 99	2



Frame with large cut-out

▶ 942

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 26	786
Push-button 5gang with thermostat	7566 57 26	787

Design	Order no.	PU
anthracite velvety, lacquered	1309 60 96	2



Frame with large cut-out

▶ 942

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 24	786
Push-button 5gang with thermostat	7566 57 24	787

Design	Order no.	PU
aluminium velvety, lacquered	1309 60 94	2

Frames for surface-mounted installation

New



Frame surface-mounted

Installation depth 33.5 mm

Flush-mounted devices can be used with surface-mounted frames for surface-mounted installation.

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

- entry at top and bottom possible
- with cable and duct entry
- for vertical and horizontal mounting

Design	Order no.	PU
anthracite velvety, lacquered, 1gang	1029 60 86	10
anthracite velvety, lacquered, 2gang	1030 60 86	10
anthracite velvety, lacquered, 3gang	1031 60 86	5
aluminium velvety, lacquered, 1gang	★ 1029 60 84	10
aluminium velvety, lacquered, 2gang	★ 1030 60 84	5
aluminium velvety, lacquered, 3gang	★ 1031 60 84	5

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1021 12 ..	426
Wire and duct entry	1813 ..	676
Tube entry	1817 0 ..	528

Surface-mounted housing



Surface-mounted housing

Installation depth 37 mm

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

- entry at top and bottom possible
- with cable and duct entry
- for vertical and horizontal mounting
- for mounting on combustible base surface

Design	Order no.	PU
polar white, matt, plastic, 1gang	1041 99 09	10
polar white, matt, plastic, 2gang	1042 99 09	5
polar white, matt, plastic, 3gang	1043 99 09	5
anthracite matt, 1gang	1041 99 49	10
anthracite matt, 2gang	1042 99 49	5
anthracite matt, 3gang	1043 99 49	5
aluminium matt, 1gang	1041 99 39	10
aluminium matt, 2gang	1042 99 39	5
aluminium matt, 3gang	1043 99 39	5

Berker Q.7 Frames

The shape of the Berker Q.7 shows immediately that it belongs to the Q family. Above all, the dimensions and materials distinguish it from the Q.1 and Q.3: For instance, the frame measures 95 x 95 mm and compared to the centre piece is relatively large (58 x 58 mm). Exclusive surface materials such as slate, concrete, aluminium, stainless steel as well as black and polar white glass, in combination with the translucent carrier material, ensure that the colour of the background appears, for innovative visual accents. With over 250 variants, the Q.7 offers an outstanding depth of functionality.



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Page

Berker Q.7 Frames

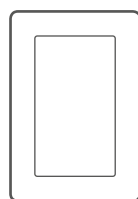
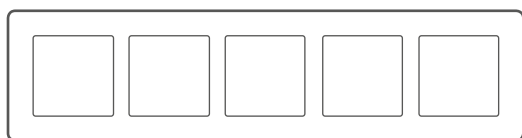
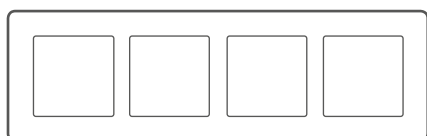
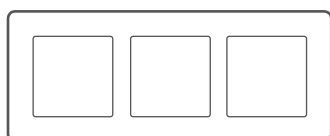
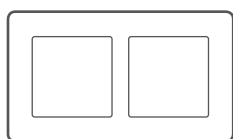
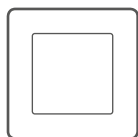
298

Illuminated frames

302

Berker Q.7

Product examples



Dimensions

Frame 1gang
W 95.2 mm x H 95.2 mm

Frame 2-5gang, horizontal
W 166.2 mm x H 95.2 mm, 2gang
W 237.2 mm x H 95.2 mm, 3gang
W 308.2 mm x H 95.2 mm, 4gang
W 379.2 mm x H 95.2 mm, 5gang

Frame 2-5gang, vertical
H 166.2 mm x W 95.2 mm, 2gang
H 237.5 mm x W 95.2 mm, 3gang
H 308.2 mm x W 95.2 mm, 4gang
H 379.2 mm x W 95.2 mm, 5gang

Frame 1-5gang, vertical
H 154.2 mm x W 95.2 mm
Frames for Q.1/Q.3/Q.7 KNX
Operating devices





Frames

Covers / Central inserts

Frames available in the materials:

Glass polar white	similar to RAL 9010
Glass black	similar to RAL 9005
Aluminium	anodised
Stainless steel	brushed
Slate	natural
Concrete	structured
Plastic polar white, velvety	similar to RAL 9010*
Plastic anthracite, velvety	similar to RAL 7021
Plastic aluminium, velvety	similar to RAL 9006

Covers / central inserts

available in plastic, velvety:

polar white	similar to RAL 9010
anthracite,	
lacquered	similar to RAL 7021
aluminium,	
lacquered	similar to RAL 9006
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003

* Note:

Our rockers, which are manufactured from thermosetting plastic, except for printed and painted areas and lenses, have an anti-bacterial action as documented by Test Report 4207318-01 from the Fresenius Institute. This has been verified and confirmed using tests similar to ISO22196 and JIS-Z-2801. The test report is available on request.



Frames



Frame

– for vertical and horizontal mounting

▶ 942

Design	Order no.	PU
white velvety, lacquered, 1gang	1011 61 82	10
white velvety, lacquered, 2gang	1012 61 82	5
white velvety, lacquered, 3gang	1013 61 82	5
white velvety, lacquered, 4gang	1014 61 82	1
white velvety, lacquered, 5gang	1015 61 82	1



Frame

– for vertical and horizontal mounting

▶ 942

Design	Order no.	PU
polar white velvety, lacquered, 1gang	1011 61 89	10
polar white velvety, lacquered, 2gang	1012 61 89	5
polar white velvety, lacquered, 3gang	1013 61 89	5
polar white velvety, lacquered, 4gang	1014 61 89	1
polar white velvety, lacquered, 5gang	1015 61 89	1

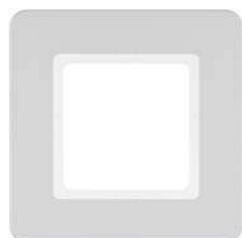


Frame

– for vertical and horizontal mounting

▶ 942

Design	Order no.	PU
anthracite velvety, lacquered, 1gang	1011 61 86	10
anthracite velvety, lacquered, 2gang	1012 61 86	5
anthracite velvety, lacquered, 3gang	1013 61 86	5
anthracite velvety, lacquered, 4gang	1014 61 86	1
anthracite velvety, lacquered, 5gang	1015 61 86	1



Frame

– for vertical and horizontal mounting

▶ 942

Design	Order no.	PU
aluminium velvety, lacquered, 1gang	1011 61 84	10
aluminium velvety, lacquered, 2gang	1012 61 84	5
aluminium velvety, lacquered, 3gang	1013 61 84	5
aluminium velvety, lacquered, 4gang	1014 61 84	1
aluminium velvety, lacquered, 5gang	1015 61 84	1



Frame

– for vertical and horizontal mounting

▶ 942

Design	Order no.	PU
aluminium, aluminium blasted, 1gang	1011 60 74	1
aluminium, aluminium blasted, 2gang	1012 60 74	1
aluminium, aluminium blasted, 3gang	1013 60 74	1
aluminium, aluminium blasted, 4gang	1014 60 74	1
aluminium, aluminium blasted, 5gang	1015 60 74	1



Frame

– for vertical and horizontal mounting

▶ 942

Design	Order no.	PU
stainless steel, metal brushed, 1gang	1011 60 83	1
stainless steel, metal brushed, 2gang vertical	1012 60 83	1
stainless steel, metal brushed, 3gang vertical	1013 60 83	1
stainless steel, metal brushed, 4gang vertical	1014 60 83	1
stainless steel, metal brushed, 5gang vertical	1015 60 83	1
stainless steel, metal brushed, 2gang horizontal	1022 60 83	1
stainless steel, metal brushed, 3gang horizontal	1023 60 83	1
stainless steel, metal brushed, 4gang horizontal	1024 60 83	1
stainless steel, metal brushed, 5gang horizontal	1025 60 83	1



Frame

– for vertical and horizontal mounting

▶ 942

Design	Order no.	PU
glass polar white, 1gang	1011 60 79	1
glass polar white, 2gang	1012 60 79	1
glass polar white, 3gang	1013 60 79	1
glass polar white, 4gang	1014 60 79	1
glass polar white, 5gang	1015 60 79	1



Frame

– for vertical and horizontal mounting

▶ 942

Design	Order no.	PU
glass black, 1gang	1011 60 76	1
glass black, 2gang	1012 60 76	1
glass black, 3gang	1013 60 76	1
glass black, 4gang	1014 60 76	1
glass black, 5gang	1015 60 76	1

Frames made from special materials



Frame

– for vertical and horizontal mounting

▶ 942

Design	Order no.	PU
anthracite, natural slate, 1gang	1011 60 30	1
anthracite, natural slate, 2gang	1012 60 30	1
anthracite, natural slate, 3gang	1013 60 30	1



Frame

– for vertical and horizontal mounting

▶ 942

Design	Order no.	PU
grey, concrete structured, 1gang	1011 60 20	1
grey, concrete structured, 2gang	1012 60 20	1
grey, concrete structured, 3gang	1013 60 20	1

Frames with large cut-out

- for vertical mounting
- not suitable for surface-mounted housing



Frame with large cut-out

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 22	786
Push-button 5gang with thermostat	7566 57 22	787

▶ 942

Design	Order no.	PU
white velvety, lacquered	1309 61 82	1


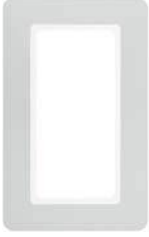






Frame with large cut-out

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 29	786
Push-button 5gang with thermostat	7566 57 29	787

▶ 942

Design	Order no.	PU
polar white velvety, lacquered	1309 61 89	1

	Frame with large cut-out			▶ 942
		Suitable for Push-button 3gang with thermostat Push-button 5gang with thermostat	Order no. 7566 37 26 7566 57 26	Page 786 787
Design	anthracite velvety, lacquered	Order no.		PU 1
	Frame with large cut-out			▶ 942
		Suitable for Push-button 3gang with thermostat Push-button 5gang with thermostat	Order no. 7566 37 24 7566 57 24	Page 786 787
Design	aluminium velvety, lacquered	Order no.		PU 1
	Frame with large cut-out			▶ 942
		Suitable for Push-button 3gang with thermostat Push-button 5gang with thermostat	Order no. 7566 37 2 .. 7566 57 2 ..	Page 786 787
Design	alu, aluminium blasted	Order no.		PU 1
	Frame with large cut-out			▶ 942
		Suitable for Push-button 3gang with thermostat Push-button 5gang with thermostat	Order no. 7566 37 2 .. 7566 57 2 ..	Page 786 787
Design	stainless steel, metal brushed	Order no.		PU 1
	Frame with large cut-out			▶ 942
		Suitable for Push-button 3gang with thermostat Push-button 5gang with thermostat	Order no. 7566 37 2 .. 7566 57 2 ..	Page 786 787
Design	glass polar white	Order no.		PU 1
	Frame with large cut-out			▶ 942
		Suitable for Push-button 3gang with thermostat Push-button 5gang with thermostat	Order no. 7566 37 2 .. 7566 57 2 ..	Page 786 787
Design	glass black	Order no.		PU 1

Frame with large cut-out made from special materials

- for vertical mounting
- not suitable for surface-mounted housing



Frame with large cut-out

▶ 942

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 2 ..	786
Push-button 5gang with thermostat	7566 57 2 ..	787

Design	Order no.	PU
anthracite, natural slate	1309 60 30	1



Frame with large cut-out

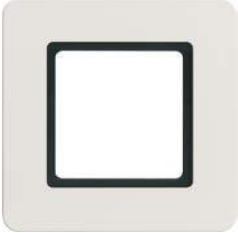




▶ 942

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 2 ..	786
Push-button 5gang with thermostat	7566 57 2 ..	787


Design	Order no.	PU
grey, concrete structured	1309 60 20	1

Illuminated frames

– for vertical and horizontal mounting

New	Frame 1gang for lighting	– for lighting with LED module	▶ 942
	Design white velvety, lacquered	Suitable for LED module for corona lighting LED module for downlight lighting	Order no. 1680 50 1680 55 Page 304 304
		Order no. ★ 1011 61 02	PU 1
New	Frame 1gang for lighting	– for lighting with LED module	▶ 942
	Design polar white velvety, lacquered	Suitable for LED module for corona lighting LED module for downlight lighting	Order no. 1680 50 1680 55 Page 304 304
		Order no. ★ 1011 61 09	PU 1
New	Frame 1gang for lighting	– for lighting with LED module	▶ 942
	Design anthracite velvety, lacquered	Suitable for LED module for corona lighting LED module for downlight lighting	Order no. 1680 50 1680 55 Page 304 304
		Order no. ★ 1011 61 06	PU 1
New	Frame 1gang for lighting	– for lighting with LED module	▶ 942
	Design aluminium velvety, lacquered	Suitable for LED module for corona lighting LED module for downlight lighting	Order no. 1680 50 1680 55 Page 304 304
		Order no. ★ 1011 61 04	PU 1
New	Frame 1gang for lighting	– for lighting with LED module	▶ 942
	Design aluminium, aluminium blasted	Suitable for LED module for corona lighting LED module for downlight lighting	Order no. 1680 50 1680 55 Page 304 304
		Order no. ★ 1011 61 74	PU 1

New **Frame 1gang for lighting** ▶ 942




– for lighting with LED module

Suitable for	Order no.	Page
LED module for corona lighting	1680 50	304
LED module for downlight lighting	1680 55	304

Design Order no. PU

stainless steel, metal brushed **★ 1011 61 83** 1

New **Frame 1gang for lighting** ▶ 942




– for lighting with LED module

Suitable for	Order no.	Page
LED module for corona lighting	1680 50	304
LED module for downlight lighting	1680 55	304

Design Order no. PU

glass polar white **★ 1011 61 79** 1

New **Frame 1gang for lighting** ▶ 942



– for lighting with LED module


Suitable for	Order no.	Page
LED module for corona lighting	1680 50	304
LED module for downlight lighting	1680 55	304

Design Order no. PU

glass black **★ 1011 61 76** 1

Frames made from special materials

New **Frame 1gang for lighting** ▶ 942




– for lighting with LED module

Suitable for	Order no.	Page
LED module for corona lighting	1680 50	304
LED module for downlight lighting	1680 55	304

Design Order no. PU

anthracite, natural slate **★ 1011 61 30** 1

New **Frame 1gang for lighting** ▶ 942



– for lighting with LED module

Suitable for	Order no.	Page
LED module for corona lighting	1680 50	304
LED module for downlight lighting	1680 55	304

Design Order no. PU

grey, concrete structured **★ 1011 61 20** 1

LED modules

– the LED modules of Berker Q.7 listed below can be combined exclusively with 1gang frames for lighting, order no. 1011 61..



New

LED module for corona lighting

Operating voltage	230 V AC +/-10%	– for illumination and monitoring circuit
Frequency	50 Hz	– brightness can be adjusted in 2 steps in via slide switch
Rated current	3.5 ... 5 +/- 0.5 mA	– for connection to a 230 V AC module insert
Light colour	2750 ... 3250 K	– with Wago terminal for wiring
Service life of the LED	≈ 30000 h	– through-wiring possible, therefore also ideal for retro-fitting
Operating temperature	+0 ... +40 °C	
Line length	≈ 6 cm	
Light colour	2750 K	

Recommendation: use deep box.

Neutral conductor necessary!

Design	Order no.	Page
transparent	★ 1680 50	302



New

LED module for downlight lighting

Operating voltage	230 V AC +/-10%	– brightness can be adjusted in 2 steps in via slide switch
Frequency	50 Hz	– integrated brightness sensor that switches the Downlight on at twilight and off when there is sufficient ambient brightness
Rated current	1.5 ... 6 +/- 0.5 mA	– for connection to a 230 V AC module insert
Light colour	2750 ... 3250 K	– with Wago terminal for wiring
Service life of the LED	≈ 30000 h	– through-wiring possible, therefore also ideal for retro-fitting
Operating temperature	+0 ... +40 °C	
Line length	≈ 6 cm	
Light colour	2750 K	

Recommendation: use deep box.

Neutral conductor necessary!

Design	Order no.	Page
transparent	★ 1680 55	302

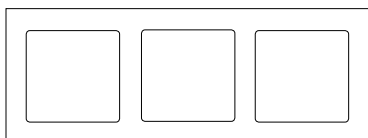
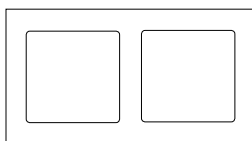
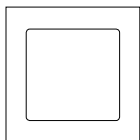
Berker Q.9

The Berker Q.9 caters to our numerous customers who want to use the same design on their trunking as they do on their walls, as it matches the wall-mounted berker Q.3. To complement the look, it has been designed to be extra flat for installation in the tehalit dado trunking (80 mm wide). It can be used to cover all tehalit trunking sockets (2x and 3x) and Berker standard inserts (1x to 3x).



Berker Q.9

Product examples



Dimensions

Frame 1gang
W 80.5 mm x H 80.5 mm

Frame 2-3gang, horizontal
W 151.2 mm x H 80.5 mm, 2gang
W 222.2 mm x H 80.5 mm, 3gang





Frames

Plastic, velvety

polar white similar RAL 9010
anthracite, lacquered similar RAL 7021
aluminium, lacquered similar RAL 9006

Covers / Central inserts

Plastic, velvety

polar white similar RAL 9010
anthracite, lacquered similar RAL 7021
aluminium, lacquered similar RAL 9006



Frames

New



Frame

- labelling field



Dimensions (W x H x D)	80.5 x 80.5 x 9.7 mm
Assembling height	4.4 mm
Labelling field (W x H)	≈ 58.5 x 6.7 mm

Only suitable for fitting in sill-type bunking systems and columns or pedestals with 80 mm cover width.

Available from September 2018!

Design	Order no.	PU
polar white velvety, 1gang	★ 1011 61 99	10
polar white velvety, 2gang horizontal	★ 1012 63 99	10
polar white velvety, 3gang horizontal	★ 1013 63 99	10

New



Frame

- labelling field



Dimensions (W x H x D)	80.5 x 80.5 x 9.7 mm
Assembling height	4.4 mm
Labelling field (W x H)	≈ 58.5 x 6.7 mm

Only suitable for fitting in sill-type bunking systems and columns or pedestals with 80 mm cover width.

Available from September 2018!

Design	Order no.	PU
anthracite velvety, lacquered, 1gang	★ 1011 61 96	10
anthracite velvety, lacquered, 2gang horizontal	★ 1012 63 96	10
anthracite velvety, lacquered, 3gang horizontal	★ 1013 63 96	10

New



Frame

- labelling field



Dimensions (W x H x D)	80.5 x 80.5 x 9.7 mm
Assembling height	4.4 mm
Labelling field (W x H)	≈ 58.5 x 6.7 mm

Only suitable for fitting in sill-type bunking systems and columns or pedestals with 80 mm cover width.

Available from September 2018!

Design	Order no.	PU
aluminium velvety, lacquered, 1gang	★ 1011 61 94	10
aluminium velvety, lacquered, 2gang horizontal	★ 1012 63 94	10
aluminium velvety, lacquered, 3gang horizontal	★ 1013 63 94	10

Berker K.1 | K.5 Inserts

Berker K.1 and its sister product range K.5 are impressive thanks to their linear design, which is perfectly suited to the characteristics of the materials used.

In the K.1 range, it is plastic which lends the frames and centre plates a functional and simple – yet high-quality – design; this material is available in glossy polar white or matt lacquered anthracite.

The K.5 is available in shimmering matt stainless steel or fully anodised aluminium. Both of these materials produce a clear and elegant appearance.



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SCHUKO socket outlets

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

SCHUKO socket outlets



SCHUKO socket outlet

Rated voltage 250 V~ - with plug-in terminals
Rated current 16 A

▶ 895

Design	Order no.	PU
polar white glossy	4715 70 09	10
anthracite matt, lacquered	4715 70 06	10
aluminium, aluminium anodised	4715 70 03	10
stainless steel, metal matt finish	4715 70 04	10



SCHUKO socket outlet

- enhanced contact protection - with plug-in terminals



Rated voltage 250 V~
Rated current 16 A

▶ 895

Design	Order no.	PU
polar white glossy	4735 70 09	10
anthracite matt, lacquered	4735 70 06	10
aluminium, aluminium anodised	4735 70 03	10
stainless steel, metal matt finish	4735 70 04	10



SCHUKO socket outlet

- screw-in lift terminals - with screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

▶ 895

Design	Order no.	PU
polar white glossy	4115 70 09	10
anthracite matt, lacquered	4115 70 06	10
alu, aluminium anodised	4115 70 03	10
stainless steel, metal matt finish	4115 70 04	10



SCHUKO socket outlet

- enhanced contact protection - with screw-in lift terminals
- screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

▶ 895

Design	Order no.	PU
polar white glossy	4135 70 09	10
anthracite matt, lacquered	4135 70 06	10
alu, aluminium anodised	4135 70 03	10
stainless steel, metal matt finish	4135 70 04	10





SCHUKO socket outlet

- labelling field

- with plug-in terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white glossy	4739 70 09	10
anthracite matt, lacquered	4739 70 06	10
aluminium matt, lacquered	4739 70 03	10
stainless steel matt, lacquered	4739 70 04	10



SCHUKO socket outlet

- labelling field

- with plug-in terminals

▶ 895

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white glossy	4738 70 09	10
anthracite matt, lacquered	4738 70 06	10
aluminium matt, lacquered	4738 70 03	10
stainless steel matt, lacquered	4738 70 04	10



SCHUKO socket outlet 45°

- labelling field

- for diagonal installation
- with plug-in terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
polar white glossy	4728 71 09	10
anthracite matt, lacquered	4728 71 06	10
aluminium matt, lacquered	4728 71 03	10
stainless steel matt, lacquered	4728 71 04	10





SCHUKO socket outlet with LED orientation light

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Light intensity (white)	0.2 cd
Power consumption	0.25 W/0.35 VA
Switch-on brightness	ca. 2 lx
Switch-off brightness	ca. 4 lx
Conductor cross-section (rigid)	max. 2.5 mm ²

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

Caution!
Items with special flush-mounted insert. Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
polar white glossy	4109 70 09	10
anthracite matt, lacquered	4109 70 06	10
aluminium matt, lacquered	4109 70 03	10
stainless steel matt, lacquered	4109 70 04	10



SCHUKO socket outlet with control LED

▶ 895

- labelling field
- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

- with screw-in lift terminals

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white glossy	4110 70 09	10



Double SCHUKO socket outlet with cover plate, high

▶ 895

Rated voltage	250 V~
Rated current	16 A

- integrated earth handle in cover frame provides protection against soiling during painting and renovation work
- with plug-in terminals

Caution!
The cover plate with earth handle must be installed prior to commissioning.

Design	Order no.	PU
polar white glossy	4774 70 09	10
anthracite matt	4774 70 06	10
aluminium matt, lacquered	4774 70 03	10
stainless steel matt, lacquered	4774 70 04	10





Double SCHUKO socket outlet with cover plate, high

▶ 895

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

Caution!
The cover plate with earth handle must be installed prior to commissioning.

- integrated earth handle in cover frame provides protection against soiling during painting and renovation work
- with plug-in terminals

Design	Order no.	PU
polar white glossy	4759 70 09	10
anthracite matt, lacquered	4759 70 06	10
aluminium matt, lacquered	4759 70 03	10
stainless steel matt, lacquered	4759 70 04	10



SCHUKO socket outlets with hinged cover



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



SCHUKO socket outlet with hinged cover

▶ 895

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals

Design	Order no.	PU
polar white glossy	4751 71 09	10
anthracite matt, lacquered	4751 71 06	10
aluminium, aluminium anodised	4751 71 03	10
stainless steel, metal matt finish	4751 71 04	10



SCHUKO socket outlet with hinged cover

▶ 895

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

- with self-closing hinged covers
- with imprint
- with plug-in terminals

Design	Order no.	PU
polar white glossy	4751 72 09	10
anthracite matt, lacquered	4751 72 06	10
aluminium, aluminium anodised	4751 72 03	10
stainless steel, metal matt finish	4751 72 04	10

Suitable for optional
Sealing set for socket outlets/centre plates
Order no. page 346



SCHUKO socket outlet with hinged cover

▶ 895

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Specially suited for combining several socket outlets if right angle plugs are used.

Design	Order no.	PU
polar white glossy	4747 71 09	10
anthracite matt, lacquered	4747 71 06	10
aluminium, aluminium anodised	4747 71 03	10
stainless steel, metal matt finish	4747 71 04	10





SCHUKO socket outlet with hinged cover

▶ 895

- labelling field
- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals

Design	Order no.	PU
polar white glossy	4752 71 09	10
anthracite matt, lacquered	4752 71 06	10
aluminium, aluminium anodised	4752 71 03	10
stainless steel, metal matt finish	4752 71 04	10



SCHUKO socket outlet with hinged cover

▶ 895

- labelling field
- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

- with self-closing hinged covers
- with imprint
- with plug-in terminals

Suitable for optional **Order no.** **Page**
Sealing set for socket outlets/centre plates page 346

Design	Order no.	PU
polar white glossy	4752 72 09	10
anthracite matt, lacquered	4752 72 06	10
aluminium, aluminium anodised	4752 72 03	10
stainless steel, metal matt finish	4752 72 04	10



SCHUKO socket outlet with hinged cover

▶ 895

- labelling field
- enhanced contact protection
- installation position variable in 45° steps



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.


- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals


Design	Order no.	PU
polar white glossy	4748 71 09	10
anthracite matt, lacquered	4748 71 06	10
aluminium, aluminium anodised	4748 71 03	10
stainless steel, metal matt finish	4748 71 04	10



SCHUKO socket outlet with hinged cover ▶ 895

- lock - differing closures






Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.


Suitable for optional Sealing set for socket outlets/centre plates Order no. Page
 page 346 page 346



Design	Order no.	PU
polar white glossy	4763 70 09	10
anthracite matt, lacquered	4763 70 06	10
aluminium matt, lacquered	4763 70 03	10
stainless steel matt, lacquered	4763 70 04	10



SCHUKO socket outlet with hinged cover ▶ 895

- lock - differing closures
- screw-in lift terminals




Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Available from September 2018!

Suitable for optional Sealing set for socket outlets/centre plates Order no. Page
 page 346 page 346

Design	Order no.	PU
polar white glossy	4163 70 09	10
anthracite matt, lacquered	4163 70 06	10
aluminium matt, lacquered	4163 70 03	10
stainless steel matt, lacquered	4163 70 04	10



SCHUKO socket outlets for special applications



SCHUKO socket outlet ▶ 895

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

Insert colour-coded.

Design Order no. PU
 red glossy **4715 70 15** 10
 green glossy **4715 70 13** 10
 orange glossy **4715 70 14** 10

SCHUKO socket outlet with imprint ▶ 895



- screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

- with imprint
- with plug-in terminals

Insert colour-coded.

Design Order no. PU
 red glossy, imprint "EDV" **4715 71 15** 10
 green glossy, imprint "SV" **4715 71 13** 10
 orange glossy, imprint "ZSV" **4715 71 14** 10



SCHUKO socket outlet with imprint

- enhanced contact protection

- with imprint
- with plug-in terminals



Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy, imprint "EDV"	4735 71 15	10
green glossy, imprint "SV"	4735 71 13	10
orange glossy, imprint "ZSV"	4735 71 14	10



▶ 895



SCHUKO socket outlet

- labelling field

- with plug-in terminals



Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
red glossy	4739 70 15	10
green glossy	4739 70 13	10
orange glossy	4739 70 14	10



▶ 895



SCHUKO socket outlet with imprint

- labelling field

- with plug-in terminals



Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
red glossy, imprint "EDV"	4739 71 15	10
green glossy, imprint "SV"	4739 71 13	10
orange glossy, imprint "ZSV"	4739 71 14	10



▶ 895



SCHUKO socket outlet with control LED and imprint

- labelling field
- enhanced contact protection
- screw-in lift terminals

- with screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.


Labelling field height arranged for P-touch strips 6 mm.

Execution SV, ZSV according to VDE 0100-710

Design	Order no.	PU
red glossy, imprint "EDV"	4110 71 15	10
green glossy, imprint "SV"	4110 71 13	10
orange glossy, imprint "ZSV"	4110 71 14	10





▶ 895



SCHUKO socket outlet with hinged cover, control LED and imprint ▶ 895

- enhanced contact protection
- screw-in lift terminals

Rated voltage	250 V~		
Rated current	16 A		

Insert colour-coded.
Execution SV, ZSV according to VDE 0100-710


Design	Order no.	PU
red glossy, imprint "EDV"	4151 71 15	10
green glossy, imprint "SV"	4151 71 13	10
orange glossy, imprint "ZSV"	4151 71 14	10

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	267





Safety devices flush-mounted

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection ▶ 894

- labelling field
- screw terminals

Rated voltage	250 V~		
Rated current	16 A		
Installation depth	32 mm		
Frequency	50/60 Hz		

Labelling field height arranged for P-touch strips 6 mm.
Connection terminals according to IEC 60884-1
Overvoltage protection according to EN 61643 and VDE 0675-6-11

Design	Order no.	PU
polar white glossy	4152 71 09	1
anthracite matt, lacquered	4152 71 06	1
aluminium matt, lacquered	4152 71 03	1
stainless steel matt, lacquered	4152 71 04	1
red glossy	4152 71 15	1

- with indicator LED for "on/error"
- with acoustic fault signal
- with imprint
- with screw terminals





SCHUKO socket outlet with residual current circuit-breaker

▶ 893

- enhanced contact protection



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Trigger time	≤ 30 ms
Surge current resistance	250 A (8/20) μs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA

- type A for alternating currents and pulsating direct currents
- to protect connected and downstream loads
- with plug-in terminals
- with spreader claws

Through-wired socket outlets are also protected.
For use in old installations with provision made to safeguard existing standards without additional protective regulations
Connection terminals according to IEC 60884-1
Tested conform VDE 0664 (EN 61008)

Design	Order no.	PU
polar white glossy	4708 70 09	1
anthracite matt, lacquered	4708 70 06	1
aluminium matt, lacquered	4708 70 03	1
stainless steel matt, lacquered	4708 70 04	1



Covers for protection switch



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with adapter ring for centre plate 50 x 50 mm from the corresponding range.

Adapter rings for centre plates 50 x 50 mm Residual current circuit-breaker	Order no.	Page
	2844 01	page 341 35

Design	Order no.	PU
polar white glossy	1496 09	1
anthracite, matt	1496 16 06	1
aluminium matt, lacquered	1496 14 04	1
stainless steel matt, lacquered	1496 04	1

International socket outlet systems

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

Socket outlets without earthing contact



Socket outlet without earthing contact

▶ 895

Rated voltage	250 V~	- 2pole
Rated current	16 A	- without spreader claws
Mirror depth	8 mm	- with plug-in terminals

Design	Order no.	PU
polar white glossy	61 6715 70 09	10
anthracite matt, lacquered	61 6715 70 06	10
aluminium matt, lacquered	61 6715 70 03	10
stainless steel matt, lacquered	61 6715 70 04	10





Socket outlet without earthing contact for razors

- screw terminals



Input voltage	230 V~
Frequency	50/60 Hz
Output voltage depending on plug position	115/230 V~
Power	20 VA

- with VDE transformer
- with imprint
- 2pole
- for flush-mounted box, 2gang, with bolt spacing 120.6 mm
- hidden screw fastening via supporting plate in flush-mounted box, 2-gang
- with screw terminals

Razor socket outlet transformer according to EN 61558-1, -2-5

For installation into wall boxes according to BS 4662:2006+A1:2009, figure 2: Standard box 2gang with nominal depth 47 mm

Design	Order no.	PU
Berker K.1		
polar white matt	33 4476 70 09	1
anthracite matt, lacquered	33 4476 70 16	1



Socket outlets with earthing pin



Socket outlet with earthing pin

- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.7 mm

- 2pole + earth
- with plug-in terminals

▶ 895

Design	Order no.	PU
polar white glossy	67 6875 70 09	10
anthracite matt, lacquered	67 6875 70 06	10
alu, aluminium anodised	67 6875 70 03	10
stainless steel, metal matt finish	67 6875 70 04	10



Socket outlet with earthing pin

- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.7 mm

- 2pole + earth
- with screw-in lift terminals

▶ 895

Design	Order no.	PU
polar white glossy	67 6575 70 09	10
anthracite matt, lacquered	67 6575 70 06	10
alu, aluminium anodised	67 6575 70 03	10
stainless steel, metal matt finish	67 6575 70 04	10





Socket outlet with earthing pin and LED orientation light

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Light intensity (white)	0.2 cd
Power consumption	0.25 W/0.35 VA
Switch-on brightness	ca. 2 lx
Switch-off brightness	ca. 4 lx
Conductor cross-section (rigid)	max. 2.5 mm ²

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- 2pole + earth
- through-wiring possible, therefore also ideal for retro-fitting
- with screw-in lift terminals

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
polar white glossy	67 6510 70 09	10
anthracite matt	67 6510 70 06	10
aluminium matt, lacquered	67 6510 70 03	10
stainless steel matt, lacquered	67 6510 70 04	10



Socket outlet with earth contact pin and monitoring LED

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

- 2pole + earth
- with screw-in lift terminals

Design	Order no.	PU
polar white glossy	67 6509 70 09	10



Socket outlets with earthing pin and hinged cover



Socket outlet with earthing pin and hinged cover

▶ 895

- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A

- when opening hinged cover, it can be arrested in end position
- with imprint
- 2pole + earth
- with plug-in terminals

Design	Order no.	PU
polar white glossy	67 6877 71 09	10
anthracite matt, lacquered	67 6877 71 06	10
alu, aluminium anodised	67 6877 71 03	10
stainless steel, metal matt finish	67 6877 71 04	10





Socket outlet with earthing pin and hinged cover

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

- when opening hinged cover, it can be arrested in end position
- with imprint
- 2pole + earth
- with screw-in lift terminals

Design	Order no.	PU
polar white glossy	67 6577 71 09	10
anthracite matt, lacquered	67 6577 71 06	10
alu, aluminium anodised	67 6577 71 03	10
stainless steel, metal matt finish	67 6577 71 04	10



Socket outlet with earthing pin and hinged cover

▶ 895

- lock - differing closures



Rated voltage 250 V~
Rated current 16 A

- e. g. for washing machine
- with 2 keys
- 2pole + earth
- with spreader claws
- with plug-in terminals

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	267

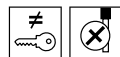
Design	Order no.	PU
polar white glossy	67 6811 70 09	10
anthracite matt, lacquered	67 6811 70 06	10
alu, aluminium anodised	67 6811 70 03	10
stainless steel, metal matt finish	67 6811 70 04	10



Socket outlet with earthing pin and hinged cover

▶ 895

- lock - differing closures
- screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

- e. g. for washing machine
- with 2 keys
- 2pole + earth
- with spreader claws
- with screw-in lift terminals

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	267

Available from September 2018!

Design	Order no.	PU
polar white glossy	67 6511 70 09	10
anthracite matt, lacquered	67 6511 70 06	10
alu, aluminium anodised	67 6511 70 03	10
stainless steel, metal matt finish	67 6511 70 04	10



Socket outlets with earthing pin for special applications



Socket outlet with earth contact pin and monitoring LED

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

- 2pole + earth
- with screw-in lift terminals

Design	Order no.	PU
red glossy	67 6509 70 15	10
green glossy	67 6509 70 13	10
orange glossy	67 6509 70 14	10



BRITISH STANDARD socket outlets



Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

- enhanced contact protection
- screw terminals



Rated voltage 250 V~
Rated current 13 A

- 2pole + earth
- without spreader claws
- with screw terminals

Suitable for Centre plate for socket outlets, British Standard, can be switched off
Order no.
Page page 326



Design	Order no.	PU
polar white glossy	5342 02 19	10
anthracite matt	5342 02 16	10



Centre plate for socket outlets, British Standard, can be switched off

Suitable for Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off
Order no.
Page page 326

Design	Order no.	PU
polar white glossy	33 1307 70 09	10
anthracite matt, lacquered	33 1307 70 06	10
alu, aluminium anodised	33 1307 70 13	10
stainless steel, metal matt finish	33 1307 70 14	10

Socket outlets with earthing contact Switzerland



Socket outlet with earthing contact, SWITZERLAND, type 13

- enhanced contact protection



Rated voltage 250 V~
Rated current 10 A

- 2pole + earth
- with plug-in terminals



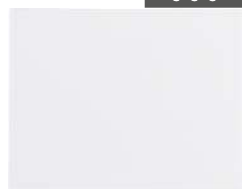
Design	Order no.	PU
polar white glossy	× 4713 70 19	10
stainless steel lacquered	× 4713 70 14	10

Covers for switches/push-buttons

Rockers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

Rocker



Not suitable for rocker push-button switches.

Suitable for Rocker switches
Rocker push-buttons
optional Sealing set for switches/push-buttons
Order no.
Page page 20
page 20
page 346

Design	Order no.	PU
polar white glossy	1405 70 09	10
anthracite matt, lacquered	1405 70 06	10
alu, aluminium anodised	1405 70 03	10
stainless steel, metal matt finish	1405 70 04	10



Rocker

- labelling field



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.
Not suitable for rocker push-button switches.

Suitable for
Rocker switches
Rocker push-buttons
optional
Sealing set for switches/push-buttons

Order no.

Page
page 20
page 20
page 346

Design	Order no.	PU
polar white glossy	1426 70 09	10
anthracite matt, lacquered	1426 70 06	10
alu, aluminium anodised	1426 70 03	10
stainless steel, metal matt finish	1426 70 04	10



Rocker

- lens



Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

– for illumination and monitoring circuit

Suitable for
Rocker switches
Rocker push-buttons
optional
Sealing set for switches/push-buttons

Order no.

Page
page 20
page 20
page 346

Design	Order no.	PU
polar white glossy	1415 70 09	10
anthracite matt, lacquered	1415 70 06	10
alu, aluminium anodised	1415 70 03	10
stainless steel, metal matt finish	1415 70 04	10



Rocker

- labelling field

- lens



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

– for illumination and monitoring circuit

Suitable for
Rocker switches
Rocker push-buttons
optional
Sealing set for switches/push-buttons

Order no.

Page
page 20
page 20
page 346

Design	Order no.	PU
polar white glossy	1415 71 09	10
anthracite matt, lacquered	1415 71 06	10
alu, aluminium anodised	1415 71 03	10
stainless steel, metal matt finish	1415 71 04	10

Rocker



- large labelling field
- lens



Labelling field (W x H) ≈ 49.5 x 20.3 mm

Labelling field height arranged for 2 9 mm P-touch strips.
Not suitable for rocker push-button switches.

Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

– for illumination and monitoring circuit

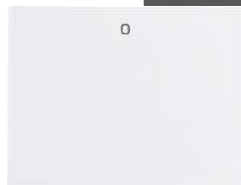
Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 346

Design	Order no.	PU
polar white glossy	1496 70 09	10
anthracite matt, lacquered	1496 70 06	10
aluminium matt, lacquered	1496 70 03	10
stainless steel matt, lacquered	1496 70 04	10

Rockers for multi-pole rocker switches

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

Rocker with imprint "0"



Not suitable for rocker push-button switches.

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26
optional		
Sealing set for switches/push-buttons		page 346

Design	Order no.	PU
polar white glossy	1425 71 09	10
anthracite matt, lacquered	1425 71 06	10
alu, aluminium anodised	1425 71 03	10
stainless steel, metal matt finish	1425 71 04	10

Rocker with imprint "0"



- red lens



Not suitable for rocker push-button switches.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

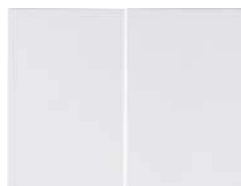
– for illumination and monitoring circuit

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26
optional		
Sealing set for switches/push-buttons		page 346

Design	Order no.	PU
polar white glossy	1417 71 09	10
anthracite matt, lacquered	1417 71 06	10
alu, aluminium anodised	1417 71 03	10
stainless steel, metal matt finish	1417 71 04	10

Multiple Rockers

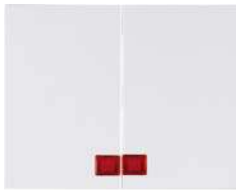
Rocker 2gang



Not suitable for rockers push-button switches.

Suitable for	Order no.	Page
Rocker switches, 2gang		page 29
Series push-buttons		page 29

Design	Order no.	PU
polar white glossy	1435 70 09	10
anthracite matt, lacquered	1435 70 06	10
alu, aluminium anodised	1435 70 03	10
stainless steel, metal matt finish	1435 70 04	10



Rocker 2gang

- red lens



Not suitable for rockers push-button switches.

- for illumination and monitoring circuit

Suitable for	Order no.	Page
Rocker switches, 2gang		page 29
Series push-buttons		page 29

Design	Order no.	PU
polar white glossy	1437 70 09	10
anthracite matt, lacquered	1437 70 06	10
aluminium matt, lacquered	1437 70 03	10
stainless steel matt, lacquered	1437 70 04	10



Rocker 3gang

Suitable for	Order no.	Page
On/off switch 3gang	6330 23	32

Design	Order no.	PU
polar white glossy	1465 70 09	10
anthracite matt, lacquered	1465 70 06	10
alu, aluminium anodised	1465 70 03	10
stainless steel matt, lacquered	1465 70 04	10

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

Suitable for	Order no.	Page
Pullcord switches/pullcord push-buttons		page 32

Design	Order no.	PU
polar white glossy	1147 70 09	10
anthracite matt, lacquered	1147 70 06	10

Centre plates for key switches/key push-buttons



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.



Centre plate for key switch/key push-button

- for master-key systems

Suitable for	Order no.	Page
Key switches/key push-buttons		page 33
Lock cylinder	1818 ..	62
optional		
Sealing set for key switches/key push-buttons		page 346

Design	Order no.	PU
polar white glossy	1505 70 09	10
anthracite matt, lacquered	1505 70 06	10
aluminium matt, lacquered	1505 70 03	10
stainless steel matt, lacquered	1505 70 04	10

Timers



Centre plate for mechanical timer

Suitable for	Order no.	Page
Mechanical timer		page 49

Design	Order no.	PU
with time scale 15 min		
polar white glossy	1634 71 09	1
anthracite matt, lacquered	1634 71 06	1
aluminium, aluminium anodised	1634 71 03	1
stainless steel, metal matt finish	1634 71 04	1



with time scale 120 min

polar white glossy	1635 71 09	1
anthracite matt, lacquered	1635 71 06	1
aluminium, aluminium anodised	1635 71 03	1
stainless steel, metal matt finish	1635 71 04	1

Electronics platform

Buttons for switches/dimmers



Button 1gang

Operating voltage via insert – with 2-push-buttons operation concept – low intrinsic energy requirement ▶ 896

Suitable for	Order no.	Page
Relay insert	8512 12 00	36
Switch insert 1gang	8512 11 00	37
Touch dimmer (R, L)	8542 11 00	38
Universal touch dimmer 1gang	8542 12 00	38
DALI/DSI control insert	8542 17 00	39

Design	Order no.	PU
polar white glossy	8514 11 79	1
anthracite matt, lacquered	8514 11 75	1
aluminium, matt, lacquered	8514 11 77	1
stainless steel matt, lacquered	8514 11 73	1



Button 2gang

Operating voltage via insert – with 2-push-buttons operation concept per series – low intrinsic energy requirement ▶ 896

Suitable for	Order no.	Page
Switch insert 2gang	8512 22 00	37
Universal touch dimmer 2gang	8542 21 00	39

Design	Order no.	PU
polar white glossy	8514 21 79	1
anthracite matt, lacquered	8514 21 75	1
aluminium, matt, lacquered	8514 21 77	1
stainless steel matt, lacquered	8514 21 73	1



Motion detector covers



IR Motion detector comfort

Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day) – with memory function for presence simulation ▶ 896
 Delay time, adjustable ≈ 10 s ... 30 min – party function for switching on for 2 hours
 – teach function for response brightness via button
 – with keylock
 – with button for on/off/automatic
 – step operation with immunity time (e.g. for stair light/ impact current circuits)
 – low intrinsic energy requirement

Suitable for	Order no.	Page
Inserts		page 72

Design	Order no.	PU
Nominal mounting height 1.1 m		
polar white glossy	8534 12 79	1
anthracite matt, lacquered	8534 12 75	1
aluminium, matt, lacquered	8534 12 77	1
stainless steel matt, lacquered	8534 12 73	1
Nominal mounting height 2.2 m		
polar white glossy	8534 22 79	1
anthracite matt, lacquered	8534 22 75	1
aluminium, matt, lacquered	8534 22 77	1
stainless steel matt lacquered	8534 22 73	1





Motion detector

▶ 896

Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)
Delay time ≈ 180 s

- with memory function for presence simulation
- party function for switching on for 2 hours
- teach function for response brightness via button
- with keylock
- with button for on/off/automatic
- low intrinsic energy requirement

Suitable for	Order no.	Page
Inserts		page 72
Order no.		PU

Design

Nominal mounting height 1.1 m

polar white glossy	8534 11 79	1
anthracite matt, lacquered	8534 11 75	1
aluminium, matt, lacquered	8534 11 77	1
stainless steel matt, lacquered	8534 11 73	1

Nominal mounting height 2.2 m

polar white glossy	8534 21 79	1
anthracite matt, lacquered	8534 21 75	1
aluminium, matt, lacquered	8534 21 77	1
stainless steel matt lacquered	8534 21 73	1



Blind buttons



Blind button

▶ 896

Delay time, adjustable 0 s ... 500 s
Venetian blind movement time 2 min
Self-retaining for 2 min on button-press > 0.4 s

- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- low intrinsic energy requirement

Can be switched to orientation led by extension unit.

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	92

Design

Order no.	PU
polar white glossy	8524 11 79
anthracite matt, lacquered	8524 11 75
aluminium, matt, lacquered	8524 11 77
stainless steel matt, lacquered	8524 11 73



Time switches for blinds



Blind time switch

▶ 896

- display



Number of operation times for up/down 20
Running time 2 min
Power reserve ≈ 24 h
Self-retaining for 2 min on button-press > 0.5 s

- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- with keylock
- reset function (to factory setting)
- with switchover manual/automatic mode
- low intrinsic energy requirement
- 2 independent preset programme memories, individually adaptable
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation

Control using device buttons and programmed switching times.

Can be switched to orientation led by extension unit.

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	92

Design

Order no.	PU
polar white glossy	8574 11 79
anthracite matt, lacquered	8574 11 75
aluminium, matt, lacquered	8574 11 77
stainless steel matt lacquered	8574 11 73



Covers for dimmers

Centre plates for rotary dimmers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

Centre plate for rotary dimmer/rotary potentiometer



- setting knob



Axis dimension Ø

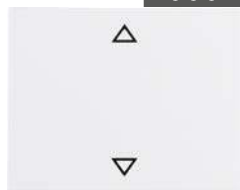
4 mm

Suitable for	Order no.	Page
Rotary dimmers		page 44
Rotary potentiometers DALI		page 46
1-10 V Rotary potentiometers		page 47
optional		
Sealing set for socket outlets/centre plates		page 346
Design	Order no.	PU
polar white glossy	1135 70 09	10
anthracite matt, lacquered	1135 70 06	10
aluminium, aluminium anodised	1135 70 03	10
stainless steel, metal matt finish	1135 70 04	10

Covers for blind switches/push-buttons

Rockers with imprint

Rocker with imprinted arrows symbol



Design

polar white glossy

anthracite matt, lacquered

alu, aluminium anodised

stainless steel, metal matt finish

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	30
optional		
Sealings IP44		page 346
Design	Order no.	PU
polar white glossy	1405 71 09	10
anthracite matt, lacquered	1405 71 06	10
alu, aluminium anodised	1405 71 03	10
stainless steel, metal matt finish	1405 71 04	10



Rocker 2gang with imprinted arrow symbol

– for blind series switch/push-button

Design

polar white glossy

anthracite matt, lacquered

alu, aluminium anodised

stainless steel, metal matt finish

Suitable for	Order no.	Page
Blind series switch 1pole	3035 20	66
Blind series push-button 1pole	5035 20	84
Design	Order no.	PU
polar white glossy	1435 71 09	10
anthracite matt, lacquered	1435 71 06	10
alu, aluminium anodised	1435 71 03	10
stainless steel, metal matt finish	1435 71 04	10



Rocker 2gang with imprinted arrows symbol

Design

polar white glossy

anthracite matt, lacquered

alu, aluminium anodised

stainless steel, metal matt finish

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	30
Design	Order no.	PU
polar white glossy	1435 72 09	10
anthracite matt, lacquered	1435 72 06	10
alu, aluminium anodised	1435 72 03	10
stainless steel, metal matt finish	1435 72 04	10

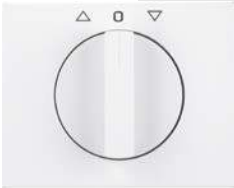
Centre plates for rotary switches for blinds



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



Centre plate with rotary knob for rotary switch for blinds



– with imprint

Suitable for	Order no.	Page
Rotary switches for blinds		page 86
optional		
Sealing set for socket outlets/centre plates		page 346
Interlock disk for rotary switch for blinds	1861	87

Design	Order no.	PU
polar white glossy	1077 71 09	1
anthracite matt, lacquered	1077 71 06	1
alu, aluminium anodised	1077 71 03	1
stainless steel, metal matt finish	1077 71 04	1

Centre plates for key switches/key push-buttons for blinds



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.



Centre plate with lock and push lock function for switch for blinds

– key can be removed in 0 position



– with imprint
– with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	87
Switch for blinds 2pole for centre plate with lock	3852	88

Design	Order no.	PU
polar white glossy	1079 71 09	1
anthracite matt, lacquered	1079 71 06	1
alu, aluminium anodised	1079 71 03	1
stainless steel, metal matt finish	1079 71 04	1



Centre plate with lock and push lock function for switch for blinds

– Key can be removed in 3 positions



– with imprint
– with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	87
Switch for blinds 2pole for centre plate with lock	3852	88



Design	Order no.	PU
polar white glossy	1079 72 09	1
anthracite matt, lacquered	1079 72 06	1
alu, aluminium anodised	1079 72 03	1
stainless steel, metal matt finish	1079 72 04	1



Centre plate with lock and touch function for switch for blinds

– key can be removed in 0 position



– with imprint
– with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	87
Switch for blinds 2pole for centre plate with lock	3852	88

Design	Order no.	PU
polar white glossy	1079 73 09	1
anthracite matt, lacquered	1079 73 06	1
alu, aluminium anodised	1079 73 03	1
stainless steel, metal matt finish	1079 73 04	1



Centre plate for key push-button for blinds/key switch

- with imprint
- for master-key systems
- for lock cylinder

Suitable for	Order no.	Page
Switch for blinds 1pole for lock cylinder	3821 20	89
Switch for blinds 2pole for lock cylinder	3822 10	90
Push-button for blinds 1pole for lock cylinder	3831 ..	90
Push-button for blinds 2pole for lock cylinder	3832 10	90
Lock cylinder	1818 ..	62
optional		
Sealing set for key switches/key push-buttons		page 346

Design	Order no.	PU
polar white glossy	1504 71 09	10
anthracite matt, lacquered	1504 71 06	10
aluminium matt, lacquered	1504 71 03	10
stainless steel matt, lacquered	1504 71 04	10

HVAC controllers and covers

Thermostats



Thermostat, NO contact, with centre plate

- time-controlled



Rated voltage	230 V~
Frequency	50 Hz
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10
Energy efficiency class	IV (2%)

- for underfloor heating control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

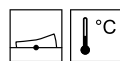
Suitable for optional	Order no.	Page
Temperature sensor (33 kΩ)	161	110

Design	Order no.	PU
polar white glossy	2044 71 09	1
anthracite matt	2044 71 06	1
aluminium matt, lacquered	2044 71 03	1
stainless steel, lacquered	2044 71 04	1



Thermostat, NO contact, with centre plate, for underfloor heating

- rocker switch
- external temperature sensor



Rated voltage	250 V~
Frequency	50/60 Hz
Energy efficiency class	I (1%)

Design	Order no.	PU
polar white glossy	2034 71 09	1
anthracite matt, lacquered	2034 71 06	1
aluminium matt, lacquered	2034 71 03	1
stainless steel matt, lacquered	2034 71 04	1





Temperature controller, change-over contact, with centre plate

▶ 884

Rated voltage 250 V~ – for heating or cooling mode
 Frequency 50/60 Hz
 Energy efficiency class I (1%)

Design	Order no.	PU
polar white glossy	2026 71 09	1
anthracite matt, lacquered	2026 71 06	1
aluminium matt, lacquered	2026 71 03	1
stainless steel matt, lacquered	2026 71 04	1



Temperature controller, NC contact, with centre plate

▶ 884

- rocker switch



Rated voltage 250 V~
 Frequency 50/60 Hz
 Energy efficiency class I (1%)

Design	Order no.	PU
polar white glossy	2030 71 09	1
anthracite matt, lacquered	2030 71 06	1
aluminium matt, lacquered	2030 71 03	1
stainless steel matt, lacquered	2030 71 04	1



Temperature controller, NC contact, with centre plate, 24 V AC/DC

▶ 884

- rocker switch



Rated voltage 24 V~/24 V=
 Frequency 50/60 Hz
 Energy efficiency class I (1%)

Design	Order no.	PU
polar white glossy	2031 71 09	1
anthracite matt, lacquered	2031 71 06	1
aluminium matt, lacquered	2031 71 03	1
stainless steel matt, lacquered	2031 71 04	1



Central plates for sensor inserts



Central plate for sensor insert

Not suitable for rocker push-button switches.
 Caution!
 Use only with intermediate ring for central plate from the corresponding range.
 Labelling field cannot be used.

Suitable for
 Intermediate rings
 Sensor insert

Order no.
 7594 10 01

Page
 page 341
 105

Design	Order no.	PU
polar white glossy	7594 04 09	1
anthracite, matt	7594 04 85	1
stainless steel matt, lacquered	7594 04 03	1

Rockers for heating applications

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

Rocker with imprint "Heizung"



- red lens



Use glass pane-protected switch for heating applications from programme ranges Arsys, wg Up IP44 alternatively.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for monitoring circuit

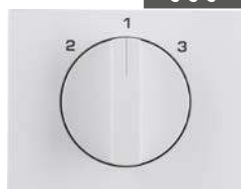
Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 346

Design	Order no.	PU
red glossy	1488 71 15	10

Centre plates for air conditioner/fan controllers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

Centre plate with rotary knob for 3-step switch



Design

without 0-position, imprint 2-1-3

Design	Order no.	PU
polar white glossy	1088 71 09	1
anthracite matt, lacquered	1088 71 06	1
alu, aluminium anodised	1088 71 03	1
stainless steel, metal matt finish	1088 71 04	1

with 0-position, imprint 0-1-2-3

polar white glossy	1087 71 09	1
anthracite matt, lacquered	1087 71 06	1
alu, aluminium anodised	1087 71 03	1
stainless steel, metal matt finish	1087 71 04	1



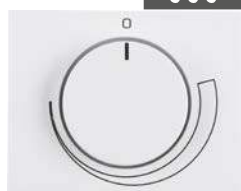
Suitable for	Order no.	Page
3-step switches	3861 ..	108
optional		
Sealing set for socket outlets/centre plates		page 346

Order no.	PU

Centre plate for speed controller

- setting knob

- with imprinted symbol curve



Axis dimension Ø

4 mm

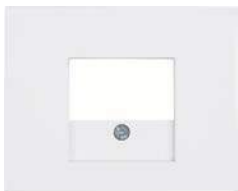
Suitable for	Order no.	Page
Speed controller	2968 01	109
optional		
Sealing set for socket outlets/centre plates		page 346

Design	Order no.	PU
polar white glossy	1135 72 09	10
anthracite matt, lacquered	1135 72 06	10
aluminium, aluminium anodised	1135 72 03	10
stainless steel, metal matt finish	1135 72 04	10

Communication/multimedia technology

– for information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

Covers data communications / telecommunications



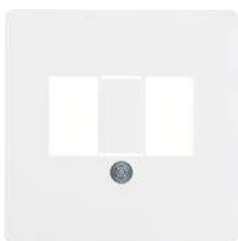
Centre plate with TAE cut-out

– also for KNX applications: USB data interface, flush-mounted

Design

Design	Order no.	Page
polar white glossy	1035 70 09	10
anthracite matt, lacquered	1035 70 06	10
alu, aluminium anodised	1035 70 03	10
stainless steel, metal matt finish	1035 70 04	10

Suitable for	Order no.	Page
Loudspeaker connector box	4572 0 ..	137
Stereo loudspeaker connector box	4573 0 ..	137
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	118
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135



Central plate with TAE cut-out

- push-out



Caution!
Use only with intermediate ring for central plate from the corresponding range.

– also for KNX applications: USB data interface, flush-mounted

– 1 knock out opening
– labelling field latchable in matching intermediate ring

Design

Design	Order no.	Page
polar white glossy	1458 09	10

Suitable for	Order no.	Page
Intermediate rings		page 341
Stereo loudspeaker connector box	4573 ..	137
Loudspeaker connector box	4572 ..	137
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	118
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135



Centre plate with TDO cut-out

- labelling field



For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

Labelling field height designed for 6 mm P-touch strips.

– also for KNX applications: USB data interface, flush-mounted

Design

Design	Order no.	Page
polar white glossy	68 1034 70 09	10
anthracite matt, lacquered	68 1034 70 06	10
aluminium matt, lacquered	68 1034 70 03	10
stainless steel matt, lacquered	68 1034 70 04	10

Suitable for	Order no.	Page
Loudspeaker connector box	4572 0 ..	137
Stereo loudspeaker connector box	4573 0 ..	137
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135



Centre plate for FCC socket outlet

– with 45° oblique outlet
– for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
– for WLAN access-points

Design

Design	Order no.	Page
polar white glossy	1407 70 09	10
anthracite matt, lacquered	1407 70 06	10
alu, aluminium anodised	1407 70 03	10
stainless steel, metal matt finish	1407 70 04	10

Suitable for	Order no.	Page
FCC socket outlets 1gang		page 114
WLAN Access-Point UP	4582	115
WLAN Access-Point flush-mounted, PoE	4583	115



Centre plate for FCC socket outlet 2gang

- with 45° oblique outlet
- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso

Suitable for	Order no.	Page
FCC socket outlets 2gang		page 116
FCC socket outlet 8/8pole shielded, cat.6/class E	4555 01 ..	116

Design	Order no.	PU
polar white glossy	1409 70 09	10
anthracite matt, lacquered	1409 70 06	10
alu, aluminium anodised	1409 70 03	10
stainless steel, metal matt finish	1409 70 04	10



Centre plate with dust protection slider

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting device 1gang, order no. 4540 0 .. und 4542 01, see chapter **communication/multimedia technology**

Design	Order no.	PU
polar white glossy	1170 70 09	10
anthracite matt, lacquered	1170 70 06	10
aluminium matt, lacquered	1170 70 03	10
stainless steel matt, lacquered	1170 70 04	10



Centre plate with 2 dust protection sliders

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 0 .. and 4542 02, see chapter **communication/multimedia technology**

Design	Order no.	PU
polar white glossy	1182 70 09	10
anthracite matt, lacquered	1182 70 06	10
aluminium matt, lacquered	1182 70 03	10
stainless steel matt, lacquered	1182 70 04	10



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- with 30° oblique outlet
- for Mini-Com dummy modules 1gang
- labelling field latchable in matching intermediate ring
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com HDMI™ module, double socket 1.3, type A
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com USB modules, double socket type A, USB 2.0 compliant

Suitable for	Order no.	Page
Intermediate rings		page 341
Multimedia modules		page 145
Mini jack, 8-pole		page 126

Design	Order no.	PU
polar white glossy	1427 09	10
anthracite, matt	1427 16 06	10



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- with 30° oblique outlet
- labelling field latchable in matching intermediate ring

	Suitable for Intermediate rings	Order no.	Page page 341
Design		Order no.	PU
polar white glossy		1472 09	10
anthracite, matt		1472 16 06	10



Central plate for Reichle&De-Massari double module

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- with 30° oblique outlet
- labelling field latchable in matching intermediate ring

	Suitable for Intermediate rings	Order no.	Page page 341
Design		Order no.	PU
polar white glossy		1461 09	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect, cat.3, cat.5, cat.5e and cat.6
- with 30° oblique outlet
- labelling field latchable in matching intermediate ring

	Suitable for Intermediate rings	Order no.	Page page 341
Design		Order no.	PU
polar white glossy		1463 09	10
anthracite, matt		1463 16 06	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks, cat.5, cat.5e and cat.6
- with 30° oblique outlet
- labelling field latchable in matching intermediate ring

	Suitable for Intermediate rings	Order no.	Page page 341
Design		Order no.	PU
polar white glossy		1464 09	10
anthracite, matt		1464 16 06	10



Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 2 fibre-optic couplings
- with 30° oblique outlet
- labelling field latchable in matching intermediate ring

	Suitable for Intermediate rings	Order no.	Page page 341
Design		Order no.	PU
polar white glossy, 2gang		1492 09	10



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 1 or 2 fibre-optic couplings
- with 30° oblique outlet
- 1 knock out opening
- labelling field latchable in matching intermediate ring

Design	Suitable for	Order no.	Page
polar white glossy	Intermediate rings		page 341
	Order no.		PU
	1480 09		10

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

Design	Suitable for	Order no.	Page
polar white glossy	Aerial sockets		page 128
anthracite matt, lacquered			
aluminium, aluminium anodised			
stainless steel, metal matt finish			
	Order no.		PU
	1201 70 19		10
	1201 70 16		10
	1201 70 13		10
	1201 70 14		10



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

Design	Suitable for	Order no.	Page
polar white glossy	Intermediate rings		page 341
anthracite, matt	Aerial socket 4hole single box	4594 10	129
aluminium, matt, lacquered			
stainless steel matt, lacquered			
	Order no.		PU
	1484 09		10
	1484 16 06		10
	1484 70 03		10
	1484 04		10



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

Design	Suitable for	Order no.	Page
polar white glossy	Intermediate rings		page 341
anthracite, matt			
aluminium, matt, lacquered			
stainless steel matt, lacquered			
	Order no.		PU
	1483 09		10
	1483 16 06		10
	1483 70 03		10
	1483 04		10

Central plates for signalling and command units



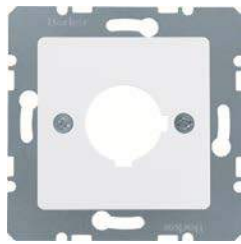
Central plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable in matching intermediate ring
- with cut-out dia. 18.8 mm

Design	Suitable for	Order no.	Page
polar white glossy	Intermediate rings		page 341
anthracite, matt	optional		
aluminium, matt, lacquered	Built-in socket for floating output	4604	683
stainless steel matt, lacquered			
	Order no.		PU
	1431 09		10
	1431 16 06		10
	1431 70 03		10
	1431 04		10



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm – labelling field latchable in matching intermediate ring
– with cut-out dia. 22.5 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

Suitable for Intermediate rings **Order no.** **Page**
page 341

Design	Order no.	PU
polar white glossy	1432 09	10
anthracite, matt	1432 16 06	10
aluminium, matt, lacquered	1432 70 03	10
stainless steel matt, lacquered	1432 04	10

Intermediate rings



Intermediate ring for central plate

– labelling field latchable
Suitable for optional Labelling field for intermediate ring **Order no.** **Page**
page 341

Design	Order no.	PU
polar white glossy	1108 70 09	10
anthracite matt, lacquered	1108 70 06	10
aluminium matt, lacquered	1108 70 03	10
stainless steel matt, lacquered	1108 70 04	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

Suitable for Intermediate ring for central plate **Order no.** **Page**
page 341

Design	Order no.	PU
polar white glossy	1905 00 69	10
aluminium matt, lacquered	1905 70 03	10
stainless steel matt, lacquered	1905 70 04	10



Intermediate ring with hinged cover

Labelling field height arranged for P-touch strips 6 mm.

– when opening hinged cover, it can be arrested in end position
– with imprint
– for centre plate of third-party manufacturers with external dimension 50 x 50 mm

Design	Order no.	PU
polar white glossy	1154 71 09	10
anthracite matt, lacquered	1154 71 06	10
aluminium aluminium anodised	1154 71 03	10
stainless steel, metal matt finish	1154 71 04	10

Adapter rings for centre plates 50 x 50 mm



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.

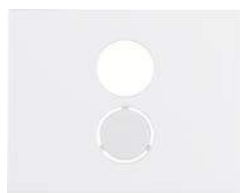
For centre plate according to DIN 49075

– for centre plate of third-party manufacturers with external dimension 50 x 50 mm

Suitable for **Order no.** **Page**
page

Design	Order no.	PU
polar white glossy	1108 71 09	10
anthracite matt, lacquered	1108 71 06	10
aluminium matt, lacquered	1108 71 03	10
stainless steel matt, lacquered	1108 71 04	10

Covers Audio



Centre plate for loudspeaker socket outlet

– 1 knock out opening

Suitable for
Loudspeaker socket outlet High End **Order no.** 4505 02 **Page** 139

Design	Order no.	PU
polar white glossy	1184 70 09	10
anthracite matt, lacquered	1184 70 06	10
aluminium, aluminium anodised	1184 70 03	10
stainless steel, metal matt finish	1184 70 04	10



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm – labelling field latchable in matching intermediate ring
Screw spacing (horizontal/vertical) 19/24 mm – speakon and jack connector

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Suitable for
Intermediate rings **Order no.** **Page** page 341

Design	Order no.	PU
polar white glossy	1412 09	10
anthracite matt	1412 16 06	10

Video socket outlets



VGA socket outlet

Frequency range video max. 160 MHz – with 15pole D-subminiature jack (front)
Resolution max. 1280 x 1024 px – S-VGA compatible

▶ 886

Design Order no. PU

with double jack

polar white glossy	33 1540 70 09	10
anthracite matt, lacquered	33 1540 70 06	10
aluminium matt, lacquered	33 1540 70 03	10
stainless steel matt, lacquered	33 1540 70 04	10

back side, with screw-in lift terminals

polar white glossy ¹⁾	33 1541 70 09	10
anthracite matt, lacquered ¹⁾	33 1541 70 06	10
aluminium matt, lacquered ¹⁾	33 1541 70 03	10
stainless steel matt, lacquered ¹⁾	33 1541 70 04	10

¹⁾for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²



Multimedia sockets



High definition socket outlet

Transmission rate max. 8.16 GBit/s – 19pole
Resolution max. 1920 x 1080 px – with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
– gold-plated contacts

▶ 892

Design Order no. PU

back side, with straight socket

polar white glossy	33 1542 70 09	1
anthracite matt, lacquered	33 1542 70 06	1
aluminium matt, lacquered	33 1542 70 03	10
stainless steel matt, lacquered	33 1542 70 04	1

back side, with 90° angle socket

polar white glossy	33 1543 70 09	10
anthracite matt, lacquered	33 1543 70 06	10
aluminium matt, lacquered	33 1543 70 03	10
stainless steel matt, lacquered	33 1543 70 04	10





3 x Cinch/S-Video socket outlet

▶ 892

Frequency range audio 20 ... 20000 Hz
 Frequency range video max. 160 MHz

- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack
- gold-plated contacts

Design	Order no.	PU
polar white glossy	33 1532 70 09	10
anthracite matt, lacquered	33 1532 70 06	10
aluminium matt, lacquered	33 1532 70 03	10
stainless steel matt, lacquered	33 1532 70 04	10



USB/3.5 mm audio socket outlet

▶ 892

USB transmission rate max. 5 GBit/s
 Frequency range audio 20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB, double socket type A, USB 3.0 compliant
- reverse-compatible to USB 2.0

NEW, available from September 2018!
 With **USB 3.0** double jack.

Design	Order no.	PU
polar white glossy	33 1539 70 09	10
anthracite matt, lacquered	33 1539 70 06	10
aluminium matt, lacquered	33 1539 70 03	10
stainless steel matt, lacquered	33 1539 70 04	10



Consumer electronics



Berker Radio Touch

- **loudspeaker**



Operating voltage 230 V~
 Frequency 50/60 Hz
 Frequency range (radio reception) 87.5 ... 108 MHz
 Dimensions of display (W x H) 35 x 28 mm
 Conductor cross-section max. 2.5 mm²
 Conductor cross-section (loudspeakers) max. 1.5 mm²

- stereo FM radio with RDS display
- operation via sensor areas of the touch display
- illuminated touch graphics display
- time and date display
- with one loudspeaker
- extension unit input for separate on/off switching
- external audio input, e.g. for MP3 player or docking station
- with 2 loudspeaker connections

Suitable for optional	Order no.	Page
Loudspeaker		page 344
Ceiling loudspeaker Ø 80 mm	2885 00 00	149
Ceiling loudspeaker Ø 140 mm	2885 00 01	149

Design	Order no.	PU
polar white glossy	2880 70 09	1
anthracite matt, lacquered	2880 70 06	1
aluminium matt, lacquered	2880 70 03	1
stainless steel matt, lacquered	2880 70 04	1



Berker Radio Touch

Operating voltage 230 V~
 Frequency 50/60 Hz
 Frequency range (radio reception) 87.5 ... 108 MHz
 Conductor cross-section max. 2.5 mm²
 Conductor cross-section (loudspeakers) max. 1.5 mm²
 Dimensions of display (W x H) 35 x 28 mm

- stereo FM radio with RDS display
- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- with 2 loudspeaker connections
- external audio input, e.g. for MP3 player or docking station

At least one loudspeaker must be connected for operation.

Suitable for optional	Order no.	Page
Loudspeaker		page 344
Ceiling loudspeaker Ø 80 mm	2885 00 00	149
Ceiling loudspeaker Ø 140 mm	2885 00 01	149

Design	Order no.	PU
polar white glossy	2884 70 09	1
anthracite matt, lacquered	2884 70 06	1
aluminium matt, lacquered	2884 70 03	1
stainless steel matt, lacquered	2884 70 04	1





Loudspeaker

Conductor cross-section (flexible)
Pre-assembled cable
Installation depth

0.5 mm² – confectioned, with 2-core, double-insulated, flexible cable
≈ 25 cm
35 mm

Suitable for
Berker Radio Touch

Order no.

Page
page 343

Design	Order no.	PU
polar white glossy	2882 70 09	1
anthracite matt, lacquered	2882 70 06	1
aluminium matt, lacquered	2882 70 03	1
stainless steel matt, lacquered	2882 70 04	1



Pilot lamps

LED signal lights



LED signal light, white lighting

▶ 875

Rated voltage 230 V~
Frequency 50/60 Hz
Power consumption at 230 V~, 50 Hz - max. 1 W

– for signalling notices, information or warnings
– brightness modifiable via potentiometer
– light colour cold white
– switchable via separate switch

Suitable for optional
Foil for LED signal light

Order no.

Page
page 54

Design	Order no.	PU
polar white glossy	2953 70 09	1
anthracite matt	2953 70 06	1
aluminium matt, lacquered	2953 70 03	1
stainless steel matt, lacquered	2953 70 04	1



LED signal light, RGB

▶ 875

Rated voltage 230 V~
Frequency 50/60 Hz
Power consumption at 195...265 V~, 50/60 Hz - max. 3.7 W

– for signalling notices, information or warnings
– brightness modifiable via potentiometer
– light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence callable via push-button
– colour sequence can be stopped at any position via the push-button.
– colour is switchable via an external switch

Suitable for optional
Foil for LED signal light

Order no.

Page
page 54

Design	Order no.	PU
polar white glossy	2951 70 09	1
anthracite matt	2951 70 06	1
aluminium matt, lacquered	2951 70 03	1
stainless steel matt, lacquered	2951 70 04	1



LED signal light, red/green lighting

▶ 875

Rated voltage 230 V~
Frequency 50/60 Hz
Power consumption at 230 V~, 50 Hz - per colour max. 0.5 W

– for signalling of e.g. access control
– switchable between red and green via separate switches

Suitable for optional
Foil bi-colour for LED signal light

Order no.

Page
page 55

Design	Order no.	PU
polar white glossy	2952 70 09	1
anthracite matt	2952 70 06	1
aluminium matt, lacquered	2952 70 03	1
stainless steel matt, lacquered	2952 70 04	1



Pilot lamps

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

Centre plate for push-button/pilot lamp E10



Cut-out Ø 27.2 mm – centre plate for plug-in fixing


Design	Order no.	Page
Suitable for	Order no.	Page
Cover for push-button/pilot lamp E10		page 56
Knob for push-button/pilot lamp E10		page 57
LED lamp E10		page 57
Neon lamp E10		page 57
Push-button/pilot lamp E10, NO contact	5101 ..	55
Design	Order no.	PU
polar white glossy	1165 70 09	10
anthracite matt, lacquered	1165 70 06	10
aluminium matt, lacquered	1165 70 03	10
stainless steel matt, lacquered	1165 70 04	10

Centre plate for pilot lamp E14



Design	Order no.	Page
Suitable for	Order no.	Page
Cover for pilot lamp E14		page 58
LED lamp E14		page 58
Incandescent lamp E14		page 59
Pilot lamp E14	5131 02	57
optional		
Sealing set for socket outlets/centre plates		page 346
Design	Order no.	PU
polar white glossy	1167 70 09	10
anthracite matt, lacquered	1167 70 06	10
aluminium matt, lacquered	1167 70 03	10
stainless steel matt, lacquered	1167 70 04	10

Supplementary products

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

Blind plug with centre plate



– on supporting plate without cut-out

Design	Order no.	Page
Suitable for	Order no.	Page
optional		
Sealing set for socket outlets/centre plates		page 346
Design	Order no.	PU
without spreader claws		
polar white glossy	1045 70 09	20
anthracite matt, lacquered	1045 70 06	20
alu, aluminium anodised	1045 70 03	20
stainless steel, metal matt finish	1045 70 04	20
with base and spreader claws		
polar white glossy	67 1045 70 09	10
anthracite matt, lacquered	67 1045 70 06	10
alu, aluminium anodised	67 1045 70 03	10
stainless steel, metal matt finish	67 1045 70 04	10

 **Blind plug with centre plate, screw-on**

- for customised cut-outs or holes when installing special solutions
- space-saving for relays, etc.
- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates		page 346



Design	Order no.	PU
polar white glossy	1045 71 09	20
anthracite matt, lacquered	1045 71 06	20

 **Centre plate for cable outlet**

Suitable for	Order no.	Page
Cable outlet with low installation depth	4468	130
Cable outlet	4470	130

Design	Order no.	PU
polar white glossy	1005 70 09	10
anthracite matt, lacquered	1005 70 06	10
aluminium matt, lacquered	1005 70 03	10
stainless steel matt, lacquered	1005 70 04	10

Sealings IP44

- for installation information on sealing sets, see **Flush-mounted wet room installation**.

 **Sealing set for socket outlets/centre plates**

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 317
Socket outlets with earthing pin and hinged cover		page 324
Centre plates for rotary dimmers		page 332
Centre plates for rotary switches for blinds		page 333
Centre plates for air conditioner/fan controllers		page 336
Centre plate for pilot lamp E14		page 345
Blind plug with centre plate		page 345
Frames		page 362
Frames		page 368

Design	Order no.	PU
transparent	1010 72 00	1

 **Sealing set for switches/push-buttons**

- with IP44 fixing piece to screw on

Suitable for	Order no.	Page
Rockers		page 326
Rockers for multi-pole rocker switches		page 328
Rockers - accessible construction		page 348
Rocker with imprinted arrows symbol		page 332
Rockers for heating applications		page 336
Frames		page 362
Frames		page 368

Design	Order no.	PU
transparent	1010 71 00	1

 **Sealing set for key switches/key push-buttons**

Suitable for	Order no.	Page
Centre plate for key switch/key push-button		page 329
Centre plate for key push-button for blinds/key switch		page 334
Frames		page 362
Frames		page 368

Design	Order no.	PU
transparent	1010 70 00	1

Hotel applications



Relay switch with centre plate for hotel card

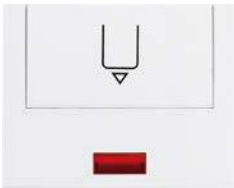
▶ 881

Rated voltage	230 V~ +10/-15 %	– with potentiometer for incremental adjustment of delay time
Frequency	50/60 Hz	– illuminated with blue LED if hotel card is not inserted
Switching current	10 A	– with potential-free contact
Power consumption	< 0.2 W	
Delay time incrementally adjustable	0, 15, 30, 60 s	
230 V incandescent lamps and halogen lamps	1500 W	
Conventional transformers	1500 VA	
Electronic transformers	1500 W	
Fluorescent lamps:		
- in Duo circuit	1500 W	
Compact fluorescent lamps	500 W	
Card width	max. 55 mm	
Card thickness	0.8 ... 1.2 mm	

Not suitable for installation in surface-mounted housing.

Design	Order no.	PU
polar white glossy	1641 71 19	1
anthracite matt	1641 71 16	1
aluminium matt, lacquered	1641 71 34	1
stainless steel matt, lacquered	1641 71 14	1

Centre plates for hotel card switches



Centre plate with imprint for push-button for hotel card

- red lens

– for push-button for hotel card



Suitable for	Order no.	Page
Push-button for hotel card		page 64

Card width	max. 54 mm
Card thickness	0.5 ... 1.4 mm

Other imprint on request!

Design	Order no.	PU
polar white glossy	1641 71 09	10
anthracite matt, lacquered	1641 71 06	10
aluminium matt, lacquered	1641 71 03	10
stainless steel matt, lacquered	1641 71 04	10

Signalisation of hotel room status



LED signal light, red/green lighting

▶ 875

Rated voltage	230 V~	– switchable between red and green via separate switches
Frequency	50/60 Hz	– two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied
Power consumption	at 230 V~, 50 Hz - per colour max. 0.5 W	– for signalling of e.g. access control
Conductor cross-section	2.5 mm ²	
Quantity LED lamps	4	Suitable for optional
Ambient temperature	-5 ... +40 °C	Foil bi-colour for LED signal light

Order no.	Page
	page 65

For installation in standard wall boxes according to DIN 49073-1

Design	Order no.	PU
polar white glossy	2952 70 09	1
anthracite matt	2952 70 06	1
aluminium matt, lacquered	2952 70 03	1
stainless steel matt, lacquered	2952 70 04	1



Accessible construction



The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

SCHUKO socket outlets



SCHUKO socket outlet with hinged cover for barrier-free construction

▶ 895

- tactile symbol
- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

Connection terminals according to IEC 60884-1
Barrier-free building based on DIN 18025

- for accessible construction
- when opening hinged cover, it can be arrested in end position
- with plug-in terminals



Design	Order no.	PU
polar white glossy	4786 71 09	10

Rockers - accessible construction



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker for barrier-free construction



- guide for mouth rod
- lens



Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Barrier-free building based on DIN 18025

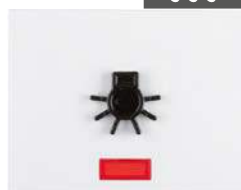
- for accessible construction
- for illumination and monitoring circuit
- for change-over/intermediate switch
- for rocker push-buttons

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 346

Design	Order no.	PU
polar white glossy	1661 71 09	10



Rocker for barrier-free construction



- tactile light symbol
- red lens



Not suitable for rocker push-button switches.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Barrier-free building based on DIN 18025

- for accessible construction
- for illumination and monitoring circuit
- for change-over/intermediate switch
- for rocker push-buttons

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 346

Design	Order no.	PU
polar white glossy	1651 71 09	10



Rocker for barrier-free construction



- tactile bell symbol
- red lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Barrier-free building based on DIN 18025

- for accessible construction
- for illuminated rocker push-buttons

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 346

Design	Order no.	PU
polar white glossy	1651 72 09	10

Rocker for barrier-free construction



- tactile symbol for door opener
- red lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Barrier-free building based on DIN 18025

- for accessible construction
- for illuminated rocker push-buttons

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 346

Design	Order no.	PU
polar white glossy	1651 73 09	10

Hospital installation

Emergency system

- for installation in standard wall boxes according to DIN 49073-1



Emergency call set with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

- Set consisting of:
- Pullcord push-button with frame, order no. 5202..
 - Pilot lamp with frame, order no. 5203..
 - Shut-off push-button with frame, order no. 5201..
 - Power supply with frame, order no. 5204..

The emergency call set is used to call for help in public or disabled WCs, doctors' surgeries and old people's homes. It corresponds to the safety requirements according to DIN VDE 0834

- acoustic and visual signalling of an emergency call using pilot lamp after the pullcord push-button has been actuated
- switch-off of emergency call using shut-off push-button at emergency location
- power supply via power supply unit with 24 V DC
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- centre plates for plug-in fixing
- monitoring of devices triggering calls for wire break
- with screw terminals

Suitable for	Order no.	Page
optional		
Call button with frame	5206 70 09	349
Cancellation/presence button with frame	5205 70 09	349
Pullcord push-button with frame	5202 70 09	350
Cancellation button with frame	5201 70 09	350
Light signal with frame	5203 70 09	350
Mains adapter with frame	5204 70 09	350

Design	Order no.	PU
polar white glossy	5200 70 09	1



Call button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

Additional call push-button to, for example, provide a control section in a second room or an additional location to trigger an emergency call.

- as expansion for the emergency call set
- with quiet lamp
- with red call button with lens
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 70 09	349

Design	Order no.	PU
polar white glossy	5206 70 09	1



Cancellation/presence button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C
Cable length to light signal max. 500 m

Office unit, in order to, for example, indicate an emergency call in an office or a headquarters.

- as expansion for the emergency call set
- with yellow shut-off button
- with green presence button
- with visual and acoustic alarm encoder
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 70 09	349

Design	Order no.	PU
polar white glossy	5205 70 09	1



Pullcord push-button with frame

Operating voltage 24 V= – with quiet lamp
 Operating temperature -5 ... +40 °C – centre plate for plug-in fixing
 – for wall and ceiling mounting
 To trigger an emergency call in emergency situations. – with pullcord and knob
 – with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 70 09	349
Design	Order no.	PU
polar white glossy	5202 70 09	1



Cancellation button with frame

Operating voltage 24 V= – with green shut-off button
 Operating temperature -5 ... +40 °C – centre plate for plug-in fixing
 – with screw terminals
 To switch off the alarm signal (pilot lamp) on arrival at the emergency location.

Suitable for	Order no.	Page
Emergency call set with frame	5200 70 09	349
Design	Order no.	PU
polar white glossy	5201 70 09	1



Light signal with frame

Operating voltage 24 V= – with 4 red LEDs
 Operating temperature -5 ... +40 °C – acoustic call tone switchable on pilot lamp
 – call tone can be set as continuous signal or as pulses
 For visual and acoustic alarms in emergency situations. – with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
 Caution: – call tone received on voltage failure and return
 Always install the device in a clearly visible location. – centre plate for plug-in fixing
 Recommendation: Use deep wall box. – with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 70 09	349
Design	Order no.	PU
polar white glossy	5203 70 09	1



Mains adapter with frame

Operating voltage 24 V= – centre plate for plug-in fixing
 Frequency 50 ... 60 Hz – with screw terminals
 Input voltage 100 ... 240 V~
 Input current max. 180 mA
 Output voltage 24 V=
 Output current max. 250 mA
 Operating temperature -5 ... +40 °C

Suitable for	Order no.	Page
Emergency call set with frame	5200 70 09	349

For the power supply of the emergency call system components with 24 V DC.
 Recommendation: Use deep wall box.



Design	Order no.	PU
polar white glossy	5204 70 09	1

Central plates for hospital installation



Central plate for socket outlet for floating output

Caution!
 Use only with intermediate ring for central plate from the corresponding range.
 For double pole socket outlet for floating output according to DIN 42801

– with imprint		
Suitable for	Order no.	Page
Intermediate rings		page 341
Socket outlet for floating output	1061	682

Design	Order no.	PU
polar white glossy	1403 09	10
anthracite matt	1403 16 06	10



Central plate for 6pole socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Suitable for
Intermediate rings

Order no. Page
page 341

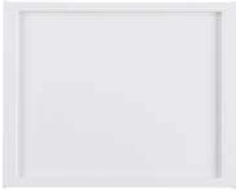
Manufacturer product line Art. no.

Nurse call systems
Ackermann: clino opt 90 / clino phon 95 **71008C**
clino opt 99 **71008C3**

6pole socket outlets
Hirschmann: Medu 600 GSK

Design	Order no.	PU
polar white glossy	1474 09	10
anthracite matt	1474 16 06	10
stainless steel matt, lacquered	1474 04	10

Centre plates for Ackermann inserts



Centre plate for nurse call system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line Art. no.

Nurse call systems
Ackermann: clino opt 90, 99 / clino phon 95 **72642C**
72639A
71197A
72642B

Design	Order no.	PU
polar white glossy	1204 70 09	10



Centre plate with plug-in opening for nurse call systems

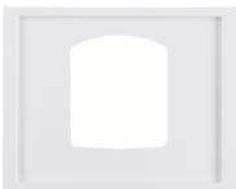
For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line Art. no.

Nurse call systems
Ackermann: clino opt 99 **73070A**

Design	Order no.	PU
polar white glossy	1298 70 09	10



Centre plate for dropping plug-and-socket connector

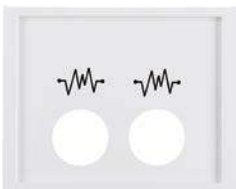
For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing
– a-coded for dropping plug-and-socket connector

Manufacturer product line Art. no.

Nurse call systems
Ackermann: clino opt 99 **74189A**

Design	Order no.	PU
polar white glossy	1305 70 09	10



Centre plate with 2 plug-in openings and imprint, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– for call unit with 2 diagnostic plug-in contacts
– centre plate for plug-in fixing

Manufacturer product line Art. no.

Nurse call systems
Ackermann: clino opt 99 **73075C**
73020G
73021G
73075D

Design	Order no.	PU
polar white glossy	1244 71 09	10



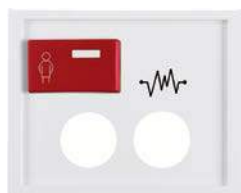
Centre plate with plug-in opening, red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73071E
	73071E2
	73075A
	73073E

Design	Order no.	PU
polar white glossy	1217 70 09	10



Centre plate with 2 plug-in openings, imprint and red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint
- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73071D
	73071D2
	73075B
	73073D

Design	Order no.	PU
polar white glossy	1218 71 09	10



Centre plate with red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73071F
	73071F2
	73073F

Design	Order no.	PU
polar white glossy	1216 70 09	10



Centre plate with red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73022A
	73022A2

Design	Order no.	PU
polar white glossy	1219 70 09	10



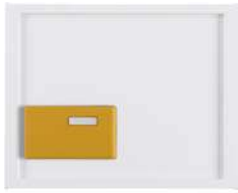
Centre plate with green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73642C

Design	Order no.	PU
polar white glossy	1251 70 09	10



Centre plate with yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73642D

Design	Order no.	PU
polar white glossy	1252 70 09	10



Centre plate with blue button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint
- for call push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

Design	Order no.	PU
polar white glossy	1223 71 09	10



Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73642B2

Design	Order no.	PU
polar white glossy	1249 70 09	10



Centre plate with yellow + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73642E

Design	Order no.	PU
polar white glossy	1253 70 09	10



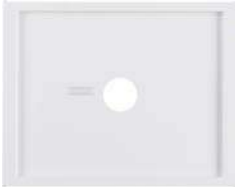

Centre plate with white + green button



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.


- with imprint "SU-AUS WARTEN"
- buttons with lens
- centre plate for plug-in fixing
- for office unit


Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73642B

Design	Order no.	PU
polar white glossy	1299 71 09	10

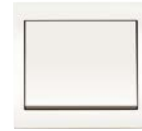
	Centre plate for pneumatic call switch		
	- lens	- centre plate for plug-in fixing	
	For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.	Manufacturer product line	Art. no.
		Nurse call systems	
		Ackermann: clino opt 90, 99 / clino phon 95	70006A
		clino opt 99	70006B
			70006C
Design		Order no.	PU
polar white glossy		1236 70 09	10

	Centre plate for pullcord push-button		
	- lens	- for pullcord push-button with pullcord and knob	
	For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.	- centre plate for plug-in fixing	
		Manufacturer product line	Art. no.
		Nurse call systems	
		Ackermann: clino opt 90, 99 / clino phon 95	70045A3
			70046A3
			70046A
Design		Order no.	PU
polar white glossy		1233 70 09	10

	Centre plate with imprinted symbol curve for small sound system		
		- centre plate for plug-in fixing	
	For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.	- for earpiece and volume control	
		Manufacturer product line	Art. no.
		Nurse call systems	
		Ackermann: clino opt 90, 99 / clino phon 95	73120C
			73120H
Design		Order no.	PU
polar white glossy		1300 71 09	10

	Centre plate with imprint "0 - 1 - 2 - 3 - 4 - 5" for small sound system		
		- centre plate for plug-in fixing	
	For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.	Manufacturer product line	Art. no.
		Nurse call systems	
		Ackermann: clino opt 90, 99 / clino phon 95	73120A
Design		Order no.	PU
polar white glossy		1301 71 09	10

11 Berker K.1 | K.5 Frames



358

12 Berker arsys inserts



370

13 Berker arsys Frames



420

14 Berker R.1 | R.3 | R.8 inserts



428

15 Berker R.1 | R.3 | R.8 Frames



452

16 serie 1930 | glas | R.classic inserts



478

17 serie 1930 | glas | R.classic Frames



522

18 Berker TS



542

19 B.IQ



552

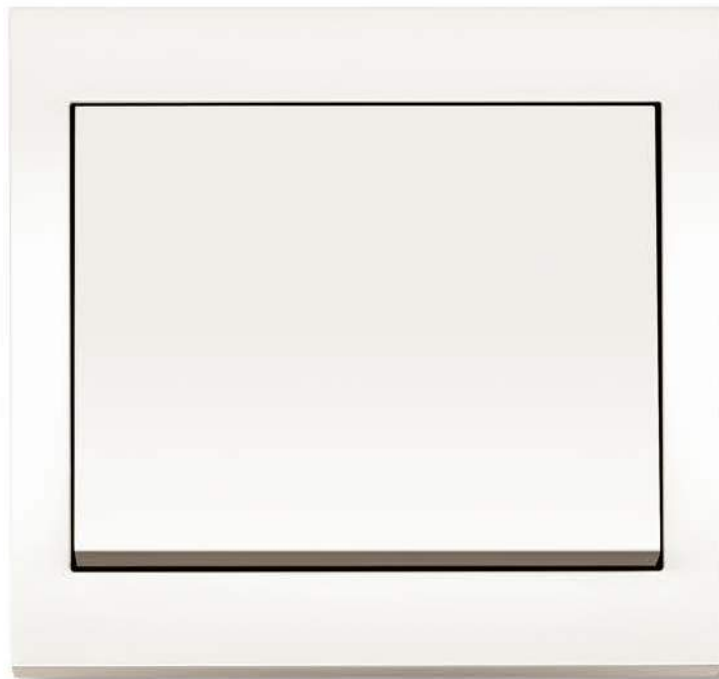
20 Manufaktur



566

Berker K.1 Frames

Berker K.1 is impressive thanks to its linear design, which is perfectly suited to the characteristics of the materials used. In the K.1 range, it is plastic which lends the frames and centre plates a functional and simple – yet high-quality – design; this material is available in glossy polar white or matt lacquered anthracite.



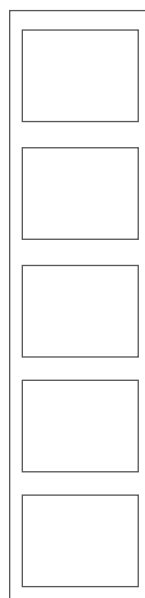
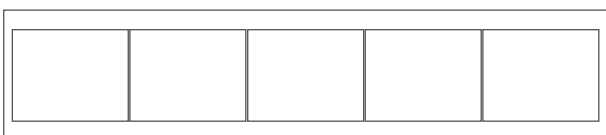
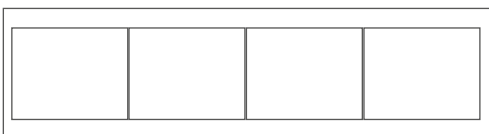
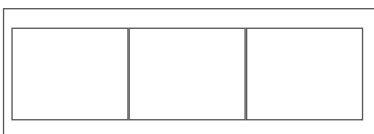
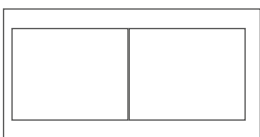
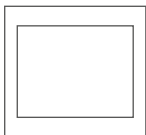
11

Page

Berker K.1 Frames	362
Surface-mounted housing	363

Berker K.1

Product examples

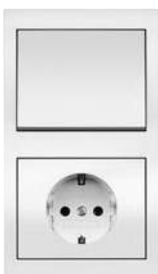


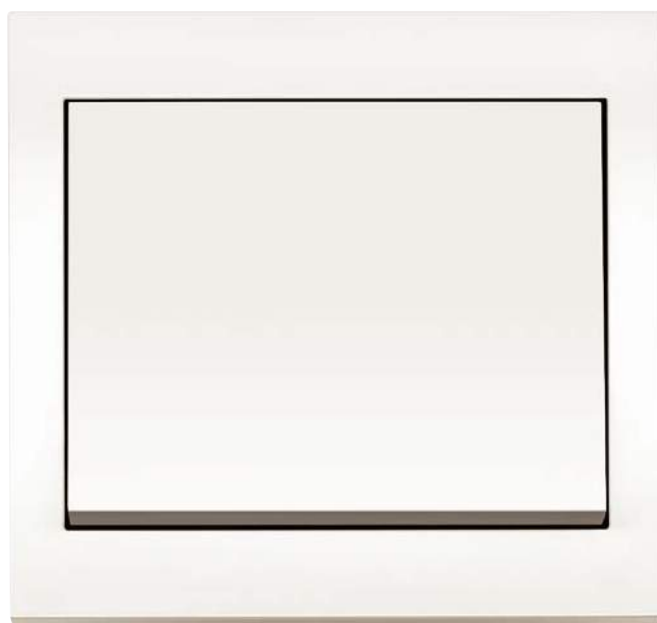
Dimensions

Frames 1gang
B 87 x H 80.5 mm, 1gang

Frames 2-5gang, horizontal
B 158 x H 80.5 mm, 2gang
B 229 x H 80.5 mm, 3gang
B 300 x H 80.5 mm, 4gang
B 371 x H 80.5 mm, 5gang

Frames 2-5gang, vertical
H 151.5 x B 87 mm, 2gang
H 222.5 x B 87 mm, 3gang
H 293.5 x B 87 mm, 4gang
H 364.5 x B 87 mm, 5gang






Frames / Covers / Central inserts


Plastic, glossy


Polar white similar to RAL 9010
Red similar to RAL 3003
Green similar to RAL 6029
Orange similar to RAL 2003
Plastic, matt lacquered
Anthracite, similar to RAL 7021



Frames

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

	Frame		Order no.	Page
	Support plate thickness	max. 2 mm		
	Design	Order no.		PU
	polar white glossy, 1gang	1313 70 09		10
	polar white glossy, 2gang vertical	1323 70 09		2
	polar white glossy, 3gang vertical	1333 70 09		2
	polar white glossy, 4gang vertical	1343 70 09		2
	polar white glossy, 5gang vertical	1353 70 09		2
	polar white glossy, 2gang horizontal	1363 70 09		2
	polar white glossy, 3gang horizontal	1373 70 09		2
	polar white glossy, 4gang horizontal	1383 70 09		2
	polar white glossy, 5gang horizontal	1393 70 09		2

	Frame		Order no.	Page
	Support plate thickness	max. 2 mm		
	Design	Order no.		PU
	anthracite matt, lacquered, 1gang	1313 70 06		10
	anthracite matt, lacquered, 2gang vertical	1323 70 06		10
	anthracite matt, lacquered, 3gang vertical	1333 70 06		2
	anthracite matt, lacquered, 4gang vertical	1343 70 06		2
	anthracite matt, lacquered, 5gang vertical	1353 70 06		2
	anthracite matt, lacquered, 2gang horizontal	1363 70 06		10
	anthracite matt, lacquered, 3gang horizontal	1373 70 06		2
	anthracite matt, lacquered, 4gang horizontal	1383 70 06		2
	anthracite matt, lacquered, 5gang horizontal	1393 70 06		2

Frames with large cut-out

- for vertical mounting
- not suitable for surface-mounted housing

	Frame with large cut-out		Order no.	Page
	Support plate thickness	max. 2 mm		
	Design	Order no.		PU
	polar white glossy	1309 70 09		1

	Frame with large cut-out		Order no.	Page
	Support plate thickness	max. 2 mm		
	Design	Order no.		PU
	anthracite matt, lacquered	1309 70 06		1

Surface-mounted housing



Surface-mounted housing

Installation depth

36 mm

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

Suitable for optional Entries/connectors

Order no.

Page

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Design	Order no.	PU
polar white glossy, 1gang	1041 70 09	10
polar white glossy, 2gang vertical	1042 70 09	2
polar white glossy, 3gang vertical	1043 70 09	5
polar white glossy, 2gang horizontal	1052 70 09	5
polar white glossy, 3gang horizontal	1053 70 09	5
anthracite matt, lacquered, 1gang	1041 70 06	10
anthracite matt, lacquered, 2gang vertical	1042 70 06	5
anthracite matt, lacquered, 3gang vertical	1043 70 06	5
anthracite matt, lacquered, 2gang horizontal	1052 70 06	5
anthracite matt, lacquered, 3gang horizontal	1053 70 06	5

Berker K.5 Frames

Berker K.5 is impressive thanks to its linear design, which is perfectly suited to the characteristics of the materials used. The K.5 is available in shimmering matt stainless steel or fully anodised aluminium. Both of these materials produce a clear and elegant appearance.



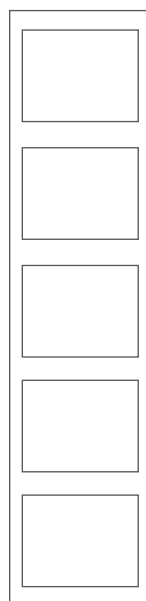
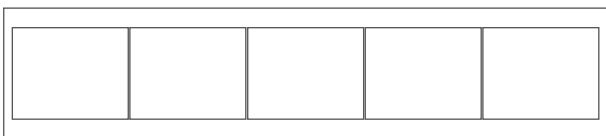
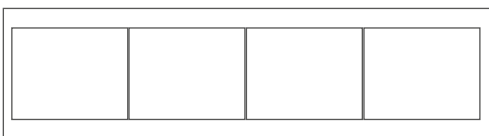
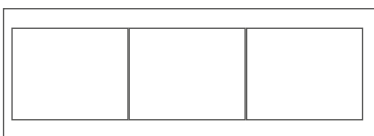
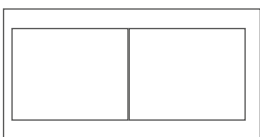
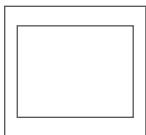
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Berker K.5

Product examples



Dimensions

Frames 1gang
B 87 x H 80.5 mm, 1gang

Frames 2-5gang, horizontal
B 158 x H 80.5 mm, 2gang
B 229 x H 80.5 mm, 3gang
B 300 x H 80.5 mm, 4gang
B 371 x H 80.5 mm, 5gang

Frames 2-5gang, vertical
H 151.5 x B 87 mm, 2gang
H 222.5 x B 87 mm, 3gang
H 293.5 x B 87 mm, 4gang
H 364.5 x B 87 mm, 5gang





Frames / Covers / Central inserts

Metal, anodised

Aluminium (according to E6EV1)

Metal, matt

Stainless steel

Individual items that cannot be coated
for technical reasons are lacquered.



Frames

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

	Frame		Suitable for optional Sealings IP44	Order no.	Page
	Support plate thickness	max. 2 mm			
	Design	Order no.			PU
	alu, aluminium anodised, 1gang	1313 70 03			10
	alu, aluminium anodised, 2gang vertical	1323 70 03			2
	alu, aluminium anodised, 3gang vertical	1333 70 03			2
	alu, aluminium anodised, 4gang vertical	1343 70 03			2
	alu, aluminium anodised, 5gang vertical	1353 70 03			2
	alu, aluminium anodised, 2gang horizontal	1363 70 03			2
	alu, aluminium anodised, 3gang horizontal	1373 70 03			2
	alu, aluminium anodised, 4gang horizontal	1383 70 03			2
	alu, aluminium anodised, 5gang horizontal	1393 70 03			2

	Frame		Suitable for optional Sealings IP44	Order no.	Page
	Support plate thickness	max. 2 mm			
	Design	Order no.			PU
	stainless steel, metal matt finish, 1gang	1313 70 04			10
	stainless steel, metal matt finish, 2gang vertical	1323 70 04			2
	stainless steel, metal matt finish, 3gang vertical	1333 70 04			2
	stainless steel, metal matt finish, 4gang vertical	1343 70 04			2
	stainless steel, metal matt finish, 5gang vertical	1353 70 04			2
	stainless steel, metal matt finish, 2gang horizontal	1363 70 04			2
	stainless steel, metal matt finish, 3gang horizontal	1373 70 04			2
	stainless steel, metal matt finish, 4gang horizontal	1383 70 04			2
	stainless steel, metal matt finish, 5gang horizontal	1393 70 04			2

Frames with large cut-out

- for vertical mounting
- not suitable for surface-mounted housing

	Frame with large cut-out		Suitable for	Order no.	Page
	Design	Order no.			
			Push-button 4gang	8016 47 74	743
			Push-button 3gang with thermostat	7566 37 74	785
			Push-button 5gang with thermostat	7566 57 74	785
	alu, aluminium anodised	1309 70 03			1

	Frame with large cut-out		Suitable for	Order no.	Page
	Design	Order no.			
			Push-button 4gang	8016 47 73	743
			Push-button 3gang with thermostat	7566 37 73	785
			Push-button 5gang with thermostat	7566 57 73	785
	stainless steel, metal matt finish	1309 70 04			1

Surface-mounted housing



Surface-mounted housing

Installation depth

36 mm

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

Design	Order no.	PU
aluminium matt, lacquered, 1gang	1041 70 03	10
aluminium matt, lacquered, 2gang vertical	1042 70 03	5
aluminium matt, lacquered, 3gang vertical	1043 70 03	5
aluminium matt, lacquered, 2gang horizontal	1052 70 03	5
aluminium matt, lacquered, 3gang horizontal	1053 70 03	5
stainless steel matt, lacquered, 1gang	1041 70 04	10
stainless steel matt, lacquered, 2gang vertical	1042 70 04	5
stainless steel matt, lacquered, 3gang vertical	1043 70 04	5
stainless steel matt, lacquered, 2gang horizontal	1052 70 04	5
stainless steel matt, lacquered, 3gang horizontal	1053 70 04	5

Berker arsys Inserts

The right product for every interior: Berker arsys is offering a diverse selection of materials and colours – from glossy brown plastic and matt lacquered aluminium in light bronze to shimmering matt stainless steel.



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SCHUKO socket outlets

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

SCHUKO socket outlets



SCHUKO socket outlet

Rated voltage 250 V~ - with plug-in terminals
Rated current 16 A

▶ 895

Design	Order no.	PU
white glossy	4715 00 02	10
polar white glossy	4715 00 69	10
brown glossy	4715 00 01	10
light bronze matt, aluminium lacquered	4714 00 01	10
stainless steel, metal matt finish	4714 00 04	10
gold matt, aluminium anodised	4714 00 02	10



SCHUKO socket outlet

- enhanced contact protection - with plug-in terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	4735 00 02	10
polar white glossy	4735 00 69	10
brown glossy	4735 00 01	10
light bronze matt, aluminium lacquered	4734 00 01	10
stainless steel, metal matt finish	4734 00 04	10
gold matt, aluminium anodised	4734 00 02	10



SCHUKO socket outlet

- screw-in lift terminals - with screw-in lift terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	4115 00 02	10
polar white glossy	4115 00 69	10
brown glossy	4115 00 01	10
light bronze matt, aluminium lacquered	4114 00 01	10
stainless steel, metal matt finish	4114 00 04	10



SCHUKO socket outlet

- enhanced contact protection - with screw-in lift terminals
- screw-in lift terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
brown glossy	4135 00 01	10
white glossy	4135 00 02	10
polar white glossy	4135 00 69	10
light bronze matt, aluminium lacquered	4134 00 01	10
stainless steel, metal matt finish	4134 00 04	10
gold matt, aluminium anodised	4134 00 02	10





SCHUKO socket outlet 45°

▶ 895

Rated voltage 250 V~ – for diagonal installation
 Rated current 16 A – with plug-in terminals

Specially suited for combining several socket outlets if right angle plugs are used.

Design	Order no.	PU
white glossy	4728 00 02	10
polar white glossy	4728 00 69	10
brown glossy	4728 00 01	10



SCHUKO socket outlet

- labelling field

– with plug-in terminals

▶ 895



Rated voltage 250 V~
 Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	4739 00 02	10
polar white glossy	4739 00 69	10
brown glossy	4739 00 01	10
stainless steel matt, lacquered	4739 90 04	10



SCHUKO socket outlet

- labelling field

– with plug-in terminals

- enhanced contact protection

▶ 895



Rated voltage 250 V~
 Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	4738 00 02	10
polar white glossy	4738 00 69	10
brown glossy	4738 00 01	10





SCHUKO socket outlet with LED orientation light

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0.25 W/0.35 VA
Switch-on brightness	ca. 2 lx
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Conductor cross-section (rigid)	max. 2.5 mm ²

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
white glossy	4109 00 02	10
polar white glossy	4109 00 69	10
light bronze, lacquered	4109 90 11	10
stainless steel, lacquered	4109 90 04	10



SCHUKO socket outlet with control LED

▶ 895

- labelling field
- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

- with screw-in lift terminals

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	4110 00 02	10
polar white glossy	4110 00 69	10



Double SCHUKO socket outlet with frame

▶ 895

Rated voltage	250 V~	- with plug-in terminals
Rated current	16 A	
Assembling height	22 mm	

For installation in 1gang wall boxes according to DIN 49073-1

Design	Order no.	PU
white glossy	4753 00 02	10
polar white glossy	4753 00 69	10
brown glossy	4753 00 01	10





Double SCHUKO socket outlet with frame

▶ 895

- enhanced contact protection

- with plug-in terminals



Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to DIN 49073-1

Design	Order no.	PU
white glossy	4729 00 02	10
polar white glossy	4729 00 69	10
brown glossy	4729 00 01	10
light bronze matt, lacquered	4729 90 11	10
stainless steel matt, lacquered	4729 90 04	10



SCHUKO socket outlets with hinged cover



SCHUKO socket outlet with hinged cover

▶ 895

- enhanced contact protection

- when opening hinged cover, it can be arrested in end position

- installation position variable in 45° steps

- with imprint

- with plug-in terminals



Rated voltage	250 V~
Rated current	16 A

Specially suited for combining several socket outlets if right angle plugs are used.

Design	Order no.	PU
white glossy	4747 00 02	10
polar white glossy	4747 00 69	10
brown glossy	4747 00 01	10
light bronze matt, aluminium lacquered	4757 00 01	10
stainless steel, metal matt finish	4757 00 04	10
gold matt, aluminium anodised	4757 00 02	10



SCHUKO socket outlet with hinged cover

▶ 895

- labelling field

- when opening hinged cover, it can be arrested in end position

- enhanced contact protection

- with imprint

- installation position variable in 45° steps

- with plug-in terminals




Rated voltage	250 V~
Rated current	16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.


Labelling field height designed for 6 mm P-touch strips.


Design	Order no.	PU
white glossy	4748 00 02	10
polar white glossy	4748 00 69	10
brown glossy	4748 00 01	10
light bronze matt, aluminium lacquered	4758 00 01	10
stainless steel, metal matt finish	4758 00 04	10
gold matt, aluminium anodised	4758 00 02	10





	SCHUKO socket outlet with hinged cover			▶ 895
	Rated voltage	250 V~	– with imprint	
	Rated current	16 A	– with plug-in terminals	
	Degree of protection IP44 is provided only with sealing set order no. 1010 00.		Suitable for Sealing set for Arsys IP44 devices	Order no. 1010 00
				Page 412

	Design	Order no.	PU
	stainless steel, metal matt finish	4758 10 04	10


	SCHUKO socket outlet with hinged cover			▶ 895
	- enhanced contact protection			
			– with imprint	
			– with plug-in terminals	
			Suitable for Sealing set for Arsys IP44 devices	Order no. 1010 00
				Page 412
	Rated voltage	250 V~		
	Rated current	16 A		
	Degree of protection IP44 is provided only with sealing set order no. 1010 00.			

	Design	Order no.	PU
	stainless steel, metal matt finish	4758 30 04	10

	SCHUKO socket outlet with hinged cover			▶ 895
	- labelling field			
			– with imprint	
			– with plug-in terminals	
			Suitable for Sealing set for Arsys IP44 devices	Order no. 1010 00
				Page 412
	Rated voltage	250 V~		
	Rated current	16 A		
	Labelling field height arranged for P-touch strips 6 mm.			
	Degree of protection IP44 is provided only with sealing set order no. 1010 00.			

	Design	Order no.	PU
	stainless steel, metal matt finish	4758 20 04	10

SCHUKO socket outlets for special applications

	SCHUKO socket outlet			▶ 895
	Rated voltage	250 V~	– with plug-in terminals	
	Rated current	16 A		
	Insert colour-coded.			

	Design	Order no.	PU
	red glossy	4715 00 62	10



SCHUKO socket outlet

- labelling field
- enhanced contact protection

- with plug-in terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.



Design	Order no.	PU
green glossy	4738 00 63	10



SCHUKO socket outlet with imprint

Rated voltage 250 V~
Rated current 16 A
Insert colour-coded.

- with imprint
- with plug-in terminals

▶ 895

Design

Order no.

PU

red glossy, imprint "EDV"	4715 00 82	10
green glossy, imprint "SV"	4715 00 73	10
orange glossy, imprint "ZSV"	4715 00 77	10



SCHUKO socket outlet with control LED and imprint

- labelling field
- enhanced contact protection
- screw-in lift terminals

- with screw-in lift terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height arranged for P-touch strips 6 mm.

Execution SV, ZSV according to VDE 0100-710

Design	Order no.	PU
red glossy, imprint "EDV"	4110 00 82	10
green glossy, imprint "SV"	4110 00 73	10
orange glossy, imprint "ZSV"	4110 00 77	10



Safety devices flush-mounted

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection

▶ 894

- labelling field
- screw terminals

- with imprint
- with indicator LED for "on/error"
- with acoustic fault signal



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Installation depth	32 mm

Labelling field height arranged for P-touch strips 6 mm.
Connection terminals according to IEC 60884-1
Overvoltage protection according to EN 61643 and VDE 0675-6-11

Design	Order no.	PU
white glossy	4152 00 02	1
polar white glossy	4152 00 69	1
brown glossy	4152 00 01	1
stainless steel matt, lacquered	4152 90 04	1



Covers for protection switch



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with adapter ring for centre plate 50 x 50 mm from the corresponding range.

Suitable for	Order no.	Page
Adapter rings for centre plates 50 x 50 mm	2844 01	page 408
Residual current circuit-breaker		35

Design	Order no.	PU
white glossy	1496 02	1
polar white glossy	1496 09	1
brown glossy	1496 01	1
light bronze matt, lacquered	1496 11	1
stainless steel matt, lacquered	1496 04	1

International socket outlet systems

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

Socket outlets without earthing contact



Socket outlet without earthing contact

▶ 895

- screw terminals

- 2-pole
- without spreader claws
- with screw terminals



Rated voltage	250 V~
Rated current	16 A
Mirror depth	8 mm

Design	Order no.	PU
white glossy	61 6115 00 02	10
polar white glossy	61 6115 00 69	10
brown glossy	61 6115 00 01	10
light bronze matt, aluminium lacquered	61 6114 00 01	10
stainless steel, metal matt finish	61 6114 00 04	10





Socket outlet without earthing contact

▶ 895

- enhanced contact protection
- screw terminals
- 2pole
- without spreader claws
- with screw terminals



Rated voltage 250 V~
Rated current 16 A
Mirror depth 8 mm

Design	Order no.	PU
white glossy	61 6115 01 02	10
polar white glossy	61 6115 01 69	10
brown glossy	61 6115 01 01	10
light bronze matt, aluminium lacquered	61 6114 01 01	10
stainless steel, metal matt finish	61 6114 01 04	10



Socket outlets with earthing pin



Socket outlet with earthing pin

▶ 895

- enhanced contact protection
- 2pole + earth
- with plug-in terminals



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	67 6875 00 02	10
polar white glossy	67 6875 00 69	10
brown glossy	67 6875 00 01	1
light bronze matt, aluminium lacquered	67 6874 00 01	10
stainless steel, metal matt finish	67 6874 00 04	10



Socket outlet with earthing pin

▶ 895

- enhanced contact protection
- screw-in lift terminals
- 2pole + earth
- with screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	67 6575 00 02	10
polar white glossy	67 6575 00 69	10
brown glossy	67 6575 00 01	10
light bronze matt, aluminium lacquered	67 6574 00 01	10
stainless steel, metal matt finish	67 6574 00 04	10



Socket outlet with earth contact pin and monitoring LED

▶ 895

- enhanced contact protection
- screw-in lift terminals
- 2pole + earth
- with screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	67 6509 00 02	10
polar white glossy	67 6509 00 69	10

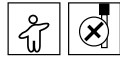




Socket outlet with earthing pin and LED orientation light

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0.25 W/0.35 VA
Switch-on brightness	ca. 2 lx
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Conductor cross-section (rigid)	max. 2.5 mm ²

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- 2pole + earth
- through-wiring possible, therefore also ideal for retro-fitting
- with screw-in lift terminals

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
white glossy	67 6510 00 02	10
polar white glossy	67 6510 00 69	10
light bronze, lacquered	67 6510 90 11	10
stainless steel, lacquered	67 6510 90 04	10



Socket outlets with earthing pin for special applications



Socket outlet with earthing pin

▶ 895

- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A

Insert colour-coded.

- 2pole + earth
- with plug-in terminals

Design	Order no.	PU
red glossy	67 6875 00 62	10
green glossy	67 6875 00 63	10



Socket outlet with earthing pin

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

Insert colour-coded.

- 2pole + earth
- with screw-in lift terminals

Design	Order no.	PU
red glossy	67 6575 00 62	10
green glossy	67 6575 00 63	10





Socket outlet with earth contact pin and monitoring LED

▶ 895

- enhanced contact protection
- screw-in lift terminals
- 2pole + earth
- with screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
red glossy	67 6509 00 82	10
green glossy	67 6509 00 73	10
orange glossy	67 6509 00 77	10



BRITISH STANDARD socket outlets



Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

▶ 895

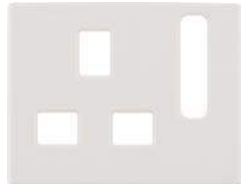
- enhanced contact protection
- screw terminals
- 2pole + earth
- without spreader claws
- with screw terminals



Rated voltage 250 V~
Rated current 13 A

Suitable for Centre plate for socket outlets, British Standard, can be switched off
Order no.
Page page 381

Design	Order no.	PU
white glossy	5342 02 12	10
polar white glossy	5342 02 19	10
anthracite matt	5342 02 16	10
brown glossy	5342 02 11	10



Centre plate for socket outlets, British Standard, can be switched off

Suitable for Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off
Order no.
Page page 381

Design	Order no.	PU
white glossy	33 1307 00 02	10
polar white glossy	33 1307 00 69	10
light bronze matt, aluminium lacquered	33 1307 00 01	10
stainless steel, metal matt finish	33 1307 00 04	10

NEMA-socket outlets



Socket outlet with earthing contact USA/CANADA NEMA 5-15 R

▶ 895

- screw terminals
- 2pole + earth
- without spreader claws
- with screw terminals



Rated voltage 125 V~
Rated current 15 A

Not UL-certified.
Standard NEMA 5-15 R

Design	Order no.	PU
white glossy	4167 00 02	10
polar white glossy	4167 00 69	10
light bronze matt, lacquered	4167 90 11	10
stainless steel matt, lacquered	4167 90 04	10





**Socket outlet with earthing contact USA/CANADA
NEMA 5-20 R**

▶ 895

- screw terminals



- 2pole + earth
- without spreader claws
- with screw terminals

Rated voltage 125 V~
Rated current 20 A

Not UL-certified.
Standard NEMA 5-20 R

Design	Order no.	PU
white glossy	4169 00 02	10
polar white glossy	4169 00 69	10
light bronze matt, lacquered	4169 90 11	10
stainless steel matt, lacquered	4169 90 04	10



Covers for switches/push-buttons

Rockers



Rocker

Design	Suitable for	Order no.	Page
	Rocker switches Rocker push-buttons		page 20 page 20
Design	Order no.		PU
white glossy	1405 00 02		10
polar white glossy	1405 00 69		10
brown glossy	1405 00 01		10
light bronze matt, aluminium lacquered	1404 00 01		10
stainless steel, metal matt finish	1404 00 04		10
gold matt, aluminium anodised	1404 00 02		10



Rocker screw-on

- with cover plug for screw fitting

Design	Suitable for	Order no.	Page
	Rocker switches Rocker push-buttons		page 20 page 20
Design	Order no.		PU
stainless steel, metal matt finish	1404 00 10		10



Rocker with imprint "IP44"

Degree of protection IP44 is provided only with sealing set order no. 1010 00.

Design	Suitable for	Order no.	Page
	Rocker switches Rocker push-buttons Sealing set for Arsys IP44 devices	1010 00	page 20 page 20 412
Design	Order no.		PU
stainless steel, metal matt finish	1424 10 04		10



Rocker

- labelling field



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Design	Order no.	PU
white glossy	1426 00 02	10
polar white glossy	1426 00 69	10
brown glossy	1426 00 01	10
light bronze matt, aluminium lacquered	1436 00 01	10
stainless steel, metal matt finish	1436 00 04	10
gold matt, aluminium anodised	1436 00 02	10



Rocker with imprint "IP44"

- labelling field



Degree of protection IP44 is provided only with sealing set order no. 1010 00.

Suitable for
Rocker switches
Rocker push-buttons
Sealing set for Arsys IP44 devices

Order no.

Page
page 20
page 20
page 212

Design	Order no.	PU
stainless steel, metal matt finish	1436 10 04	10



Rocker

- full-surface labelling field



For labelling with names, notes etc.

Labelling field height designed for two 24 mm P-touch strips.

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Design	Order no.	PU
clear, with white labelling field	1487 00	10



Rocker

- lens



Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

– for illumination and monitoring circuit

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Design	Order no.	PU
white glossy	1415 00 02	10
polar white glossy	1415 00 69	10
brown glossy	1415 00 01	10
light bronze matt, aluminium lacquered	1416 00 01	10
stainless steel, metal matt finish	1416 00 04	10
gold matt, aluminium anodised	1416 00 02	10



Rocker screw-on

- lens



Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

– for illumination and monitoring circuit
– with cover plug for screw fitting

Suitable for
Rocker switches
Rocker push-buttons

Order no.

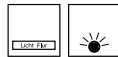
Page
page 20
page 20

Design	Order no.	PU
stainless steel, metal matt finish	1414 00 10	10



Rocker

- labelling field
- lens



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.
Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

– for illumination and monitoring circuit

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Design	Order no.	PU
white glossy	1415 02 02	10
polar white glossy	1415 02 69	10
brown glossy	1415 02 01	10
light bronze matt, aluminium lacquered	1416 02 01	10
stainless steel, metal matt finish	1416 02 04	10

Rockers for multi-pole rocker switches



Rocker with imprint "0"

Suitable for
Multi-pole rocker switches

Order no.

Page
page 26

Design	Order no.	PU
white glossy	1425 00 02	10
polar white glossy	1425 00 69	10
brown glossy	1425 00 01	10
light bronze matt, aluminium lacquered	1424 00 01	10
stainless steel, metal matt finish	1424 00 04	10
gold matt, aluminium anodised	1424 00 02	10



Rocker with imprint "0"

- red lens



– for illumination and monitoring circuit

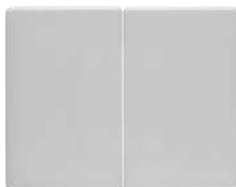
Suitable for
Multi-pole rocker switches

Order no.

Page
page 26

Design	Order no.	PU
brown glossy	1417 00 01	10
white glossy	1417 00 02	10
polar white glossy	1417 00 69	10
light bronze matt, aluminium lacquered	1418 00 01	10
stainless steel, metal matt finish	1418 00 04	10
gold matt, aluminium anodised	1418 00 02	10

Multiple Rockers



Rocker 2gang

- for rockers switches
- for rockers push-buttons and group rockers push-buttons

Suitable for
Rocker switches, 2gang
Series push-buttons

Order no.

Page
page 29
page 29

Design	Order no.	PU
white glossy	1435 00 02	10
polar white glossy	1435 00 69	10
brown glossy	1435 00 01	10
light bronze matt, aluminium lacquered	1434 00 01	10
stainless steel, metal matt finish	1434 00 04	10
gold matt, aluminium anodised	1434 00 02	10



Rocker 2gang, screw-on

- with cover plug for screw fitting
- for rockers switches
- for rockers push-buttons and group rockers push-buttons

Design	Order no.	Page
stainless steel, metal matt finish	1434 00 10	10

Suitable for
Rocker switches, 2gang
Series push-buttons

Order no. 6330 23

Page page 29



Rocker 2gang

- red lens



- for illumination and monitoring circuit
- for rockers switches
- for rockers push-buttons and group rockers push-buttons

Design	Order no.	Page
white glossy	1437 00 02	10
polar white glossy	1437 00 69	10
brown glossy	1437 00 01	10

Suitable for
Rocker switches, 2gang
Series push-buttons



Rocker 3gang

Design	Order no.	Page
white glossy	1465 00 02	10
polar white glossy	1465 00 69	10
brown glossy	1465 00 01	10
light bronze matt, lacquered	1465 90 11	10
stainless steel matt, lacquered	1465 90 04	10

Suitable for
On/off switch 3gang

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

Design	Order no.	Page
white glossy	1147 00 02	10
polar white glossy	1147 00 69	10
brown glossy	1147 00 01	10
light bronze matt, lacquered	1147 90 11	10
stainless steel matt, lacquered	1147 90 04	10

Suitable for
Pullcord switches/pullcord push-buttons

Centre plates for key switches/key push-buttons



Centre plate for key switch/key push-button

- for master-key systems

Design	Order no.	Page
white glossy	1505 00 12	10
polar white glossy	1505 00 79	10
brown glossy	1505 00 11	10
light bronze matt, lacquered	1505 90 21	10
stainless steel matt, lacquered	1505 90 14	10

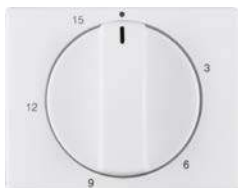
Suitable for
Key switches/key push-buttons
Lock cylinder

Order no. 1818 ..

Page page 33

Timers

Centre plates for mechanical timer



Centre plate for mechanical timer

Design

with time scale 15 min

white glossy

Suitable for
Mechanical timer

Order no.

Page
page 49

Order no.

PU

polar white glossy

1634 00 02

1

brown glossy

1634 00 69

1

light bronze matt, aluminium lacquered

1634 00 01

1

stainless steel, metal matt finish

1634 01 01

1

gold/polar white, matt/glossy, aluminium anodised

1634 01 04

1

with time scale 120 min

1634 01 02

1

white glossy

1635 00 02

1

polar white glossy

1635 00 69

1

brown glossy

1635 00 01

1

light bronze matt, aluminium lacquered

1635 01 01

1

stainless steel, metal matt finish

1635 01 04

1

gold/polar white, matt/glossy, aluminium anodised

1635 01 02

1



Timer comfort

- display

- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme



Suitable for
Insert for timer

Order no.
2948

Page
52

Design

Order no.

PU

white glossy

× **1736 00 02**

1

polar white glossy

× **1736 00 69**

1

brown glossy

× **1736 00 01**

1

light bronze matt, lacquered

× **1736 90 11**

1

stainless steel matt, lacquered

× **1736 90 04**

1



Timer Easy

- display

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode



Suitable for
Insert for timer

Order no.
2948

Page
52

Design

Order no.

PU

white glossy

× **1735 00 02**

1

polar white glossy

× **1735 00 69**

1

brown glossy

× **1735 00 01**

1

light bronze matt, lacquered

× **1735 90 11**

1

stainless steel matt, lacquered

× **1735 90 04**

1



Covers for dimmers

Centre plates for rotary dimmers



Centre plate for rotary dimmer/rotary potentiometer

- setting knob



Axis dimension Ø 4 mm

Suitable for
Rotary dimmers
Rotary potentiometers DALI
1-10 V Rotary potentiometers

Order no.
Page
page 44
page 46
page 47

Design	Order no.	PU
white glossy	1135 00 02	10
polar white glossy	1135 00 69	10
brown glossy	1135 00 01	10
light bronze matt, aluminium lacquered	1134 00 01	10
stainless steel, metal matt finish	1134 00 04	10
gold matt, aluminium anodised	1134 00 02	10

BLC - Berker Light Control

BLC switches



BLC triac insert (R, L)

Operating voltage 230 V~
Frequency 50/60 Hz
230 V incandescent lamps and halogen lamps 40 ... 400 W
Dimmable conventional transformers 40 ... 400 VA
Operating temperature -20 ... +45 °C

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

Light scene function (On/Off) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

Suitable for
BLC application modules

Order no.
Page
page 391



Design	Order no.	PU
BLC triac insert (R, L)	× 2905	1



BLC tronic insert (R, C)

Operating voltage 230 V~
Frequency 50/60 Hz
230 V incandescent lamps and halogen lamps 50 ... 420 W
Electronic transformers 50 ... 420 W
Operating temperature -20 ... +45 °C

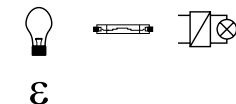
- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-off
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- with screw terminals

Light scene function (On/Off) in conjunction with BLC radio button.

For trouble-free operation, we recommend Berker Tronic transformers.

Suitable for
BLC application modules

Order no.
Page
page 391

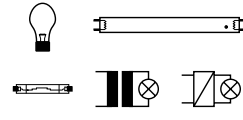


Design	Order no.	PU
BLC tronic insert (R, C)	× 2916	1



BLC relay insert

Operating voltage	230 V~	– when cover is detached, the switch status is retained (wallpaper function)
Frequency	50/60 Hz	
230 V incandescent lamps and halogen lamps	2300 W	– also usable as push-button relay switch
Conventional transformers	1000 VA	– with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
Electronic transformers	1500 W	– with screw terminals
Fluorescent lamps:		
- uncompensated	1200 VA	
- parallel compensated	920 VA	
- in Duo circuit	2300 VA	
Operating temperature	-20 ... +45 °C	
Installation depth	22 mm	



μ

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Not suitable for installation in surface-mounted housing.



Design	Order no.	PU
BLC relay insert	× 2906	1

Suitable for BLC application modules Order no. Page
page 391



BLC relay insert

- **potential-free contact**

		– when cover is detached, the switch status is retained (wallpaper function)
		– also usable as push-button relay switch
		– with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
		– potential-free contact for function extra-low voltage FELV (only change-over voltage) suitable
		– with screw terminals
Operating voltage	230 V~	
Frequency	50/60 Hz	
Minimum load (at 12 V)	100 mA	
230 V incandescent lamps	800 W	
230 V halogen lamps	750 W	
Operating temperature	+5 ... +35 °C	

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Not suitable for installation in surface-mounted housing.



Design	Order no.	PU
BLC relay insert	× 2906 10	1

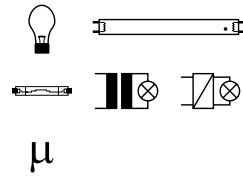
Suitable for BLC application modules Order no. Page
page 391



BLC relay insert HVAC

Operating voltage	230 V~
Frequency	50/60 Hz
Motor switching current (HLK channel)	2.1 A
230 V incandescent lamps (HVAC-channel)	800 W
230 V halogen lamps (HVAC-channel)	750 W
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- uncompensated	500 VA
- in Duo circuit	1000 VA
Switch on delay HVAC-channel	0/3 min
HVAC-channel adjustable	≈ 2/10/30/60/120 min

- when cover is detached, the switch status is retained (wallpaper function)
- switch on delay for HVAC channel can be activated/deactivated permanently with BLC button
- also usable as push-button relay switch
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- with delay time HVAC relay contact for e.g. valve drive, thermostat, fan ...
- with screw terminals



Suitable for BLC application modules
Order no.
Page page 391

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Not suitable for installation in surface-mounted housing.



Design	Order no.	PU
BLC relay insert HVAC	× 2912	1

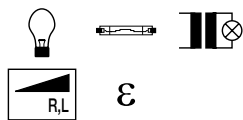
BLC dimmers



BLC touch dimmer (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Operating temperature	-20 ... +45 °C

- when cover is detached, the switch status is retained (wallpaper function)
- switch-on brightness memory function
- bulb-preserving soft startup
- phase cut-on
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals



Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

Suitable for BLC application modules
Order no.
Page page 391



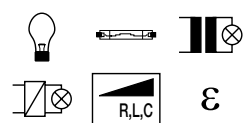
Design	Order no.	PU
BLC touch dimmer (R, L)	× 2904	1



BLC universal touch dimmer (R, L, C)

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Operating temperature	-20 ... +45 °C
Installation depth	22 mm

- when cover is detached, the switch status is retained (wallpaper function)
- switch-on brightness level can be stored safe after power failure
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- with screw terminals



Do not connect conventional transformers together with electronic transformers.

Suitable for BLC application modules
Order no.
Page page 391



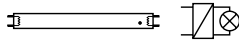
Design	Order no.	PU
BLC universal touch dimmer (R, L, C)	× 2902	1



BLC 1 - 10 V touch control unit

Operating voltage	230 V~	<ul style="list-style-type: none"> - when cover is detached, the switch status is retained (wallpaper function) - e.g. for fluorescent lamps and LV halogen lamps - switch-on brightness level can be stored safe after power failure - basic brightness programmable - for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W - with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact - with screw terminals
Frequency	50/60 Hz	
Switching current	3.04 A	
Control current	50 mA	
Operating temperature	+5 ... +35 °C	

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.



In case of excessive switch-on currents use switch-on current limiters order no. 185.

μ

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

When using LV halogen lamps, we recommend Berker 1 - 10 V Tronic transformers, 105 W, order no. 2977.

Not suitable for installation in surface-mounted housing. Interface according to DIN EN 61347-2-3

Suitable for	Order no.	Page
BLC application modules		page 391



Design	Order no.	PU
BLC 1 - 10 V touch control unit	× 2903	1

BLC extension units



BLC extension unit

Operating voltage	230 V~	<ul style="list-style-type: none"> - with screw terminals
Frequency	50/60 Hz	
Installation depth	22 mm	

Suitable for	Order no.	Page
BLC push-button	1761 ..	391



Design	Order no.	PU
BLC extension unit	× 2907	1



BLC extension unit for motion detector

Operating voltage	230 V~	<ul style="list-style-type: none"> - with screw terminals
Frequency	50/60 Hz	
Number of extension units (for order no. 2902)	max. 5	
Number of substations	max. 10	<ul style="list-style-type: none"> Suitable for BLC controller comfort 1.1 m BLC controller 1.1 m BLC controller 2.2 m
Cable length between main unit and extension unit	max. 100 m	
Installation depth	22 mm	

Order no.	Page
	page 392
	page 392
	page 393



Not suitable for installation in surface-mounted housing.

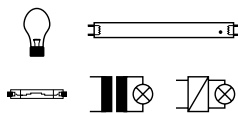
Design	Order no.	PU
BLC extension unit for motion detector	× 2908	1

BLC stairwell light system



BLC timer RMD for stairway light

Operating voltage	230 V~	– with switch-off advance warning, flashing at 30, 20 and 10 seconds before switching off
Frequency	50 Hz	– with slide switch for off/automatic/automatic with switch-off pre-warning/continuous on
230 V incandescent lamps and halogen lamps	2300 W	– NO contact
Conventional transformers	1000 VA	– with screw terminals
Electronic transformers	1500 W	
Fluorescent lamps:		
- uncompensated	1200 VA	
- parallel compensated	920 VA	
- in Duo circuit	2300 VA	
Electronic ballasts (EB)	700 W	
Delay time, adjustable	≈ 10 s ... 15 min	
Switch-on time (ED)	100 %	
Operating temperature	+5 ... +45 °C	
Conductor cross-section (rigid)	max. 4 mm ²	
Width of rail mounted device (RMD)	1 modules	



Not suitable for installation in surface-mounted housing.
For upgrading of stairway light and pulse circuits without additional wiring.



Design	Order no.	PU
light grey	× 163 01	1



BLC insert for timer

Operating voltage	230 V~	– with screw terminals
Frequency	50 Hz	
Operating temperature	+5 ... +35 °C	
Control cable length	max. 100 m	
Conductor cross-section (rigid)	max. 4 mm ²	
Installation depth	22 mm	

Note:
Delay time setting, switch-off pre-warning and functions for off/automatic/continuous on are carried out on the BLC timer RMD for the stairway light.

For 3-conductor circuit with neutral conductor and for 4-conductor circuit with neutral conductor or phase.

Only suitable for BLC controller with imprint release issue "R3".

For upgrading of stairway light and pulse circuits without additional wiring.



Design	Order no.	PU
BLC insert for timer	× 2934 10	1

BLC application modules



BLC push-button

- with 2-push-buttons operation concept
- switch-on brightness for BLC dimmer insert mains-failure protection storable
- for BLC extension unit and BLC insert for timer

Suitable for	Order no.	Page
BLC switches		page 387
BLC dimmers		page 389
BLC insert for timer	2934 10	391
BLC extension unit	2907	390

Design	Order no.	PU
white glossy	× 1761 00 02	1
polar white glossy	× 1761 00 69	1
brown glossy	× 1761 00 01	1
light bronze matt, aluminium lacquered	× 1761 00 11	1
stainless steel, metal matt finish	× 1761 00 04	1
gold matt, aluminium anodised	× 1761 00 12	1





BLC controller comfort 1.1 m

Time to dim down	30 s	– with adaptive sensitivity adjustment
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)	– with dimming function (soft-off) when using BLC dimmer inserts
Nominal mounting height	1.1 m	– glare-proof, e.g. against a torch
Detection angle	180°	– with teach function for response brightness
Range, frontal	≈ 10 m	– with slide switch for OFF/automatic/ON
Range, side	each ≈ 6 m	– step operation with immunity time (e.g. for bell)
Detection field, semi-oval shaped	≈ 10 x 12 m	– switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
Response brightness, adjustable	≈ 0 ... 80 lx	– μ-processor controlled operation (detection signal evaluation and interference signal suppression)
Response sensitivity, settable	≈ 20 ... 100 %	– no switch-on in case of inadvertent brief shadowing
Delay time, adjustable	≈ 10 s ... 30 min	– activation by push-button, NC contact in the line
immunity time	≈ 3 s	– with cover to limit detection angle to 90°
Short time mode	0.5 s	
Operating temperature	-20 ... +45 °C	
Dimensions assembling height	23.5 mm	

Suitable for	Order no.	Page
BLC switches		page 387
BLC dimmers		page 389
BLC insert for timer	2934 10	391
BLC extension unit for motion detector	2908	390

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the motion detector.

Only suitable for indoor areas!

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

Design	Order no.	PU
white glossy	× 1784 00 02	1
polar white glossy	× 1784 00 69	1
light bronze matt, lacquered	× 1784 90 11	1
stainless steel matt, lacquered	× 1784 90 04	1
brown glossy	× 1784 00 01	1



BLC controller 1.1 m

Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)	– activation by push-button, NC contact in the line
Nominal mounting height	1.1 m	– with cover to limit detection angle to 90°
Detection angle	180°	
Range, frontal	≈ 10 m	
Range, side	each ≈ 6 m	
Detection field, semi-oval shaped	≈ 10 x 12 m	
Response brightness, adjustable	≈ 0 ... 80 lx	
Response sensitivity, settable	≈ 20 ... 100 %	
Delay time	≈ 2 min	
Operating temperature	-20 ... +45 °C	
Dimensions assembling height	23.5 mm	

Suitable for	Order no.	Page
BLC switches		page 387
BLC dimmers		page 389
BLC insert for timer	2934 10	391
BLC extension unit for motion detector	2908	390

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Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

Design	Order no.	PU
white glossy	× 1783 00 02	1
polar white glossy	× 1783 00 69	1
brown glossy	× 1783 00 01	1
light bronze matt, lacquered	× 1783 90 11	1
stainless steel matt, lacquered	× 1783 90 04	1





BLC controller 2.2 m

Time to dim down	30 s	– dimming insert switch-off advance warning (30 s dimming process)
Nominal mounting height	2.2 m	– with adaptive sensitivity adjustment
Detection angle	180°	– glare-proof, e.g. against a torch
Range, frontal	≈ 12 m	– with teach function for response brightness
Range, side	each ≈ 6 m	– switch-on brightness for BLC dimmer insert with hand-held transmitter and BLC extension unit storable
Range, side (at 1.1 m installation height)	each ≈ 3 m	– μ-processor controlled operation (detection signal evaluation and interference signal suppression)
Range, frontal (at 1.1 m installation height)	≈ 6 m	– no switch-on in case of inadvertent brief shadowing
Detection field, semi-oval shaped	≈ 12 x 12 m	– activation by push-button, NC contact in the line
Delay time	≈ 2 min	– with crawl-under protection
Operating temperature	-15 ... +45 °C	
Dimensions assembling height	31.4 mm	

As-delivered and reset condition: response brightness 10 lx.

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

Suitable for	Order no.	Page
BLC switches		page 387
BLC dimmers		page 389
BLC insert for timer	2934 10	391
BLC extension unit for motion detector	2908	390



Design	Order no.	PU
white glossy	× 1788 00 02	1
polar white glossy	× 1788 00 69	1
light bronze matt, lacquered	× 1788 90 11	1
stainless steel matt, lacquered	× 1788 00 04	1

BLC radio buttons



BLC radio push-button

Radio reception frequency	433.42 MHz	– reset function (to factory setting)
Extension unit operation with BLC extension unit and push-button (NO) possible as of release R2.1.		– with 2-push-buttons operation concept
For actuation via button and radio transmitter.		– switch-on brightness for BLC dimmer insert mains-failure protection storable
		– radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
		– light scenes only polled using radio transmitter
		– with 5 light scenes for "on/off", dimming value

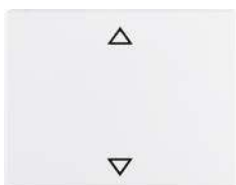
Suitable for	Order no.	Page
BLC switches		page 387
BLC dimmers		page 389



Design	Order no.	PU
white glossy	× 1760 00 02	1
polar white glossy	× 1760 00 69	1
brown glossy	× 1760 00 01	1
light bronze matt, aluminium lacquered	× 1760 00 11	1
stainless steel, metal matt finish	× 1760 00 04	1
gold matt, aluminium anodised	× 1760 00 12	1

Covers for blind switches/push-buttons

Rockers with imprint



Rocker with imprinted arrows symbol

Design	Order no.	PU
white glossy	1405 03 02	10
polar white glossy	1405 03 69	10
brown glossy	1405 03 01	10
light bronze matt, aluminium lacquered	1404 03 01	10
stainless steel, metal matt finish	1404 03 04	10
gold matt, aluminium anodised	1404 03 02	10

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	30



Rocker 2gang with imprinted arrow symbol

Design	Order no.	Page
white glossy	1435 01 02	10
polar white glossy	1435 01 69	10
brown glossy	1435 01 01	10
light bronze matt, aluminium lacquered	1434 01 01	10
stainless steel, metal matt finish	1434 01 04	10
gold matt, aluminium anodised	1434 01 02	10

Suitable for	Order no.	Page
Blind series switch 1pole	3035 20	66
Blind series push-button 1pole	5035 20	84



Rocker 2gang with imprinted arrows symbol

Design	Order no.	Page
white glossy	1435 03 02	10
polar white glossy	1435 03 69	10
brown glossy	1435 03 01	10
light bronze matt, aluminium lacquered	1434 03 01	10
stainless steel, metal matt finish	1434 03 04	10
gold matt, aluminium anodised	1434 03 02	10

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	30

Centre plates for rotary switches for blinds



Centre plate with rotary knob for rotary switch for blinds

Design	Order no.	Page
white glossy	1077 00 02	1
polar white glossy	1077 00 69	1
brown glossy	1077 00 01	1
light bronze matt, aluminium lacquered	1077 01 01	1
stainless steel, metal matt finish	1077 01 04	1
gold/polar white, matt/glossy, aluminium anodised	1077 01 02	1

Suitable for	Order no.	Page
Rotary switches for blinds		page 86
optional Interlock disk for rotary switch for blinds	1861	87

Centre plates for key switches/key push-buttons for blinds



Centre plate with lock and push lock function for switch for blinds

- key can be removed in 0 position



Design	Order no.	Page
white glossy	1079 00 02	1
polar white glossy	1079 00 69	1
brown glossy	1079 00 01	1
light bronze matt, aluminium lacquered	1079 03 01	1
stainless steel, metal matt finish	1079 03 04	1
gold/polar white, matt/glossy, aluminium anodised	1079 03 02	1

Suitable for	Order no.	Page
Switch for blinds 2pole for centre plate with lock	3852	88
Switch for blinds 1pole for centre plate with lock	3851	87



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 2pole for centre plate with lock	3852	88
Switch for blinds 1pole for centre plate with lock	3851	87

Design	Order no.	PU
white glossy	1079 01 02	1
polar white glossy	1079 01 69	1
brown glossy	1079 01 01	1
light bronze matt, aluminium lacquered	1079 04 01	1
stainless steel, metal matt finish	1079 04 04	1
gold/polar white, matt/glossy, aluminium anodised	1079 04 02	1



Centre plate with lock and touch function for switch for blinds

- key can be removed in 0 position



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	87
Switch for blinds 2pole for centre plate with lock	3852	88

Design	Order no.	PU
white glossy	1079 02 02	1
polar white glossy	1079 02 69	1
brown glossy	1079 02 01	1
light bronze matt, aluminium lacquered	1079 05 01	1
stainless steel, metal matt finish	1079 05 04	1
gold/polar white, matt/glossy, aluminium anodised	1079 05 02	1



Centre plate for key push-button for blinds/key switch

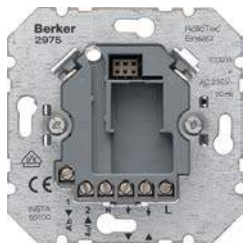
- with imprint
- for master-key systems

Suitable for	Order no.	Page
Switch for blinds 2pole for lock cylinder	3822 10	90
Push-button for blinds 1pole for lock cylinder	3831 10	90
Push-button for blinds 2pole for lock cylinder	3832 10	90
Lock cylinder	1818 ..	62

Design	Order no.	PU
white glossy	1504 00 12	10
polar white glossy	1504 00 79	10
brown glossy	1504 00 11	10
light bronze matt, lacquered	1504 90 21	10
stainless steel matt, lacquered	1504 90 14	10

RolloTec

RolloTec inserts



RolloTec insert comfort

- extension inputs



Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	1000 W
Operating temperature	+5 ... +35 °C
Conductor cross-section (rigid)	max. 2.5 / 2 x 1.5 mm ²

Recommendation: Use deep wall box.

Not suitable for installation in surface-mounted housing.

- for single, group and master controls
- with 2 mechanically interlocked NO contacts
- with 230 V extension unit inputs for up, down and sensors
- suitable for multi-phase mode
- with screw terminals

Suitable for	Order no.	Page
RolloTec buttons		page 397
RolloTec time switches		page 398
optional		
Precipitation sensor	183 01	94
Interface surface-mounted for wind sensor	173	94



Design	Order no.	PU
RolloTec insert comfort	× 2975	1



RolloTec insert comfort for direct current drives

Operating voltage	24 V=
Switching current at 24 V=	max. 3 A
Current consumption (operation)	≈ 100 mA
Operating temperature	+5 ... +35 °C
Conductor cross-section (rigid)	max. 2.5 / 2 x 1.5 mm ²

Recommendation: Use deep wall box.

Follow the motor manufacturers' instructions.
External power supply 24 V= with protective separation required.

Recommendation of power supply units:
Elka, type: SV230-24.1250 DC, item no. 140 01 915 or
Elka, type: SV230-24.2500 DC, item no. 140 01 916
Phoenix, type: STEP-PS-100-240AC/24DC/1.5 item no.:
2938947

- for single, group and master controls
- with 2 reverse polarity change-over relays
- for 24 V reverse polarity motors with limit switches
- with 24 V reverse polarity extension unit inputs for up and down
- with screw terminals

Suitable for	Order no.	Page
RolloTec buttons		page 397
RolloTec time switches		page 398



Design	Order no.	PU
RolloTec insert comfort for direct current drives	× 2975 01	1



RolloTec insert

Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	1000 W
Operating temperature	+5 ... +35 °C
Conductor cross-section (rigid)	max. 2.5 / 2 x 1.5 mm ²

Recommendation: Use deep wall box.

Neutral conductor necessary!

Not suitable for wind and precipitation sensor.

- for single and master controls
- with 2 mechanically interlocked NO contacts
- without 230 V extension unit inputs
- with screw terminals

Suitable for	Order no.	Page
RolloTec buttons		page 397
RolloTec time switches		page 398



Design	Order no.	PU
RolloTec insert	× 2925	1

RolloTec buttons



RolloTec button comfort for sensors

- | | | |
|--|-----------------|--|
| Sun brightness value | ≈ 5 ... 80 klx | – with lock-out protection, e.g. for blind control terrace door |
| Self-retaining for 2 min on button-press | 1 ... 4 s | – no twilight sensor function |
| Teachable running time | 0.5 s ... 2 min | – activation of the anti-lockout device in the upper final position by touching in the up direction for at least 3 s |
| Lamella adjustment on button-press | < 1 s | – with imprinted symbol arrows |
| | | – brightnesses individually adjustable |
| | | – with indicator LED for lock-out protection |
| | | – when using a surface-mounted brightness sensor, the learned running time for sun protection movement is used |
| | | – only for sensor connection to terminal block |

Suitable for RolloTec inserts	Order no.	Page page 396
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Design	Order no.	PU
white glossy	× 1771 00 12	1
polar white glossy	× 1771 00 79	1
brown glossy	× 1771 00 11	1
light bronze matt, aluminium lacquered	× 1771 90 21	1
stainless steel, metal matt finish	× 1771 90 14	1
gold matt, aluminium anodised	× 1771 90 12	1

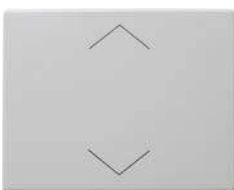


RolloTec button comfort

- | | | |
|--|-----------------|--|
| Self-retaining for 2 min on button-press | 1 ... 4 s | – activation of the anti-lockout device in the upper final position by touching in the up direction for at least 3 s |
| Teachable running time | 0.5 s ... 2 min | – with imprinted symbol arrows |
| Lamella adjustment on button-press | < 1 s | – with indicator LED for lock-out protection |
| | | – with lock-out protection, e.g. for blind control terrace door |

Suitable for RolloTec inserts	Order no.	Page page 396
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Design	Order no.	PU
white glossy	× 1770 00 12	1
polar white glossy	× 1770 00 79	1
brown glossy	× 1770 00 11	1
light bronze matt, aluminium lacquered	× 1770 90 21	1
stainless steel, metal matt finish	× 1770 90 14	1
gold matt, aluminium anodised	× 1770 90 12	1



RolloTec memory button for sensors

- | | | |
|---|----------|--|
| Sun brightness value | ≈ 20 klx | – no twilight sensor function |
| Storage of the raising/lowering movement time on button-press | > 3.5 s | – with imprinted symbol arrows |
| Self-retaining for 2 min on button-press | > 1 s | – only for sensor connection to terminal block |
| Lamella adjustment on button-press | < 1 s | |

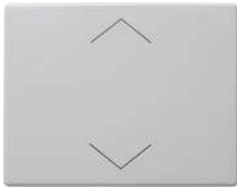
Suitable for RolloTec inserts	Order no.	Page page 396
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Stored "up" and/or "down" time is run daily in automatic operation.

For manual and time-programmed running of awnings, shutters and blinds.

Design	Order no.	PU
white glossy	× 1757 00 12	1
polar white glossy	× 1757 00 79	1
brown glossy	× 1757 00 11	1
light bronze matt, aluminium lacquered	× 1757 90 21	1
stainless steel, metal matt finish	× 1757 90 14	1
gold matt, aluminium anodised	× 1757 90 12	1





RolloTec memory button

- Storage of the raising/lowering movement time on button-press > 3.5 s
- Self-retaining for 2 min on button-press > 1 s
- Lamella adjustment on button-press < 1 s

– with imprinted symbol arrows

Suitable for
RolloTec inserts

Order no.

Page
page 396

Stored "up" and/or "down" time is run daily in automatic operation.

For manual and time-programmed running of awnings, shutters and blinds.

Design	Order no.	PU
white glossy	× 1756 00 12	1
polar white glossy	× 1756 00 79	1
brown glossy	× 1756 00 11	1
light bronze matt, aluminium lacquered	× 1756 90 21	1
stainless steel, metal matt finish	× 1756 90 14	1
gold matt, aluminium anodised	× 1756 90 12	1



RolloTec time switches



RolloTec easy time switch

- display

- Number of operation times for up/down 2
- Self-retaining for 2 min on button-press > 1 s
- Power reserve (maintenance-free) ≈ 6 h

- large-area display
- with imprint
- with slide switch for manual/automatic
- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

No extension units and sensor signals or central commands will be processed.

For manual and time-programmed running of awnings, shutters and blinds.

Suitable for
RolloTec inserts

Order no.

Page
page 396

Design	Order no.	PU
white glossy	× 1762 00 02	1
polar white glossy	× 1762 00 69	1
brown glossy	× 1762 00 01	1
light bronze matt, lacquered	× 1762 90 11	1
stainless steel matt, lacquered	× 1762 90 04	1



Physical sensors



Precipitation sensor

- Operating voltage 230 V~
- Frequency 50/60 Hz
- Switching current at 30 V= (ohmic) max. 3 A
- Switching current at 250 V~ (ohmic) max. 6 A
- Switch-on current at 250 V (ohmic) max. 15 A
- Power consumption incl. additional heating max. 4.5 W
- Operating temperature -30 ... +70 °C
- Pre-assembled cables ≈ 2.9 m
- Dimensions, mounting bracket (W x H x D) 130 x 90 x 90 mm
- Dimensions sensor (L x W x H) 82 x 60 x 57.5 mm
- Mast Ø max. 62 mm

- with potential-free change-over contact
- heated
- pre-assembled, with cables
- with stainless steel mounting bracket approx. 70°
- with pipe clamp for mast fixing

Suitable for
RolloTec insert comfort

Order no.
2975

Page
396

IP65 μ

Not suitable for installation in surface-mounted housing. When it begins to rain, snow etc. the contact is closed. To protect against mildew on awnings, roller shutters etc.

Design	Order no.	PU
grey	183 01	1





Wind sensor

Measuring range, wind speed 0.5 ... 40 m/s
 Measuring range, wind strengths 3 ... 10 Bft
 Pre-assembled cable ≈ 3 m

- reed contact (frequency measurement)
- with fitting material
- confectioned with cable LIYY 2 x 0.5 mm² and conductor sleeves

▶ 900

Suitable for	Order no.	Page
Interface surface-mounted for wind sensor	173	94



Design	Order no.	PU
white	172 01	1



Interface surface-mounted for wind sensor

Operating voltage 230 V~
 Frequency 50/60 Hz
 Switching current 2 A
 Wind strengths, settable 3 ... 10 Bft
 Dimensions (W x H x D) 110 x 94 x 38 mm

- with test mode
- 2 NO contacts, common input terminal
- with potential-free contact
- with fitting material
- with screw terminals

▶ 900

Also suitable for company Thies heated wind speed sensor art. no. 4.3515.50.000.

Suitable for	Order no.	Page
Wind sensor	172 01	94
RolloTec insert comfort	2975	396
optional		
Cutoff relay		page 95

IP55

Not suitable for installation in surface-mounted housing.
 When the wind speed is reached, the contact is closed.
 To protect against excessive wind, e. g. for shutters, sun blinds, etc.

Design	Order no.	PU
polar white	173	1

HVAC controllers and covers

Thermostats



Thermostat, NO contact, with centre plate

- time-controlled



Rated voltage 230 V~
 Frequency 50 Hz
 Power consumption ≈ 1.2 W
 Lithium cell power reserve [years] ≈ 10
 Energy efficiency class IV (2%)

- for underfloor heating control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

▶ 885

Suitable for	Order no.	Page
optional		
Temperature sensor (33 kΩ)	161	110

Design	Order no.	PU
white glossy	2044 00 02	1
polar white glossy	2044 00 69	1
brown glossy	2044 00 01	1
light bronze, lacquered	2044 90 11	1
stainless steel matt, lacquered	2044 90 04	1

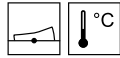




Thermostat, NO contact, with centre plate, for underfloor heating

▶ 884

- rocker switch
- external temperature sensor



Rated voltage	250 V~
Frequency	50/60 Hz
Energy efficiency class	I (1%)

Design	Order no.	PU
white glossy	2034 00 02	1
polar white glossy	2034 00 69	1
brown glossy	2034 00 01	1
light bronze matt, lacquered	2034 90 11	1
stainless steel matt, lacquered	2034 90 04	1



Temperature controller, change-over contact, with centre plate

▶ 884

Rated voltage	250 V~	- for heating or cooling mode
Frequency	50/60 Hz	
Energy efficiency class	I (1%)	

Design	Order no.	PU
white glossy	2026 00 02	1
polar white glossy	2026 00 69	1
brown glossy	2026 00 01	1
light bronze matt, lacquered	2026 90 11	1
stainless steel matt, lacquered	2026 90 04	1



Temperature controller, NC contact, with centre plate

▶ 884

- rocker switch



Rated voltage	250 V~
Frequency	50/60 Hz
Energy efficiency class	I (1%)

Design	Order no.	PU
white glossy	2030 00 02	1
polar white glossy	2030 00 69	1
brown glossy	2030 00 01	1
light bronze matt, lacquered	2030 90 11	1
stainless steel matt, lacquered	2030 90 04	1



Temperature controller, NC contact, with centre plate, 24 V AC/DC

▶ 884

- rocker switch



Rated voltage	24 V~/24 V=
Frequency	50/60 Hz
Energy efficiency class	I (1%)

Design	Order no.	PU
white glossy	2031 00 02	1
polar white glossy	2031 00 69	1
brown glossy	2031 00 01	1
light bronze matt, lacquered	2031 90 11	1
stainless steel matt, lacquered	2031 90 04	1



Central plates for sensor inserts



Central plate for sensor insert

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

Suitable for
Intermediate rings
Sensor insert

Order no.
7594 10 01

Page
page 407
105

Design	Order no.	PU
white glossy	7594 04 02	1
polar white glossy	7594 04 09	1
light bronze matt, lacquered	7594 04 04	1
stainless steel matt, lacquered	7594 04 03	1

Rockers for heating applications



Rocker with imprint "Heizung"

- red lens

- for monitoring circuit



Use glass pane-protected switch for heating applications alternatively.

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Design	Order no.	PU
red glossy	1488 00 62	10

Centre plates for emergency switches



Centre plate with glass plate

- rocker

- also for KNX applications: push-button, 1gang, and group push-button, 1gang - order no. 7514 1x 00



The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Housing screws made of stainless steel.

Adhesive label sheets, text white: "Notschalter", "Rauchabzug", "Feuerschutztür schließen", "Feuerabschluss schließen", "Heizung", "Lichtkuppel", "Hausalarm" and "Öffnen" supplied.

In case of danger break glass and press rocker!

Design	Order no.	PU
red glossy	1297 00 00	10

Centre plates for air conditioner/fan controllers



Centre plate with rotary knob for 3-step switch

Suitable for
3-step switches

Order no.
3861 ..

Page
108

Design

Order no.

PU

without 0-position, imprint 2-1-3

white glossy	1088 00 02	1
polar white glossy	1088 00 69	1
brown glossy	1088 00 01	1
light bronze matt, aluminium lacquered	1088 01 01	1
stainless steel, metal matt finish	1088 01 04	1
gold/polar white, matt/glossy, aluminium anodised	1088 01 02	1

with 0-position, imprint 0-1-2-3

white glossy	1087 00 02	1
polar white glossy	1087 00 69	1
brown glossy	1087 00 01	1
light bronze matt, aluminium lacquered	1087 01 01	1
stainless steel, metal matt finish	1087 01 04	1
gold/polar white, matt/glossy, aluminium anodised	1087 01 02	1





Centre plate for speed controller

- **setting knob**



Axis dimension Ø

4 mm

- with imprinted symbol curve

Suitable for
Speed controller

Order no.
2968 01

Page
109

Design	Order no.	PU
white glossy	1135 00 22	10
polar white glossy	1135 00 89	10
brown glossy	1135 00 21	10
light bronze matt, aluminium lacquered	1134 00 21	10
stainless steel, metal matt finish	1134 00 24	10
gold matt, aluminium anodised	1134 00 22	10

Communication/multimedia technology

- for information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

Covers data communications / telecommunications



Centre plate with TAE cut-out

- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page page
Loudspeaker connector box	4572 ..	137
Stereo loudspeaker connector box	4573 ..	137
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	118
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135

Design	Order no.	PU
white glossy	1035 01 02	10
polar white glossy	1035 01 69	10
brown glossy	1035 01 01	10
gold matt, aluminium anodised	1034 00 02	10
stainless steel, metal matt finish	1034 00 04	10
light bronze matt, aluminium lacquered	1034 00 01	10



Central plate with TAE cut-out

- **push-out**



Caution!
Use only with intermediate ring for central plate from the corresponding range.

- also for KNX applications: USB data interface, flush-mounted

- 1 knock out opening
- labelling field latchable in matching intermediate ring

Suitable for	Order no.	Page page
Intermediate rings		page 407
Loudspeaker connector box	4572 ..	137
Stereo loudspeaker connector box	4573 ..	137
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	118
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135

Design	Order no.	PU
white glossy	1458 02	10
polar white glossy	1458 09	10
brown glossy	1458 01	10



Centre plate with TDO cut-out

- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
Loudspeaker connector box	4572 ..	137
Stereo loudspeaker connector box	4573 ..	137
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135

Design	Order no.	PU
light bronze matt, aluminium lacquered	68 1034 00 01	10
stainless steel, metal matt finish	68 1034 00 04	10



Centre plate with TDO cut-out

- labelling field



For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

Labelling field height designed for 6 mm P-touch strips.

- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
Loudspeaker connector box	4572 ..	137
Stereo loudspeaker connector box	4573 ..	137
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135

Design	Order no.	PU
white glossy	68 1035 00 02	10
polar white glossy	68 1035 00 69	10
brown glossy	68 1035 00 01	10



Centre plate for FCC socket outlet

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- with 45° oblique outlet

Suitable for	Order no.	Page
FCC socket outlets 1gang		page 114
WLAN Access-Point UP	4582	115
WLAN Access-Point flush-mounted, PoE	4583	115

Design	Order no.	PU
white glossy	1407 00 02	10
polar white glossy	1407 00 69	10
brown glossy	1407 00 01	10
light bronze matt, aluminium lacquered	1408 00 01	10
stainless steel, metal matt finish	1408 00 04	10
gold matt, aluminium anodised	1408 00 02	10



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- with 45° oblique outlet

Suitable for	Order no.	Page
FCC socket outlets 2gang		page 116

Design	Order no.	PU
white glossy	1409 00 02	10
polar white glossy	1409 00 69	10
brown glossy	1409 00 01	10
light bronze matt, aluminium lacquered	1410 00 01	10
stainless steel, metal matt finish	1410 00 04	10
gold matt, aluminium anodised	1410 00 02	10



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com dummy modules 1gang

Suitable for	Order no.	Page
Intermediate rings		page 407
Multimedia modules		page 145
Mini jack, 8-pole		page 126

Design	Order no.	PU
white glossy	1427 02	10
polar white glossy	1427 09	10



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- for connecting modules RJ45 cat.5e and cat.6
- for fibre-optic modules

Design	Order no.	Page
white glossy	1472 02	10
polar white glossy	1472 09	10



Central plate for Reichle&De-Massari double module

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For 1gang modules, the 1port DIN connection box with straight outlet and centre plate 50 x 50 mm of makes IBM no. 51H8234 or Reichle + De Massari no. R 825857 can be used.

- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- for connecting modules RJ45 cat.5e and cat.6
- for fibre-optic modules

Design	Order no.	Page
white glossy	1461 02	10
polar white glossy	1461 09	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- for AMP modular jacks series 110 Connect, cat.3, cat.5, cat.5e and cat.6
- for AMP fibre-optic couplings MT-RJ jacks

Design	Order no.	Page
white glossy	1463 02	10
polar white glossy	1463 09	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- for Krone modular jacks, cat.5, cat.5e and cat.6
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks

Design	Order no.	Page
white glossy	1464 02	10
polar white glossy	1464 09	10



Centre plate with 2 dust protection sliders

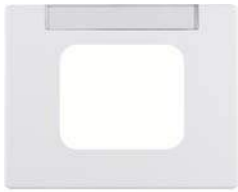
- labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 0 .. and 4542 02, see chapter **communication/multimedia technology**

Design	Order no.	Page
white glossy	1182 00 02	10
polar white glossy	1182 00 69	10
brown glossy	1182 00 01	10
light bronze matt, lacquered	1182 90 11	10
stainless steel matt, lacquered	1182 90 04	10



Centre plate for AMP-ACO

- labelling field

- Cat.5, Cat.6 and Cat.7



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	× 1177 00 02	10
polar white glossy	× 1177 00 69	10
brown glossy	× 1177 00 01	10
light bronze matt, lacquered	× 1177 90 11	10
stainless steel matt, lacquered	× 1177 90 04	10



Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- for 2 fibre-optic couplings

Design	Order no.	PU
white glossy, 2gang	1492 02	10
polar white glossy, 2gang	1492 09	10

Suitable for
Intermediate rings

Order no.
Page 407



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- 1 knock out opening
- labelling field latchable in matching intermediate ring
- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings

Design	Order no.	PU
white glossy	1480 02	10
polar white glossy	1480 09	10

Suitable for
Intermediate rings

Order no.
Page 407

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

Design	Order no.	PU
white glossy	1201 01 12	10
polar white glossy	1201 01 79	10
light bronze matt, aluminium lacquered	1202 00 21	10
brown glossy	1201 01 11	10
stainless steel, metal matt finish	1202 00 04	10
gold matt, aluminium anodised	1202 00 02	10

Suitable for
Aerial sockets

Order no.
Page 128



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

Design	Order no.	PU
white glossy	1484 02	10
polar white glossy	1484 09	10
brown glossy	1484 01	10
light bronze matt, lacquered	1484 11	10
stainless steel matt, lacquered	1484 04	10

Suitable for
Intermediate rings
Aerial socket 4hole single box

Order no.
4594 10
Page 129



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with 2 additional SAT outputs (F-sockets)

Design	Order no.	Page
white glossy	1483 02	10
polar white glossy	1483 09	10
brown	1483 01	10
light bronze matt, lacquered	1483 11	10
stainless steel matt, lacquered	1483 04	10

Suitable for Intermediate rings Order no. Page page 407

Central plates for signalling and command units



Central plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

– with cut-out dia. 18.8 mm
– labelling field latchable in matching intermediate ring

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Suitable for Intermediate rings Order no. Page page 407

Design	Order no.	Page
white glossy	1431 02	10
polar white glossy	1431 09	10
stainless steel matt, lacquered	1431 04	10

optional Built-in socket for floating output 4604 683



Centre plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

– with cut-out dia. 18.8 mm

Design	Order no.	Page
light bronze matt, aluminium lacquered	1070 01 01	10
stainless steel, metal matt finish	1070 01 04	10
gold matt, aluminium anodised	1070 01 02	10

Suitable for optional Built-in socket for floating output 4604 683



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

– with cut-out dia. 22.5 mm
– labelling field latchable in matching intermediate ring

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Suitable for Intermediate rings Order no. Page page 407

Design	Order no.	Page
white glossy	1432 02	10
polar white glossy	1432 09	10
stainless steel matt, lacquered	1432 04	10
yellow glossy	1432 07	10



Centre plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

– with cut-out dia. 22.5 mm

Design	Order no.	Page
light bronze matt, aluminium lacquered	1071 01 01	10
stainless steel, metal matt finish	1071 01 04	10
gold matt, aluminium anodised	1071 01 02	10

Suitable for Intermediate rings Order no. Page

Intermediate rings



Intermediate ring for central plate

– labelling field latchable

Design	Suitable for optional	Order no.	Page
	Labelling field for intermediate ring		page 407
	Order no.		PU
white glossy		1108 00 02	10
polar white glossy		1108 00 69	10
brown glossy		1108 00 01	10
light bronze matt, lacquered		1108 90 11	10
stainless steel matt, lacquered		1108 90 04	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

Suitable for Intermediate ring for central plate

Design	Order no.	PU
white glossy	1905 00 02	10
polar white glossy	1905 00 69	10
stainless steel matt, lacquered	1905 70 04	10



Intermediate ring flat, with hinged cover

The high hinged cover with opening is suitable as a cover with inserted plug for TAE and 45° UAE versions.

– with imprint
– for centre plate of third-party manufacturers with external dimension 50 x 50 mm

Design	Order no.	PU
white glossy	1154 00 02	10
polar white glossy	1154 00 69	10
brown glossy	1154 00 01	10
light bronze matt, aluminium lacquered	1154 10 01	10
stainless steel, metal matt finish	1154 10 04	10
gold matt, aluminium anodised	1154 10 02	10



Intermediate ring with hinged cover flat

- labelling field

– with imprint



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	1155 00 02	10
polar white glossy	1155 00 69	10
brown glossy	1155 00 01	10
light bronze matt, aluminium lacquered	1155 10 01	10
stainless steel, metal matt finish	1155 10 04	10
gold matt, aluminium anodised	1155 10 02	10



Intermediate ring with hinged cover high

- labelling field

- with imprint



Labelling field height arranged for P-touch strips 6 mm.
The high hinged cover with opening is suitable as a cover with inserted plug for TAE and 45° UAE versions.

Design	Order no.	PU
white glossy	1155 01 02	10
polar white glossy	1155 01 69	10
brown glossy	1155 01 01	10
light bronze matt, lacquered	1155 91 11	10
stainless steel matt, lacquered	1155 91 04	10

Adapter rings for centre plates 50 x 50 mm



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.
For centre plate according to DIN 49075

- for centre plate of third-party manufacturers with external dimension 50 x 50 mm

Design	Order no.	PU
white glossy	1108 01 02	10
polar white glossy	1108 01 69	10
brown glossy	1108 01 01	10
light bronze matt, lacquered	1108 91 11	10
stainless steel matt, lacquered	1108 91 04	10

Covers Audio



Centre plate for loudspeaker socket outlet

- labelling field

- 1 knock out opening



Labelling field height arranged for P-touch strips 6 mm.

Suitable for	Order no.	Page
Loudspeaker socket outlet High End	4505 02	139

Design	Order no.	PU
white glossy	1185 00 02	10
polar white glossy	1185 00 69	10
brown glossy	1185 00 01	10



Centre plate for loudspeaker socket outlet

- 1 knock out opening

Suitable for	Order no.	Page
Loudspeaker socket outlet High End	4505 02	139

Design	Order no.	PU
light bronze matt, aluminium lacquered	1184 00 01	10
stainless steel, metal matt finish	1184 00 04	10
gold matt, aluminium anodised	1184 00 02	10



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm - speakon and jack connector
Screw spacing (horizontal/vertical) 19/24 mm - labelling field latchable in matching intermediate ring

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Suitable for	Order no.	Page
Intermediate rings		page 407

Design	Order no.	PU
white glossy	1412 02	10
polar white glossy	1412 09	10

Video socket outlets



VGA socket outlet

▶ 886

Frequency range video max. 160 MHz – S-VGA compatible
Resolution max. 1280 x 1024 px – with 15pole D-subminiature jack (front)

Design	Order no.	PU
with double jack		
white glossy	33 1540 00 02	10
polar white glossy	33 1540 00 69	10
light bronze matt, lacquered	33 1540 90 11	10
stainless steel matt, lacquered	33 1540 90 04	10
back side, with screw-in lift terminals		
white glossy ¹⁾	33 1541 00 02	10
polar white glossy ¹⁾	33 1541 00 69	10
light bronze matt, lacquered ¹⁾	33 1541 90 11	10
stainless steel matt, lacquered ¹⁾	33 1541 90 04	10

¹⁾ for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²



Multimedia sockets



High definition socket outlet

▶ 892

Transmission rate max. 8.16 GBit/s – 19pole
Resolution max. 1920 x 1080 px – gold-plated contacts
– with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

Design	Order no.	PU
back side, with straight socket		
white glossy	33 1542 00 02	1
polar white glossy	33 1542 00 69	1
light bronze matt, lacquered	33 1542 90 11	1
stainless steel matt, lacquered	33 1542 90 04	1
back side, with 90° angle socket		
white glossy	33 1543 00 02	10
polar white glossy	33 1543 00 69	10
light bronze matt, lacquered	33 1543 90 11	10
stainless steel matt, lacquered	33 1543 90 04	10



3 x Cinch/S-Video socket outlet

▶ 892

Frequency range audio 20 ... 20000 Hz – gold-plated contacts
Frequency range video max. 160 MHz – 1 cinch double jack for video connection (yellow)
– 2 cinch double jacks for audio connection (red, white)
– S-Video double jack

Design	Order no.	PU
white glossy	33 1532 00 02	10
polar white glossy	33 1532 00 69	10
light bronze matt, lacquered	33 1532 90 11	10
stainless steel matt, lacquered	33 1532 90 04	10



USB/3.5 mm audio socket outlet

▶ 892

USB transmission rate max. 5 GBit/s – double jack gold-plated 3.5 mm, stereo
Frequency range audio 20 ... 20000 Hz – USB, double socket type A, USB 3.0 compliant
– reverse-compatible to USB 2.0

NEW, available from September 2018!
With **USB 3.0** double jack.

Design	Order no.	PU
white glossy	33 1539 00 02	10
polar white glossy	33 1539 00 69	10
light bronze matt, lacquered	33 1539 90 11	10
stainless steel matt, lacquered	33 1539 90 04	10



Consumer electronics



Berker Radio Touch

- loudspeaker



Operating voltage	230 V~
Frequency	50/60 Hz
Frequency range (radio reception)	87.5 ... 108 MHz
Conductor cross-section	max. 2.5 mm ²
Conductor cross-section (loudspeakers)	max. 1.5 mm ²
Dimensions of display (W x H)	35 x 28 mm

- stereo FM radio with RDS display
- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- external audio input, e.g. for MP3 player or docking station
- with one loudspeaker

Suitable for optional	Order no.	Page
Loudspeaker		page 410
Ceiling loudspeaker Ø 80 mm	2885 00 00	149
Ceiling loudspeaker Ø 140 mm	2885 00 01	149

Design	Order no.	PU
polar white glossy	2880 00 69	1
stainless steel matt, lacquered	2880 00 04	1



Berker Radio Touch

Operating voltage	230 V~
Frequency	50/60 Hz
Frequency range (radio reception)	87.5 ... 108 MHz
Conductor cross-section	max. 2.5 mm ²
Conductor cross-section (loudspeakers)	max. 1.5 mm ²
Dimensions of display (W x H)	35 x 28 mm

- stereo FM radio with RDS display
- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- external audio input, e.g. for MP3 player or docking station

At least one loudspeaker must be connected for operation.	Suitable for	Order no.	Page
	Loudspeaker		page 410
	Ceiling loudspeaker Ø 80 mm	2885 00 00	149
	Ceiling loudspeaker Ø 140 mm	2885 00 01	149

Design	Order no.	PU
polar white glossy	2884 00 69	1
stainless steel matt, lacquered	2884 00 04	1



Loudspeaker

Impedance	4 Ω
Conductor cross-section (flexible)	0.5 mm ²
Pre-assembled cable	≈ 25 cm
Installation depth	35 mm

- confectioned, with 2-core, double-insulated, flexible cable

Suitable for	Order no.	Page
Berker Radio Touch		page 410

Design	Order no.	PU
polar white glossy	2882 00 69	1
stainless steel matt, lacquered	2882 00 04	1



Covers for pilot lamps



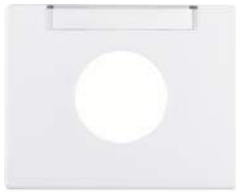
Centre plate for push-button/pilot lamp E10

Cut-out Ø	27.2 mm
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- centre plate for plug-in fixing

Suitable for	Order no.	Page
Cover for push-button/pilot lamp E10		page 56
Cover for push-button/pilot lamp E10		page 57
Knob for push-button/pilot lamp E10		page 57
LED lamp E10		page 57
Neon lamp E10		page 57
Push-button/pilot lamp E10, NO contact	5101 ..	55

Design	Order no.	PU
light bronze matt, aluminium lacquered	1165 01 01	10
stainless steel, metal matt finish	1165 01 04	10
gold matt, aluminium anodised	1165 01 02	10



Centre plate for push-button/pilot lamp E10

- labelling field



Cut-out Ø

27.2 mm

- centre plate for plug-in fixing

Suitable for

Cover for push-button/pilot lamp E10
Knob for push-button/pilot lamp E10
LED lamp E10
Neon lamp E10
Push-button/pilot lamp E10, NO contact

Order no.

5101 ..

Page

page 56
page 57
page 57
page 57
55

Design

white glossy
polar white glossy
brown glossy

Order no.

1165 00 02
1165 00 69
1165 00 01

PU

10
10
10



Centre plate for pilot lamp E14

Suitable for

Cover for pilot lamp E14
Cover for push-button/pilot lamp E10
LED lamp E14
Incandescent lamp E14
Pilot lamp E14

Order no.

5131 02

Page

page 58
page 57
page 58
page 59
57

Design

white glossy
polar white glossy
brown glossy
stainless steel matt, lacquered
light bronze matt, lacquered

Order no.

1167 00 02
1167 00 69
1167 00 01
1167 90 04
1167 90 11

PU

10
10
10
10
10



Cover for push-button/pilot lamp E10

The mirror image texts on the rear only become visible when the signal is illuminated.

With 10 labelling fields: "Bitte warten", "Bitte eintreten", "Nicht eintreten", "Bitte Ruhe", "Der Nächste bitte", "Aufzug kommt", symbol arrow, "Besetzt", 2x neutral.

Suitable for

Push-button/pilot lamp E10, NO contact

Order no.

5101 ..

Page

55

Design

clear

Order no.

1247 00 04

PU

10

Supplementary products



Blind plug with centre plate

- on supporting plate without cut-out

Design

without spreader claws

white glossy
polar white glossy
brown glossy
light bronze matt, aluminium lacquered
stainless steel, metal matt finish
gold matt, aluminium anodised

Order no.

1045 00 02
1045 00 69
1045 00 01
1044 00 01
1044 00 04
1044 00 02

PU

20
20
20
20
20
20

with base and spreader claws

white glossy
polar white glossy
brown glossy
light bronze matt, aluminium lacquered
stainless steel, metal matt finish

67 1045 00 02
67 1045 00 69
67 1045 00 01
67 1044 00 01
67 1044 00 04

10
10
10
10
10





Blind plug with centre plate, screw-on

- for customised cut-outs or holes when installing special solutions
- space-saving for relays, etc.
- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws



Design	Order no.	PU
white glossy	1045 01 02	20
polar white glossy	1045 01 69	20
brown glossy	1045 01 01	20



Centre plate for cable outlet

Suitable for	Order no.	Page
Cable outlet with low installation depth	4468	130
Cable outlet	4470	130

Design	Order no.	PU
white glossy	1005 00 02	10
polar white glossy	1005 00 69	10
brown glossy	1005 00 01	10
light bronze matt, lacquered	1004 90 11	10
stainless steel matt, lacquered	1004 90 04	10



Sealing set for Arsys IP44 devices

Suitable for	Order no.	Page
SCHUKO socket outlet with hinged cover	4758 ..	376
Rocker with imprint "IP44"	1424 10 04	382
Rocker with imprint "IP44"	1436 10 04	383

Design	Order no.	PU
Sealing set for Arsys IP44 devices	1010 00	10



Sealing ring for wall-tight installation of flush-mounted devices

When disinfecting smooth walls, the rubber rings prevent detergent from penetrating the installation.

Caution!
Only suitable for Berker ARSYS frame in the appropriate design 1gang, 2gang or 3gang.

- for vertical and horizontal mounting

Suitable for	Order no.	Page
Frames		page 424

Design	Order no.	PU
black, for 1gang frame	1056 00	10
black, for 2gang frame	1057 00	2
black, for 3gang frame	1058 00	2

Hinged covers



Hinged cover, flat

- labelling field

- with imprint



To be used for push-buttons with hinged cover, for example.

Labelling field height designed for 6 mm P-touch strips.

For post-installation clipping into centre plates with labelling field.

Design	Order no.	PU
white glossy	1140 00 02	10
polar white glossy	1140 00 69	10
brown glossy	1140 00 01	10
light bronze matt, lacquered	1140 90 11	10
stainless steel matt, lacquered	1140 90 04	10



Central plate for 6pole socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Suitable for
Intermediate rings

Order no.

Page
page 407

Manufacturer product line

Art. no.

Nurse call systems

Ackermann: clino opt 90 / clino phon 95
clino opt 99

71008C

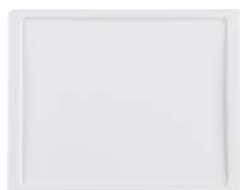
71008C3

6pole socket outlets

Hirschmann: Medu 600 GSK

Design	Order no.	PU
white glossy	1474 02	10
polar white glossy	1474 09	10
stainless steel matt, lacquered	1474 04	10

Centre plates for Ackermann inserts



Centre plate for nurse call system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line

Art. no.

Nurse call systems

Ackermann: clino opt 90, 99 / clino phon 95

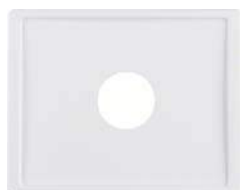
72642C

72639A

71197A

72642B

Design	Order no.	PU
white glossy	1204 00 12	10
polar white glossy	1204 00 69	10
stainless steel matt, lacquered	1204 90 04	10



Centre plate with plug-in opening for nurse call systems

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line

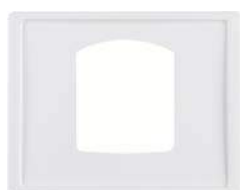
Art. no.

Nurse call systems

Ackermann: clino opt 99

73070A

Design	Order no.	PU
white glossy	1298 00 02	10
polar white glossy	1298 00 69	10
stainless steel matt, lacquered	1298 90 04	10



Centre plate for dropping plug-and-socket connector

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

– a-coded for dropping plug-and-socket connector

Manufacturer product line

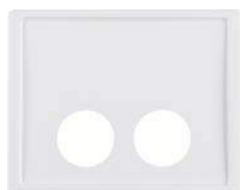
Art. no.

Nurse call systems

Ackermann: clino opt 99

74189A

Design	Order no.	PU
white glossy	1305 00 02	10
polar white glossy	1305 00 69	10
stainless steel matt, lacquered	1305 90 04	10



Centre plate with 2 plug-in openings for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– for call unit with 2 auxiliary plug-in contacts

– centre plate for plug-in fixing

Manufacturer product line

Art. no.

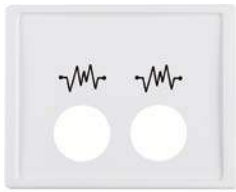
Nurse call systems

Ackermann: clino opt 99

73020D

73021D

Design	Order no.	PU
white glossy	1238 00 02	10
polar white glossy	1238 00 69	10
stainless steel matt, lacquered	1238 90 04	10



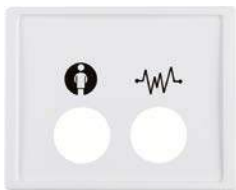
Centre plate with 2 plug-in openings and imprint, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 diagnostic plug-in contacts
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73075C
	73020G
	73021G
	73075D

Design	Order no.	PU
white glossy	1244 00 02	10
polar white glossy	1244 00 69	10
stainless steel matt, lacquered	1244 90 04	10



Centre plate with 2 plug-in openings and imprinted symbols, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with diagnostic and auxiliary plug-in contact
- for plug-in cover

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73020E

Design	Order no.	PU
white glossy	1242 00 02	10
polar white glossy	1242 00 69	10
stainless steel matt, lacquered	1242 90 04	10



Centre plate with plug-in opening, red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73022B
	73023B

Design	Order no.	PU
white glossy	1224 00 02	10
polar white glossy	1224 00 69	10
stainless steel matt, lacquered	1224 90 04	10



Centre plate with plug-in opening, red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73071E
	73071E2
	73075A
	73073E

Design	Order no.	PU
white glossy	1217 00 02	10
polar white glossy	1217 00 69	10
stainless steel matt, lacquered	1217 90 04	10



Centre plate with 2 plug-in openings, imprint and red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint
- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

Design	Order no.	PU
white glossy	1218 00 02	10
polar white glossy	1218 00 69	10
stainless steel matt, lacquered	1218 90 04	10



Centre plate with red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73071F 73071F2 73073F

Design	Order no.	PU
white glossy	1216 00 02	10
polar white glossy	1216 00 69	10
stainless steel matt, lacquered	1216 90 04	10



Centre plate with red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

Design	Order no.	PU
white glossy	1219 00 02	10
polar white glossy	1219 00 69	10
stainless steel matt, lacquered	1219 90 04	10



Centre plate with green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. no.
Nurse call systems	
Ackermann: clino opt 99	73642C

Design	Order no.	PU
white glossy	1251 00 02	10
polar white glossy	1251 00 69	10
stainless steel matt, lacquered	1251 90 04	10



Centre plate with yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line **Art. no.**
Nurse call systems
 Ackermann: clino opt 99 **73642D**

Design	Order no.	PU
white glossy	1252 00 02	10
polar white glossy	1252 00 69	10
stainless steel matt, lacquered	1252 90 04	10



Centre plate with blue button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line **Art. no.**
Nurse call systems
 Ackermann: clino opt 99 **73022A**
73022A2

Design	Order no.	PU
white glossy	1223 00 02	10
polar white glossy	1223 00 69	10
stainless steel matt, lacquered	1223 90 04	10



Centre plate with white button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- button with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line **Art. no.**
Nurse call systems
 Ackermann: clino opt 99 **73640J**
73640J2

Design	Order no.	PU
white glossy	1308 00 02	10
polar white glossy	1308 00 69	10
stainless steel matt, lacquered	1308 90 04	10



Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line **Art. no.**
Nurse call systems
 Ackermann: clino opt 99 **73642B2**

Design	Order no.	PU
white glossy	1249 00 02	10
polar white glossy	1249 00 69	10
stainless steel matt, lacquered	1249 90 04	10



Centre plate with yellow + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line **Art. no.**
Nurse call systems
 Ackermann: clino opt 99 **73642E**

Design	Order no.	PU
polar white glossy	1253 00 69	10
stainless steel matt, lacquered	1253 90 04	10



Centre plate with white + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- buttons with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line **Art. no.**
Nurse call systems
 Ackermann: clino opt 99 **73642B**

Design	Order no.	PU
white glossy	1299 00 02	10
polar white glossy	1299 00 69	10
stainless steel matt, lacquered	1299 90 04	10



Centre plate for pneumatic call switch

- lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line **Art. no.**
Nurse call systems
 Ackermann: clino opt 90, 99 / clino phon 95 **70006A**
70006B
 clino opt 99 **70006C**

Design	Order no.	PU
white glossy	1236 00 02	10
polar white glossy	1236 00 69	10
stainless steel matt, lacquered	1236 90 04	10



Centre plate for pullcord push-button

- lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for pullcord push-button with pullcord and knob
- centre plate for plug-in fixing

Manufacturer product line **Art. no.**
Nurse call systems
 Ackermann: clino opt 90, 99 / clino phon 95 **70045A3**
70046A3
70046A

Design	Order no.	PU
white glossy	1233 00 02	10
polar white glossy	1233 00 69	10
stainless steel matt, lacquered	1233 90 04	10



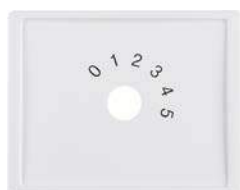
Centre plate with imprinted symbol curve for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

Manufacturer product line **Art. no.**
Nurse call systems
 Ackermann: clino opt 90, 99 / clino phon 95 **73120C**
73120H

Design	Order no.	PU
white glossy	1300 00 02	10
polar white glossy	1300 00 69	10
stainless steel matt, lacquered	1300 90 14	10



Centre plate with imprint "0 - 1 - 2 - 3 - 4 - 5" for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line **Art. no.**
Nurse call systems
 Ackermann: clino opt 90, 99 / clino phon 95 **73120A**

Design	Order no.	PU
white glossy	1301 00 02	10
polar white glossy	1301 00 69	10
stainless steel matt, lacquered	1301 90 04	10



Centre plate with microphone for interface unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line

Nurse call systems

Ackermann: clino opt 99 / clino phon 95

Art. no.

71049A
71048A

Design	Order no.	PU
white glossy	1302 00 02	1
polar white glossy	1302 00 69	1
stainless steel matt, lacquered	1302 90 04	1

Berker arsys Frames

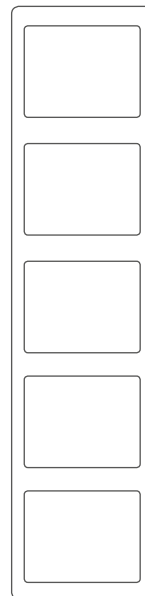
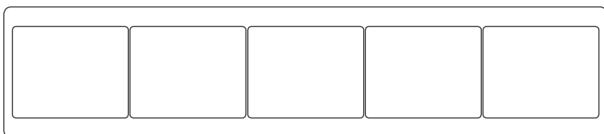
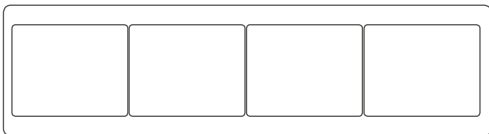
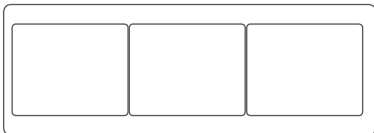
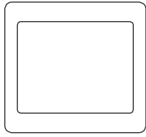
The frame and rocker of the arsys switch range are offered in glossy plastic with an especially scratch-resistant surface – in white, polar white and brown. Also available in stainless steel, aluminium painted light bronze or gold-anodised aluminium. The frame and special shape of the rockers give arsys a flat appearance. The frame ranges from 1-gang to 5-gang, with the vertical and horizontal frames differing because of the basic rectangular shape of arsys.



Berker arsys Frames	424
Surface-mounted frames	426

Berker arsys

Product examples



Dimensions

Frames 1gang

B 80.5 x H 80.5 mm, 1gang

Frames 2-5gang, horizontal

B 151.5 x H 80.5 mm, 2gang

B 222.5 x H 80.5 mm, 3gang

B 293.5 x H 80.5 mm, 4gang

B 364.5 x H 80.5 mm, 5gang

Frames 2-5gang, vertical

H 151.5 x B 80.5 mm, 2gang

H 222.5 x B 80.5 mm, 3gang

H 293.5 x B 80.5 mm, 4gang

H 364.5 x B 80.5 mm, 5gang





Frames / Covers / Central inserts

Plastic, glossy

white	similar to RAL 1013
polar white	similar to RAL 9010
brown	similar to RAL 8011
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003
yellow	similar to RAL 1004

Metal, matt finish

aluminium light bronze lacquered
aluminium gold anodised
stainless steel
copper, metal alloy
Individual articles, which, for technical reasons cannot be coated are lacquered.

* Note:

Our rockers, which are manufactured from thermosetting plastic, except for printed and painted areas and lenses, have an anti-bacterial action as documented by Test Report 4207318-01 from the Fresenius Institute. This has been verified and confirmed using tests similar to ISO22196 and JIS-Z-2801. The test report is available on request.



Frames

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Frame

▶ 942

Design	Order no.	PU
white glossy, 1gang	1313 00 02	10
white glossy, 2gang vertical	1323 00 02	2
white glossy, 3gang vertical	1333 00 02	2
white glossy, 4gang vertical	1343 00 02	2
white glossy, 5gang vertical	1353 00 02	2
white glossy, 2gang horizontal	1363 00 02	2
white glossy, 3gang horizontal	1373 00 02	2
white glossy, 4gang horizontal	1383 00 02	2
white glossy, 5gang horizontal	1393 00 02	2



Frame

▶ 942

Design	Order no.	PU
polar white glossy, 1gang	1313 00 69	10
polar white glossy, 2gang vertical	1323 00 69	2
polar white glossy, 3gang vertical	1333 00 69	2
polar white glossy, 4gang vertical	1343 00 69	2
polar white glossy, 5gang vertical	1353 00 69	2
polar white glossy, 2gang horizontal	1363 00 69	2
polar white glossy, 3gang horizontal	1373 00 69	2
polar white glossy, 4gang horizontal	1383 00 69	2
polar white glossy, 5gang horizontal	1393 00 69	2



Frame

▶ 942

Design	Order no.	PU
brown glossy, 1gang	1313 00 01	10
brown glossy, 2gang vertical	1323 00 01	2
brown glossy, 3gang vertical	1333 00 01	2
brown glossy, 4gang vertical	1343 00 01	2
brown glossy, 5gang vertical	1353 00 01	2
brown glossy, 2gang horizontal	1363 00 01	2
brown glossy, 3gang horizontal	1373 00 01	2
brown glossy, 4gang horizontal	1383 00 01	2
brown glossy, 5gang horizontal	1393 00 01	2



Frame

▶ 942

Design	Order no.	PU
light bronze matt, aluminium lacquered, 1gang	1314 00 01	10
light bronze matt, aluminium lacquered, 2gang vertical	1324 00 01	2
light bronze matt, aluminium lacquered, 3gang vertical	1334 00 01	2
light bronze matt, aluminium lacquered, 4gang vertical	1344 00 01	2
light bronze matt, aluminium lacquered, 5gang vertical	1354 00 01	2
light bronze matt, aluminium lacquered, 2gang horizontal	1364 00 01	2
light bronze matt, aluminium lacquered, 3gang horizontal	1374 00 01	2
light bronze matt, aluminium lacquered, 4gang horizontal	1384 00 01	2
light bronze matt, aluminium lacquered, 5gang horizontal	1394 00 01	2



Frame

▶ 942

Suitable for
Sealing ring for wall-tight installation of flush-mounted devices

Order no.

Page
page 412

Design	Order no.	PU
stainless steel, metal matt finish, 1gang	1314 00 04	10
stainless steel, metal matt finish, 2gang vertical	1324 00 04	2
stainless steel, metal matt finish, 3gang vertical	1334 00 04	2
stainless steel, metal matt finish, 4gang vertical	1344 00 04	2
stainless steel, metal matt finish, 5gang vertical	1354 00 04	2
stainless steel, metal matt finish, 2gang horizontal	1364 00 04	2
stainless steel, metal matt finish, 3gang horizontal	1374 00 04	2
stainless steel, metal matt finish, 4gang horizontal	1384 00 04	2
stainless steel, metal matt finish, 5gang horizontal	1394 00 04	2



Frame

▶ 942

Design	Order no.	PU
gold matt, aluminium anodised, 1gang	1314 00 02	10
gold matt, aluminium anodised, 2gang vertical	1324 00 02	2
gold matt, aluminium anodised, 3gang vertical	1334 00 02	2
gold matt, aluminium anodised, 4gang vertical	1344 00 02	2
gold matt, aluminium anodised, 5gang vertical	1354 00 02	2
gold matt, aluminium anodised, 2gang horizontal	1364 00 02	2
gold matt, aluminium anodised, 3gang horizontal	1374 00 02	2
gold matt, aluminium anodised, 4gang horizontal	1384 00 02	2
gold matt, aluminium anodised, 5gang horizontal	1394 00 02	2



Frame

▶ 942

– for emphasising special switches, socket outlets, etc.

Design	Order no.	PU
red glossy, 1gang	1313 00 62	10
red glossy, 2gang vertical	1323 00 62	2
red glossy, 2gang horizontal	1363 00 62	2

Surface-mounted frames



Frame surface-mounted

Installation depth 33.5 mm – entry at top and bottom possible
– with cable and duct entry

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

Flush-mounted devices can be used with surface-mounted frames for surface-mounted installation.

Suitable for optional
Base plates
Entries/connectors

Order no.

Page

page 426
page 676

Design	Order no.	PU
white glossy, 1gang	1029 00 02	10
white glossy, 2gang	1030 00 02	10
white glossy, 3gang	1031 00 02	5
polar white glossy, 1gang	1029 00 69	10
polar white glossy, 2gang	1030 00 69	10
polar white glossy, 3gang	1031 00 69	5
brown glossy, 1gang	1029 00 01	10
brown glossy, 2gang	1030 00 01	10
brown glossy, 3gang	1031 00 01	5
light bronze matt, lacquered, 1gang	1029 90 11	10
light bronze matt, lacquered, 2gang	1030 90 11	10
light bronze matt, lacquered, 3gang	1031 90 11	5
stainless steel, lacquered, 1gang	1029 90 04	10
stainless steel, lacquered, 2gang	1030 90 04	10
stainless steel, lacquered, 3gang	1031 90 04	5
red glossy, 1gang	1029 00 62	10
red glossy, 2gang	1030 00 62	10
red glossy, 3gang	1031 00 62	5

Base plates



Base plate 1gang, self-extinguishing

For surface-mounted frames of the design lines Berker Arsys.

– with imprint
– for mounting on combustible base surface

Suitable for
Surface-mounted frames

Order no.

Page
page 426

Design	Order no.	PU
white	1021 12	10



Base plate 2gang, self-extinguishing

For surface-mounted frames of the design lines Berker Arsys.

– with imprint
– for mounting on combustible base surface

Suitable for
Surface-mounted frames

Order no.

Page
page 426

Design	Order no.	PU
white	1021 22	10



Base plate 3gang, self-extinguishing

For surface-mounted frames of the design lines Berker Arsys.

– with imprint
– for mounting on combustible base surface

Suitable for
Surface-mounted frames

Order no.

Page
page 426

Design	Order no.	PU
white	1021 32	10

Berker R.1 | R.3 | R.8 Inserts

An all-round success: the switch ranges R.1, R.3 and R.8 make for a distinct and multiple award-winning design. As the only switch ranges on the German market, they consistently use round centre plates. The central inserts are made from glossy plastic in polar white or black and enable a wide variety of timelessly elegant designs in combination with the diversity of materials and colours used for the frames.



SCHUKO socket outlets	430
International socket outlet systems	433
Covers for switches/push-buttons	435
Timers	438
Electronics platform	438
Covers for dimmers	440
Covers for blind switches/push-buttons	440
HVAC controllers and covers	441
Communication/multimedia technology	443
Pilot lamps	446
Supplementary products	447
Hotel applications	448
Accessible construction	449

SCHUKO socket outlets

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

SCHUKO socket outlets



SCHUKO socket outlet

Rated voltage 250 V~ - with plug-in terminals
Rated current 16 A

▶ 895



Design	Order no.	PU
polar white glossy	4743 20 89	10
black glossy	4743 20 45	10



SCHUKO socket outlet

- enhanced contact protection - with plug-in terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A



Design	Order no.	PU
polar white glossy	4723 20 89	10
black glossy	4723 20 45	10



SCHUKO socket outlet

- screw-in lift terminals - with screw-in lift terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A



Design	Order no.	PU
polar white glossy	4143 20 89	10
black glossy	4143 20 45	10



SCHUKO socket outlet

- enhanced contact protection - with screw-in lift terminals
- screw-in lift terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A



Design	Order no.	PU
polar white glossy	4123 20 89	10
black glossy	4123 20 45	10



SCHUKO socket outlet 45°

▶ 895

Rated voltage 250 V~ – for diagonal installation
 Rated current 16 A – with plug-in terminals

Specially suited for combining several socket outlets if right angle plugs are used.

Design	Order no.	PU
polar white glossy	4727 20 89	10
black glossy	4727 20 45	10



SCHUKO socket outlet with LED orientation light

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~
 Frequency 50/60 Hz
 Rated current 16 A
 Power consumption 0.25 W/0.35 VA
 Switch-on brightness ca. 2 lx
 Switch-off brightness ca. 4 lx
 Light intensity (white) 0.2 cd

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

Caution!
 Items with special flush-mounted insert.
 Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
polar white glossy	4109 20 89	10
black glossy	4109 20 45	10



SCHUKO socket outlet with control LED

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~
 Rated current 16 A

- with screw-in lift terminals

Design	Order no.	PU
polar white glossy	4110 20 89	10
black glossy	4110 20 45	10



Double SCHUKO socket outlet with cover plate, high

▶ 895

Rated voltage 250 V~
 Rated current 16 A

Caution!
 The cover plate with earth handle must be installed prior to commissioning.

- integrated earth handle in cover frame provides protection against soiling during painting and renovation work
- with plug-in terminals

Design	Order no.	PU
Berker R.1		
polar white glossy	4774 20 89	10
black glossy	4774 20 45	10
Berker R.3		
polar white glossy	4774 70 09	10
black glossy	4774 22 45	10





Double SCHUKO socket outlet with cover plate, high

▶ 895

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

- integrated earth handle in cover frame provides protection against soiling during painting and renovation work
- with plug-in terminals

Caution!
The cover plate with earth handle must be installed prior to commissioning.

Design	Order no.	PU
Berker R.1		
polar white glossy	4759 20 89	10
black glossy	4759 20 45	10
Berker R.3		
polar white glossy	4759 70 09	10
black glossy	4759 22 45	10



Combination SCHUKO socket outlet 2gang with frame

▶ 895

Rated voltage 250 V~
Rated current 16 A

- 2 x 1gang, wired-through
- without spreader claws
- with plug-in terminals

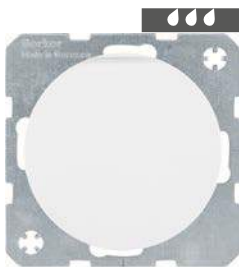
For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

Design	Order no.	PU
Berker R.3		
polar white glossy	4720 20 89	5
black glossy	4720 20 45	5



SCHUKO socket outlets with hinged cover

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.



SCHUKO socket outlet with hinged cover

▶ 895

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

- with self-closing hinged covers
- with imprint
- with plug-in terminals

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 76 00	448

Design	Order no.	PU
polar white glossy	4751 20 89	10
black glossy	4751 20 45	10



SCHUKO socket outlet with hinged cover

▶ 895

- enhanced contact protection
- installation position variable in 45° steps



Rated voltage 250 V~
Rated current 16 A

- with self-closing hinged covers
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Specially suited for use of right angle plugs.

Design	Order no.	PU
polar white glossy	4744 20 89	10
black glossy	4744 20 45	10



SCHUKO socket outlets for special applications



SCHUKO socket outlet with imprint

Rated voltage 250 V~ – with plug-in terminals
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy, imprint "EDV"	4743 20 22	10
green glossy, imprint "SV"	4743 20 03	10
orange glossy, imprint "ZSV"	4743 20 07	10



SCHUKO socket outlet with control LED and imprint

- enhanced contact protection – with screw-in lift terminals
- screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
red glossy, imprint "EDV"	4110 20 22	10
green glossy, imprint "SV"	4110 20 03	10
orange glossy, imprint "ZSV"	4110 20 07	10



International socket outlet systems

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

Socket outlets without earthing contact



Socket outlet without earthing contact

Rated voltage 250 V~ – 2pole
Rated current 16 A – without spreader claws
Mirror depth 8 mm – with plug-in terminals

Design	Order no.	PU
polar white glossy	61 6703 20 89	10
black glossy	61 6703 20 45	10



Socket outlets with earthing pin



Socket outlet with earthing pin

- enhanced contact protection – 2pole + earth
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
polar white glossy	67 6876 20 89	10
black glossy	67 6876 20 45	10





Socket outlet with earthing pin

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

- 2pole + earth
- with screw-in lift terminals

▶ 895



Design	Order no.	PU
polar white glossy	67 6576 20 89	10
black glossy	67 6576 20 45	10



Socket outlet with earthing pin and LED orientation light

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~
Frequency 50/60 Hz
Rated current 16 A
Power consumption 0.25 W/0.35 VA
Switch-on brightness ca. 2 lx
Switch-off brightness ca. 4 lx
Light intensity (white) 0.2 cd

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- 2pole + earth
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

▶ 895

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.



Design	Order no.	PU
polar white glossy	67 6510 20 89	10
black glossy	67 6510 20 45	10



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

- 2pole + earth
- with screw-in lift terminals

▶ 895



Design	Order no.	PU
polar white glossy	67 6509 20 89	10
black glossy	67 6509 20 45	10

Socket outlets with earthing pin and hinged cover



Socket outlet with earthing pin and hinged cover

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm




- with self-closing hinged covers
- with imprint
- 2pole + earth
- with plug-in terminals

▶ 895




Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 76 00	448






Design	Order no.	PU
polar white glossy	67 6877 20 89	10
black glossy	67 6877 20 45	10

	Socket outlet with earthing pin and hinged cover ▶ 895										
	<ul style="list-style-type: none"> - enhanced contact protection - screw-in lift terminals 	<ul style="list-style-type: none"> - with self-closing hinged covers - 2pole + earth - with screw-in lift terminals 									
	<p>Rated voltage 250 V~</p> <p>Rated current 16 A</p> <p>Mirror depth 14.5 mm</p>	<table border="0"> <tr> <td>Suitable for optional</td> <td>Order no.</td> <td>Page</td> </tr> <tr> <td>Sealing set for socket outlets/centre plates</td> <td>1010 76 00</td> <td>448</td> </tr> </table>	Suitable for optional	Order no.	Page	Sealing set for socket outlets/centre plates	1010 76 00	448			
Suitable for optional	Order no.	Page									
Sealing set for socket outlets/centre plates	1010 76 00	448									
	<table border="0"> <tr> <td>Design</td> <td>Order no.</td> <td>PU</td> </tr> <tr> <td>polar white glossy</td> <td>67 6583 20 89</td> <td>10</td> </tr> <tr> <td>black glossy</td> <td>67 6583 20 45</td> <td>10</td> </tr> </table>	Design	Order no.	PU	polar white glossy	67 6583 20 89	10	black glossy	67 6583 20 45	10	
Design	Order no.	PU									
polar white glossy	67 6583 20 89	10									
black glossy	67 6583 20 45	10									

Socket outlets with earthing pin for special applications


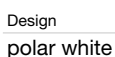

	Socket outlet with earth contact pin ▶ 895													
	<ul style="list-style-type: none"> - enhanced contact protection - screw-in lift terminals 	<ul style="list-style-type: none"> - 2pole + earth - with screw-in lift terminals 												
	<p>Rated voltage 250 V~</p> <p>Rated current 16 A</p>													
	<table border="0"> <tr> <td>Design</td> <td>Order no.</td> <td>PU</td> </tr> <tr> <td>red glossy</td> <td>67 6576 20 22</td> <td>10</td> </tr> <tr> <td>green glossy</td> <td>67 6576 20 03</td> <td>10</td> </tr> <tr> <td>orange glossy</td> <td>67 6576 20 07</td> <td>10</td> </tr> </table>	Design	Order no.	PU	red glossy	67 6576 20 22	10	green glossy	67 6576 20 03	10	orange glossy	67 6576 20 07	10	
Design	Order no.	PU												
red glossy	67 6576 20 22	10												
green glossy	67 6576 20 03	10												
orange glossy	67 6576 20 07	10												

	Socket outlet with earth contact pin and monitoring LED ▶ 895													
	<ul style="list-style-type: none"> - enhanced contact protection - screw-in lift terminals 	<ul style="list-style-type: none"> - 2pole + earth - with screw-in lift terminals 												
	<p>Rated voltage 250 V~</p> <p>Rated current 16 A</p>													
	<p>Insert colour-coded.</p>													
	<table border="0"> <tr> <td>Design</td> <td>Order no.</td> <td>PU</td> </tr> <tr> <td>red glossy</td> <td>67 6509 20 22</td> <td>10</td> </tr> <tr> <td>green glossy</td> <td>67 6509 20 03</td> <td>10</td> </tr> <tr> <td>orange glossy</td> <td>67 6509 20 07</td> <td>10</td> </tr> </table>	Design	Order no.	PU	red glossy	67 6509 20 22	10	green glossy	67 6509 20 03	10	orange glossy	67 6509 20 07	10	
Design	Order no.	PU												
red glossy	67 6509 20 22	10												
green glossy	67 6509 20 03	10												
orange glossy	67 6509 20 07	10												

Covers for switches/push-buttons

Rockers

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.

	Rocker ▶ 895										
	<ul style="list-style-type: none"> - enhanced contact protection - screw-in lift terminals 	<ul style="list-style-type: none"> - 2pole + earth - with screw-in lift terminals 									
	<p>Rated voltage 250 V~</p> <p>Rated current 16 A</p>										
	<p>Insert colour-coded.</p>										
	<table border="0"> <tr> <td>Design</td> <td>Order no.</td> <td>PU</td> </tr> <tr> <td>polar white glossy</td> <td>1620 20 89</td> <td>10</td> </tr> <tr> <td>black glossy</td> <td>1620 20 45</td> <td>10</td> </tr> </table>	Design	Order no.	PU	polar white glossy	1620 20 89	10	black glossy	1620 20 45	10	
Design	Order no.	PU									
polar white glossy	1620 20 89	10									
black glossy	1620 20 45	10									

☐☐☐☐ Rocker with imprinted symbol for light



Design	Order no.	Page
polar white glossy, with imprinted symbol for light	1620 20 79	10
black glossy, with imprinted symbol for light	1620 20 35	10

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	448

☐☐☐☐ Rocker with imprinted symbol for bell



Design	Order no.	Page
polar white glossy, with imprinted symbol for bell	1620 20 69	10
black glossy, with imprinted symbol for bell	1620 20 25	10

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	448

☐☐☐☐ Rocker with imprinted symbol for door opener



Design	Order no.	Page
polar white glossy, with imprinted symbol for door opener	1620 20 59	10
black glossy, with imprinted symbol for door opener	1620 20 15	10

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	448

☐☐☐☐ Rocker

- clear lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Design	Order no.	Page
polar white glossy	1621 20 89	10
black glossy	1621 20 45	10

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	448

☐☐☐☐ Rocker with imprinted symbol for light

- clear lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Design	Order no.	Page
polar white glossy	1621 20 79	10
black glossy	1621 20 35	10

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	448

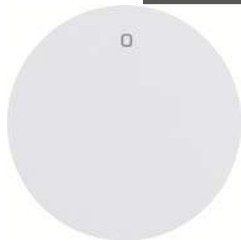
Rockers for multi-pole rocker switches



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.



Rocker with imprint "0"



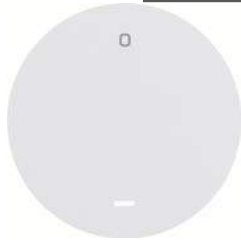
Design	Order no.	Page
polar white glossy	1622 20 89	10
black glossy	1622 20 45	10

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26
optional		
Sealing set for switches/push-buttons	1010 77 00	448



Rocker with imprint "0"

- clear lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Design	Order no.	Page
polar white glossy	1624 20 89	10
black glossy	1624 20 45	10

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26
optional		
Sealing set for switches/push-buttons	1010 77 00	448

- for illumination and monitoring circuit

Multiple Rockers

Rocker 2gang



Design	Order no.	Page
polar white glossy	1623 20 89	10
black glossy	1623 20 45	10

Suitable for	Order no.	Page
Rocker switches, 2gang		page 29
Series push-buttons		page 29

- for rockers switches

- for rockers push-buttons and group rockers push-buttons

Rocker 2gang

- clear lens



Design	Order no.	Page
polar white glossy	1627 20 89	10
black glossy	1627 20 45	10

Suitable for	Order no.	Page
Rocker switches, 2gang		page 29
Series push-buttons		page 29

- for illumination and monitoring circuit

- for rockers switches

- for rockers push-buttons and group rockers push-buttons

Rocker 3gang



Design	Order no.	Page
polar white glossy	1665 20 89	10
black glossy	1665 20 45	10

Suitable for	Order no.	Page
On/off switch 3gang	6330 23	32

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

Suitable for
Pullcord switches/pullcord push-buttons

Order no.

Page
page 32

Design	Order no.	PU
polar white glossy	1146 20 89	10
black glossy	1146 20 45	10

Centre plates for key switches/key push-buttons

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 78 00.



Centre plate for key switch/key push-button



– for master-key systems

Suitable for
Key switches/key push-buttons
Lock cylinder
optional
Sealing set for key switch/key push-button

Order no.
1818 ..
1010 78 00

Page
page 33
62
448

Design	Order no.	PU
polar white glossy	1507 20 89	10
black glossy	1507 20 45	10

Timers

Centre plates for mechanical timer



Centre plate for mechanical timer

– with time scale symbol imprint

Suitable for
Mechanical timer

Order no.

Page
page 49

Design	Order no.	PU
with time scale 15 min		
polar white glossy	1632 20 89	1
black glossy	1632 20 45	1
with time scale 120 min		
polar white glossy	1633 20 89	1
black glossy	1633 20 45	1



Electronics platform

Buttons for switches/dimmers



Button 1gang

Operating voltage

via insert – with 2-push-buttons operation concept
– low intrinsic energy requirement

896

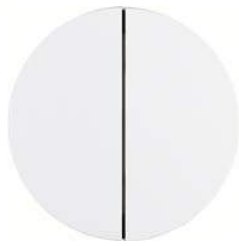
Suitable for
Relay insert
Switch insert 1gang
Touch dimmer (R, L)
Universal touch dimmer 1gang
DALI/DSI control insert

Order no.
8512 12 00
8512 11 00
8542 11 00
8542 12 00
8542 17 00

Page
36
37
38
38
39

Design	Order no.	PU
polar white glossy	8514 11 39	1
black glossy	8514 11 31	1





Button 2gang

Operating voltage

via insert – with 2-push-buttons operation concept per series
– low intrinsic energy requirement

▶ 896

Suitable for	Order no.	Page
Switch insert 2gang	8512 22 00	37
Universal touch dimmer 2gang	8542 21 00	39



Design	Order no.	PU
polar white glossy	8514 21 39	1
black glossy	8514 21 31	1

Motion detector covers



IR Motion detector comfort

Delay time, adjustable

≈ 10 s ... 30 min

– with memory function for presence simulation
– party function for switching on for 2 hours
– teach function for response brightness via button
– with keylock
– with button for on/off/automatic
– step operation with immunity time (e.g. for stair light/ impact current circuits)
– low intrinsic energy requirement

▶ 896

Suitable for	Order no.	Page
Inserts		page 72

Design	Order no.	PU
--------	-----------	----

Nominal mounting height 1.1 m

polar white glossy	8534 12 39	1
black glossy	8534 12 31	1

Nominal mounting height 2.2 m

polar white glossy	8534 22 39	1
black glossy	8534 22 31	1



Motion detector

Delay time

≈ 180 s

– with memory function for presence simulation
– party function for switching on for 2 hours
– teach function for response brightness via button
– with keylock
– with button for on/off/automatic
– low intrinsic energy requirement

▶ 896

Suitable for	Order no.	Page
Inserts		page 72

Design	Order no.	PU
--------	-----------	----

Nominal mounting height 1.1 m

polar white glossy	8534 11 39	1
black glossy	8534 11 31	1

Nominal mounting height 2.2 m

polar white glossy	8534 21 39	1
black glossy	8534 21 31	1



Blind buttons



Blind button

Delay time, adjustable
Self-retaining for 2 min on button-press
Running time

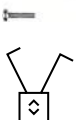
0 s ... 500 s
> 0.4 s
max. 2 min

– memory function for automatic execution of learned up and down times with position
– party function, no execution of automatic, radio and extension unit commands (lock-out protection)
– can be switched to orientation led by extension unit
– low intrinsic energy requirement

▶ 896

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	92

Design	Order no.	PU
polar white glossy	8524 11 39	1
black glossy	8524 11 31	1



Time switches for blinds

Blind time switch

▶ 896



- display

Number of operation times for up/down 20
 Power reserve ≈ 24 h
 Self-retaining for 2 min on button-press > 0.5 s
 Running time 2 min

- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- with keylock
- reset function (to factory setting)
- with switchover manual/automatic mode
- can be switched to orientation led by extension unit
- low intrinsic energy requirement
- 2 independent preset programme memories, individually adaptable
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	92



Design	Order no.	PU
polar white glossy	8574 11 39	1
black glossy	8574 11 31	1

Covers for dimmers

Centre plates for rotary dimmers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

Centre plate for rotary dimmer/rotary potentiometer



- setting knob



Suitable for	Order no.	Page
Rotary dimmers		page 44
Rotary potentiometers DALI		page 46
1-10 V Rotary potentiometers		page 47
optional		
Sealing set for socket outlets/centre plates	1010 76 00	448

Design	Order no.	PU
polar white glossy	1137 20 89	10
black glossy	1137 20 45	10

Covers for blind switches/push-buttons

Rockers with imprint

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.

Rocker with imprinted arrows symbol



Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	30
optional		
Sealing set for switches/push-buttons		page 448

Design	Order no.	PU
polar white glossy	1620 20 49	10
black glossy	1620 20 05	10

Rocker 2gang with imprinted arrow symbol



Suitable for	Order no.	Page
Blind series push-button 1pole	5035 20	84
Blind series switch 1pole	3035 20	66

Design	Order no.	PU
polar white glossy	1625 20 89	10
black glossy	1625 20 45	10



Rocker 2gang with imprinted arrows symbol

Suitable for
Group series push-button, 4 NO contacts,
common input terminal

Order no. 5034 04

Page 30

Design	Order no.	PU
polar white glossy	1644 20 89	10
black glossy	1644 20 45	10

Centre plates for rotary switches for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.



Centre plate with rotary knob for rotary switch for blinds

– with imprint

Suitable for
Rotary switches for blinds
optional
Sealing set for socket outlets/centre plates 1010 76 00 448
Interlock disk for rotary switch for blinds 1861 01 87

Order no.

Page page 86

Design	Order no.	PU
polar white glossy	1080 20 89	1
black glossy	1080 20 45	1

Centre plates for key switches/key push-buttons for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 78 00.



Centre plate for key push-button for blinds/key switch

– with imprint
– for master-key systems
– for lock cylinder

Suitable for
Switch for blinds 1pole for lock cylinder 3821 20 89
Switch for blinds 2pole for lock cylinder 3822 10 90
Push-button for blinds 1pole for lock cylinder 3831 .. 90
Push-button for blinds 2pole for lock cylinder 3832 10 90
Lock cylinder 1818 .. 62
optional
Sealing set for key switch/key push-button 1010 78 00 448

Order no.

Page

Design	Order no.	PU
polar white glossy	1506 20 89	10
black glossy	1506 20 45	10

HVAC controllers and covers

Thermostats

New



Thermostat, NO contact, with centre plate

- time-controlled

– for time-dependent single-room or floor temperature control for electric and hot water heating systems



Rated voltage 230 V~
Frequency 50 Hz
Energy efficiency class I (1%)
Ambient temperature +0 ... +35 °C

▶ 885

IP30

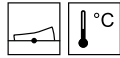
Design	Order no.	PU
polar white glossy	★ 2046 20 89	1
black glossy	★ 2046 20 45	1



Thermostat, NO contact, with centre plate, for underfloor heating

▶ 884

- rocker switch
- external temperature sensor



Rated voltage	250 V~
Frequency	50 Hz
Energy efficiency class	I (1%)



Design	Order no.	PU
polar white glossy	2034 20 89	1
black glossy	2034 20 45	1



Temperature controller, change-over contact, with centre plate

▶ 884

Rated voltage	250 V~	- for heating or cooling mode
Frequency	50/60 Hz	
Energy efficiency class	I (1%)	



Design	Order no.	PU
polar white glossy	2026 20 89	1
black glossy	2026 20 45	1



Temperature controller, NC contact, with centre plate

▶ 884

- rocker switch



Rated voltage	250 V~
Frequency	50 Hz
Energy efficiency class	I (1%)



Design	Order no.	PU
polar white glossy	2030 20 89	1
black glossy	2030 20 45	1

Rockers for heating applications

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.



Rocker with imprint "Heizung"

- clear lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for monitoring circuit

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	448

Design	Order no.	PU
polar white glossy	1621 20 49	10

Centre plates for air conditioner/fan controllers

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

 **Centre plate with rotary knob for 3-step switch**



Design
without 0-position, imprint 2-1-3

Suitable for	Order no.	Page
3-step switches	3861 ..	108
optional		
Sealing set for socket outlets/centre plates	1010 76 00	448

Design	Order no.	PU
polar white glossy	1084 20 89	1
black glossy	1084 20 45	1

with 0-position, imprint 0-1-2-3

polar white glossy	1096 20 89	1
black glossy	1096 20 45	1



 **Centre plate for speed controller**

- **setting knob**

- with imprinted symbol curve



Suitable for	Order no.	Page
Speed controller	2968 01	109
optional		
Sealing set for socket outlets/centre plates	1010 76 00	448

Axis dimension Ø

4 mm

Design	Order no.	PU
polar white glossy	1137 20 79	10
black glossy	1137 20 35	10

Communication/multimedia technology

Covers data communications / telecommunications

Centre plate with TAE cut-out

- also for KNX applications: USB data interface, flush-mounted



Suitable for	Order no.	Page
Modular FCC socket outlets		page 118
Loudspeaker connector box	4572 ..	137
Stereo loudspeaker connector box	4573 ..	137
230 V USB charging socket outlet 2gang, 3 A	2602 19 ..	514

Design	Order no.	PU
polar white glossy	1038 20 89	10
black glossy	1038 20 45	10

Centre plate with TDO cut-out

- also for KNX applications: USB data interface, flush-mounted



Suitable for	Order no.	Page
Loudspeaker connector box	4572 ..	137
Stereo loudspeaker connector box	4573 ..	137
230 V USB charging socket outlet 2gang, 3 A	2602 0 ..	135

Design	Order no.	PU
polar white glossy	68 1033 20 89	10
black glossy	68 1033 20 45	10



Centre plate for FCC socket outlet

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- for WLAN access-points
- with 45° oblique outlet

Suitable for	Order no.	Page
FCC socket outlets 1gang		page 114
WLAN Access-Point UP	4582	115
WLAN Access-Point flush-mounted, PoE	4583	115

Design	Order no.	PU
polar white glossy	1407 20 89	10
black glossy	1407 20 45	10



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- with 45° oblique outlet

Suitable for	Order no.	Page
FCC socket outlets 2gang		page 116

Design	Order no.	PU
polar white glossy	1409 20 89	10
black glossy	1409 20 45	10



Centre plate with dust protection slider

- for supporting plates with coloured mounting device 1gang, order no. 4540 0 .. und 4542 01, see chapter **communication/multimedia technology**

Design	Order no.	PU
polar white glossy ¹⁾	1170 20 89	10
black glossy ¹⁾	1170 20 45	10

¹⁾without labelling field



Centre plate with 2 dust protection sliders

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 0 .. and 4542 02, see chapter **communication/multimedia technology**

Design	Order no.	PU
polar white glossy ¹⁾	1181 20 89	10
black glossy ¹⁾	1181 20 45	10

¹⁾without labelling field

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

Suitable for	Order no.	Page
Aerial sockets		page 128

Design	Order no.	PU
polar white glossy	1203 20 89	10
black glossy	1203 20 45	10



Centre plate for aerial socket 4hole (Ankaro)

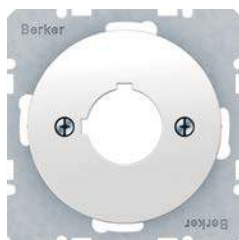
For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

- with 2 additional SAT outputs (F-sockets)

Suitable for	Order no.	Page
Aerial socket 4hole single box	4594 10	129

Design	Order no.	PU
polar white glossy	1484 20 89	10
black glossy	1484 20 45	10

Centre plates for signalling and command units



Centre plate with installation opening Ø 22.5 mm

- Screw spacing 36 mm
- with supporting plate
 - without spreader claws
 - with cut-out dia. 22.5 mm

For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

Installation aperture according to IEC 60947-5-1

Design	Order no.	PU
polar white glossy	1432 20 89	10
black glossy	1432 20 45	10
yellow glossy	1432 20 06	10

Covers Audio



Centre plate for loudspeaker socket outlet

- 1 knock out opening

Suitable for	Order no.	Page
Loudspeaker socket outlet High End	4505 02	139

Design	Order no.	PU
polar white glossy	1196 20 89	10
black glossy	1196 20 45	10

Video socket outlets



VGA socket outlet

- Frequency range video max. 160 MHz
- Resolution max. 1280 x 1024 px
- S-VGA compatible

▶ 886

Design	Order no.	PU
with double jack		
polar white glossy	33 1540 20 89	10
black glossy	33 1540 20 45	10
back side, with screw-in lift terminals		
polar white glossy ¹⁾	33 1541 20 89	10
black glossy ¹⁾	33 1541 20 45	10

¹⁾for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets



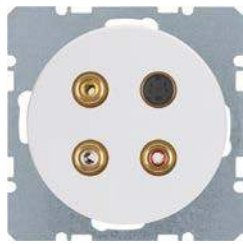
High definition socket outlet

- Transmission rate max. 8.16 GBit/s
- Resolution max. 1920 x 1080 px
- gold-plated contacts
 - with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
 - 19pole

▶ 892

Design	Order no.	PU
back side, with straight socket		
polar white glossy	33 1542 20 89	10
black glossy	33 1542 20 45	10
back side, with 90° angle socket		
polar white glossy	33 1543 20 89	10
black glossy	33 1543 20 45	10





3 x Cinch/S-Video socket outlet

Frequency range audio
Frequency range video

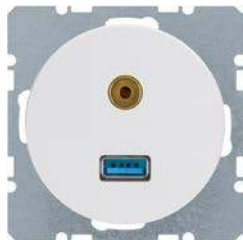
20 ... 20000 Hz
max. 160 MHz

- gold-plated contacts
- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack

▶ 892



Design	Order no.	PU
polar white glossy	33 1532 20 89	10
black glossy	33 1532 20 45	10



USB/3.5 mm audio socket outlet

USB transmission rate
Frequency range audio

max. 5 GBit/s
20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB, double socket type A, USB 3.0 compliant
- reverse-compatible to USB 2.0

▶ 892

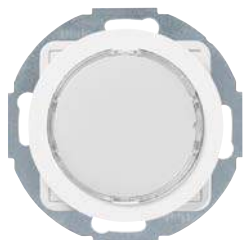
NEW, available from September 2018!
With **USB 3.0** double jack.



Design	Order no.	PU
polar white glossy	33 1539 20 89	10
black glossy	33 1539 20 45	10

Pilot lamps

LED signal lights



LED signal light, white lighting

Rated voltage
Frequency
Power consumption

230 V~
50/60 Hz
at 230 V~, 50 Hz - max. 1 W

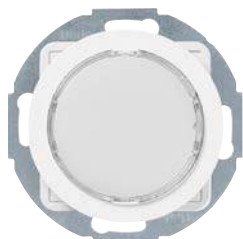
- for signalling notices, information or warnings
- brightness modifiable via potentiometer
- light colour cold white
- switchable via separate switch

▶ 875

Suitable for optional	Order no.	Page
Foil for round LED signal light		page 54



Design	Order no.	PU
polar white glossy	2953 20 89	1
black glossy	2953 20 45	1



LED signal light, RGB

Rated voltage
Frequency
Power consumption

230 V~
50/60 Hz
at 195...265 V~, 50/60 Hz - max. 3.7 W

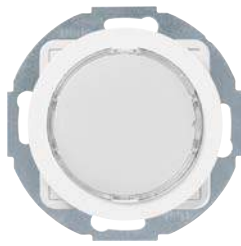
- for signalling notices, information or warnings
- brightness modifiable via potentiometer
- light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence callable via push-button
- colour sequence can be stopped at any position via the push-button.
- colour is switchable via an external switch

▶ 875

Suitable for optional	Order no.	Page
Foil for round LED signal light		page 54



Design	Order no.	PU
polar white glossy	2951 20 89	1
black glossy	2951 20 45	1



LED signal light, red/green lighting

▶ 875

Rated voltage 230 V~ – for signalling of e.g. access control
 Frequency 50/60 Hz – switchable between red and green via separate switches
 Power consumption at 230 V~, 50 Hz - per colour max. 0.5 W

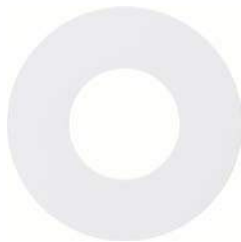
Suitable for optional	Order no.	Page
Foil bi-colour for round LED signal light		page 55



Design	Order no.	PU
polar white glossy	2952 20 89	1
black glossy	2952 20 45	1

Pilot lamps

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.



Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.2 mm – centre plate for plug-in fixing

Suitable for	Order no.	Page
Cover for push-button/pilot lamp E10		page 56
Knob for push-button/pilot lamp E10		page 57
LED lamp E10		page 57
Neon lamp E10		page 57
Push-button/pilot lamp E10, NO contact	5101 ..	55

Design	Order no.	PU
polar white glossy	1124 20 89	10
black glossy	1124 20 45	10



Centre plate for pilot lamp E14

For LEDs, incandescent lamps and covers see "Supplementary products".

Suitable for	Order no.	Page
Cover for pilot lamp E14		page 58
LED lamp E14		page 58
Incandescent lamp E14		page 59
Pilot lamp E14	5131 02	57
optional		
Sealing set for socket outlets/centre plates	1010 76 00	448

Design	Order no.	PU
polar white glossy	1198 20 89	10
black glossy	1198 20 45	10

Supplementary products

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



Blind plug with centre plate

– on supporting plate without cut-out
 – centre plate for plug-in fixing
 – without spreader claws

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 76 00	448



Design	Order no.	PU
polar white glossy	1009 20 89	20
black glossy	1009 20 45	20



Centre plate for cable outlet

Suitable for	Order no.	Page
Cable outlet with low installation depth	4468 ..	130

Design	Order no.	PU
polar white glossy	1019 20 89	10
black glossy	1019 20 45	10

Sealings IP44



Sealing set for socket outlets/centre plates

Suitable for	Order no.	Page
Centre plates for rotary dimmers		page 440
Centre plates for rotary switches for blinds		page 441
Centre plates for air conditioner/fan controllers		page 443
Centre plate for pilot lamp E14		page 447
Frames		page 456
Blind plug with centre plate	1009 20 ..	447
SCHUKO socket outlet with hinged cover	4751 20 ..	432
Socket outlet with earthing pin and hinged cover	67 6583 20 ..	435
Socket outlet with earthing pin and hinged cover	67 6877 20 ..	434

Design	Order no.	PU
Berker R.1 R.3		
transparent	1010 76 00	1



Sealing set for switches/push-buttons

– with IP44 fixing piece to screw on

Suitable for	Order no.	Page
Rockers		page 435
Rockers for multi-pole rocker switches		page 437
Rockers - accessible construction		page 449
Frames		page 456

Design	Order no.	PU
Berker R.1 R.3		
transparent	1010 77 00	1



Sealing set for key switch/key push-button

- for change-over switches/push-buttons for lock cylinders with additional earthing cylinder
- for switches/push-buttons for lock cylinders with additional earthing cylinder

Suitable for	Order no.	Page
Frames		page 456
Centre plate for key push-button for blinds/ key switch	1506 20 ..	91
Centre plate for key switch/key push-button	1507 20 ..	438

Design	Order no.	PU
Berker R.1 R.3		
transparent	1010 78 00	1

Hotel applications



Relay switch with centre plate for hotel card

▶ 881

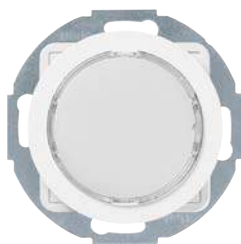
Rated voltage	230 V~ +10/-15 %	– with potentiometer for incremental adjustment of delay time
Switching current	10 A	– illuminated with blue LED if hotel card is not inserted
Frequency	50/60 Hz	– with potential-free contact
Delay time incrementally adjustable	0, 15, 30, 60 s	
Power consumption	< 0.2 W	
230 V incandescent lamps and halogen lamps	1500 W	
Conventional transformers	1500 VA	
Electronic transformers	1500 W	
Fluorescent lamps:		
- in Duo circuit	1500 W	
Compact fluorescent lamps	500 W	
Card width	max. 55 mm	
Card thickness	0.8 ... 1.2 mm	

Not suitable for installation in surface-mounted housing.



Design	Order no.	PU
polar white glossy	1640 20 89	1
black glossy	1640 20 45	1

Signalisation of hotel room status



LED signal light, red/green lighting

▶ 875

Frequency	50/60 Hz	– switchable between red and green via separate switches
Rated voltage	230 V~	
Conductor cross-section	2.5 mm ²	– two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied
Quantity LED lamps	4	
Ambient temperature	-5 ... +40 °C	– for signalling of e.g. access control

NOTE:
When integrating this product into the Serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the Serie 1930 is not possible!
For installation in standard wall boxes according to DIN 49073-1

Suitable for optional	Order no.	Page
Foil bi-colour for round LED signal light		page 65



Design	Order no.	PU
polar white glossy	2952 20 89	1
black glossy	2952 20 45	1

Accessible construction



The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

SCHUKO socket outlets



SCHUKO socket outlet with hinged cover for barrier-free construction

▶ 895

- tactile symbol
- enhanced contact protection
- with self-closing hinged covers
- with plug-in terminals



Rated voltage	250 V~
Rated current	16 A

Connection terminals according to IEC 60884-1



Design	Order no.	PU
polar white glossy	4744 20 79	10

Rockers - accessible construction

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.



Rocker for barrier-free construction

- guide for mouth rod
- clear lens
- for illumination and monitoring circuit



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Suitable for optional	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
Sealing set for switches/push-buttons	1010 77 00	448

Design	Order no.	PU
polar white glossy	1661 20 49	10

Rocker for barrier-free construction



- tactile light symbol
- clear lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Design
polar white glossy

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	448

Order no.	PU
1651 20 49	10

Rocker for barrier-free construction



- tactile bell symbol
- clear lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Design
polar white glossy

– for illuminated rocker push-buttons

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	448

Order no.	PU
1651 20 89	10

Rocker for barrier-free construction



- tactile symbol for door opener
- clear lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Design
polar white glossy

– for illuminated rocker push-buttons

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	448

Order no.	PU
1651 20 69	10

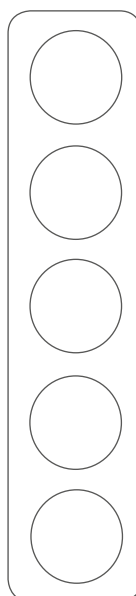
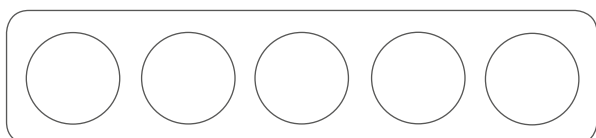
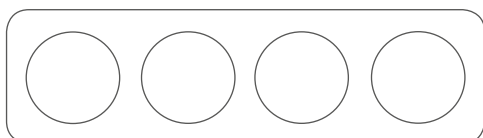
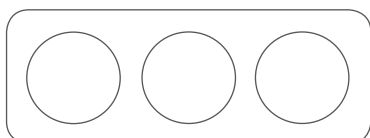
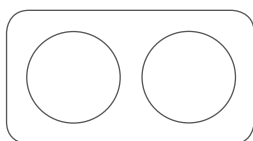
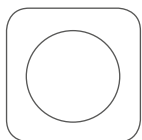
Berker R.1 Frames

Pleasing from the first glance: the R.1 combines round centre plates with a soft frame contour and rounded corners. This affords products from the range a classic yet modern appearance. The choice of materials available for the frames is almost avant-garde. Black or polar white glass and plastic surfaces, natural anodised aluminium and dulled stainless steel are also available, such as slate, red or orange acrylic, concrete, oak or leather.



Berker R.1

Product examples



Dimensions

Frame 1gang
B 81.2 x H 81.2 mm, 1gang

Frames 2-5gang horizontal
W 152.2 x H 81.2 mm, 2gang
W 223.2 x H 81.2 mm, 3gang
W 294.2 x H 81.2 mm, 4gang
W 365.2 x H 81.2 mm, 5gang

Frames 2-5gang vertical
H 152.2 x W 81.2 mm, 2gang
H 223.2 x W 81.2 mm, 3gang
H 294.2 x W 81.2 mm, 4gang
H 365.2 x W 81.2 mm, 5gang





Frames

Plastic, glossy

polar white similar to RAL 9010
black similar to RAL 9005

Glass

polar white similar to RAL 9010
black similar to RAL 9005

Metal

Aluminium, natural anodised
Stainless steel, mat

Natural slate, anthracite
Concrete grounded, grey
Oak, stained wood
Embossed leather, brown
Red transparent acrylic
Orange transparent acrylic

Covers / Central inserts

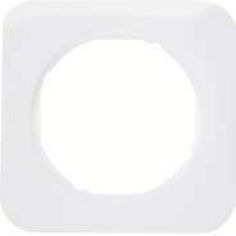
Plastic, glossy


polar white similar to RAL 9010
black similar to RAL 9005





Frames


Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.


	Frame			▶ 943	
			– for vertical and horizontal mounting		
			Suitable for optional Sealings IP44	Order no.	Page
					page 448
	Design		Order no.		PU
	polar white glossy, 1gang		1011 21 89		10
	polar white glossy, 2gang		1012 21 89		2
polar white glossy, 3gang		1013 21 89		2	
polar white glossy, 4gang		1014 21 89		2	
polar white glossy, 5gang		1015 21 89		2	


	Frame			▶ 943	
			– for vertical and horizontal mounting		
			Suitable for optional Sealings IP44	Order no.	Page
					page 448
	Design		Order no.		PU
	black glossy, 1gang		1011 21 45		10
	black glossy, 2gang		1012 21 45		2
black glossy, 3gang		1013 21 45		10	
black glossy, 4gang		1014 21 45		2	
black glossy, 5gang		1015 21 45		2	


	Frame			▶ 943	
			– for vertical and horizontal mounting		
			Suitable for optional Sealings IP44	Order no.	Page
					page 448
	Design		Order no.		PU
	aluminium/polar white, 1gang		1011 21 74		10
	aluminium/polar white, 2gang		1012 21 74		10
aluminium/polar white, 3gang		1013 21 74		10	
aluminium/polar white, 4gang		1014 21 74		2	
aluminium/polar white, 5gang		1015 21 74		2	



	Frame			▶ 943	
			– for vertical and horizontal mounting		
			Suitable for optional Sealings IP44	Order no.	Page
					page 448
	Design		Order no.		PU
	aluminium/black, 1gang		1011 21 84		10
	aluminium/black, 2gang		1012 21 84		10
aluminium/black, 3gang		1013 21 84		10	
aluminium/black, 4gang		1014 21 84		2	
aluminium/black, 5gang		1015 21 84		2	

	Frame		▶ 943	
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
	Design	Order no.	PU	
	stainless steel/polar white, 1gang	1011 21 14	10	
	stainless steel/polar white, 2gang	1012 21 14	10	
	stainless steel/polar white, 3gang	1013 21 14	10	
stainless steel/polar white, 4gang	1014 21 14	2		
stainless steel/polar white, 5gang	1015 21 14	2		

	Frame		▶ 943	
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
	Design	Order no.	PU	
	stainless steel/black, 1gang	1011 21 04	10	
	stainless steel/black, 2gang	1012 21 04	10	
	stainless steel/black, 3gang	1013 21 04	10	
stainless steel/black, 4gang	1014 21 04	2		
stainless steel/black, 5gang	1015 21 04	2		

	Frame		▶ 943	
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
	Design	Order no.	PU	
	glass polar white, 1gang	1011 21 09	10	
	glass polar white, 2gang	1012 21 09	5	
	glass polar white, 3gang	1013 21 09	5	
glass polar white, 4gang	1014 21 09	1		
glass polar white, 5gang	1015 21 09	1		

	Frame		▶ 943	
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
	Design	Order no.	PU	
	glass black, 1gang	1011 21 16	10	
	glass black, 2gang	1012 21 16	5	
	glass black, 3gang	1013 21 16	5	
glass black, 4gang	1014 21 16	1		
glass black, 5gang	1015 21 16	1		

	Frame			
	- labelling field			
				
		Labelling field height arranged for P-touch strips 6 mm.		
	Design	Order no.	PU	
	polar white glossy, 1gang	1011 21 79	10	
	polar white glossy, 2gang vertical	1012 21 69	2	
polar white glossy, 3gang vertical	1013 21 69	2		
polar white glossy, 2gang horizontal	1012 21 79	2		
polar white glossy, 3gang horizontal	1013 21 79	2		



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
black glossy, 1gang	1011 21 35	10
black glossy, 2gang vertical	1012 21 25	2
black glossy, 3gang vertical	1013 21 25	2
black glossy, 2gang horizontal	1012 21 35	2
black glossy, 3gang horizontal	1013 21 35	2

Frames made from special materials

- for vertical and horizontal mounting



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Caution!
Installation only possible on a flat surface.
Tighten screws of the covers only **by hand**.

The colour of surface material can change when exposed to UV radiation.

Please observe care instructions in the appendix!

- natural, untreated surface structure
- natural material that underscores the individual character by means of developed structures and different material thicknesses and colour schemes

Design	Order no.	PU
anthracite/polar white glossy, natural slate, 1gang	1011 23 89	1
anthracite/polar white glossy, natural slate, 2gang	1012 23 89	1
anthracite/polar white glossy, natural slate, 3gang	1013 23 89	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Caution!
Installation only possible on a flat surface.
Tighten screws of the covers only **by hand**.

The colour of surface material can change when exposed to UV radiation.

Please observe care instructions in the appendix!

- natural, untreated surface structure
- natural material that underscores the individual character by means of developed structures and different material thicknesses and colour schemes

Design	Order no.	PU
anthracite/black glossy, natural slate, 1gang	1011 23 84	1
anthracite/black glossy, natural slate, 2gang	1012 23 84	1
anthracite/black glossy, natural slate, 3gang	1013 23 84	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Caution!
Installation only possible on a flat surface.
Tighten screws of the covers only **by hand**.

The colour of surface material can change when exposed to UV radiation.

Please observe care instructions in the appendix!

- smoothly milled surface
- natural material that underscores the individual character by means of different structures and colour schemes

Design	Order no.	PU
grey/polar white glossy, grounded concrete, 1gang	1011 23 79	1
grey/polar white glossy, grounded concrete, 2gang	1012 23 79	1
grey/polar white glossy, grounded concrete, 3gang	1013 23 79	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Caution!
Installation only possible on a flat surface.
Tighten screws of the covers only **by hand**.

The colour of surface material can change when exposed to UV radiation.

Please observe care instructions in the appendix!

- smoothly milled surface
- natural material that underscores the individual character by means of different structures and colour schemes

Design	Order no.	PU
grey/black glossy, grounded concrete, 1gang	1011 23 74	1
grey/black glossy, grounded concrete, 2gang	1012 23 74	1
grey/black glossy, grounded concrete, 3gang	1013 23 74	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Patina typical for real leather can develop over time due to touch and the influence of light.

Please observe care instructions in the appendix!

- structured surface
- high quality, durable material that underscores the individual character by means of different structures and colour schemes

Design	Order no.	PU
brown/polar white glossy, embossed leather, 1gang	1011 23 69	1
brown/polar white glossy, embossed leather, 2gang	1012 23 69	1
brown/polar white glossy, embossed leather, 3gang	1013 23 69	1
brown/polar white glossy, embossed leather, 4gang	1014 23 69	1
brown/polar white glossy, embossed leather, 5gang	1015 23 69	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Patina typical for real leather can develop over time due to touch and the influence of light.

Please observe care instructions in the appendix!

- structured surface
- high quality, durable material that underscores the individual character by means of different structures and colour schemes

Design	Order no.	PU
brown/black glossy, embossed leather, 1gang	1011 23 64	1
brown/black glossy, embossed leather, 2gang	1012 23 64	1
brown/black glossy, embossed leather, 3gang	1013 23 64	1
brown/black glossy, embossed leather, 4gang	1014 23 64	1
brown/black glossy, embossed leather, 5gang	1015 23 64	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Please observe care instructions in the appendix!

- stained on bog oak
- natural material that underscores the individual character by means of different grains and colour structures

Design	Order no.	PU
oak/polar white glossy, stained wood, 1gang	1011 23 59	1
oak/polar white glossy, stained wood, 2gang	1012 23 59	1
oak/polar white glossy, stained wood, 3gang	1013 23 59	1
oak/polar white glossy, stained wood, 4gang	1014 23 59	1
oak/polar white glossy, stained wood, 5gang	1015 23 59	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Please observe care instructions in the appendix!

- stained on bog oak
- natural material that underscores the individual character by means of different grains and colour structures

Design	Order no.	PU
oak/black glossy, stained wood, 1gang	1011 23 54	1
oak/black glossy, stained wood, 2gang	1012 23 54	1
oak/black glossy, stained wood, 3gang	1013 23 54	1
oak/black glossy, stained wood, 4gang	1014 23 54	1
oak/black glossy, stained wood, 5gang	1015 23 54	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Please observe care instructions in the appendix!

Design	Order no.	PU
red transparent/polar white glossy, acrylic, 1gang	1011 23 49	1
red transparent/polar white glossy, acrylic, 2gang	1012 23 49	1
red transparent/polar white glossy, acrylic, 3gang	1013 23 49	1
red transparent/polar white glossy, acrylic, 4gang	1014 23 49	1
red transparent/polar white glossy, acrylic, 5gang	1015 23 49	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Please observe care instructions in the appendix!

Design	Order no.	PU
red transparent/black glossy, acrylic, 1gang	1011 23 44	1
red transparent/black glossy, acrylic, 2gang	1012 23 44	1
red transparent/black glossy, acrylic, 3gang	1013 23 44	1
red transparent/black glossy, acrylic, 4gang	1014 23 44	1
red transparent/black glossy, acrylic, 5gang	1015 23 44	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Please observe care instructions in the appendix!

Design	Order no.	PU
orange transparent/polar white glossy, acrylic, 1gang	1011 23 39	1
orange transparent/polar white glossy, acrylic, 2gang	1012 23 39	1
orange transparent/polar white glossy, acrylic, 3gang	1013 23 39	1
orange transparent/polar white glossy, acrylic, 4gang	1014 23 39	1
orange transparent/polar white glossy, acrylic, 5gang	1015 23 39	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Please observe care instructions in the appendix!

Design	Order no.	PU
orange transparent/black glossy, acrylic, 1gang	1011 23 34	1
orange transparent/black glossy, acrylic, 2gang	1012 23 34	1
orange transparent/black glossy, acrylic, 3gang	1013 23 34	1
orange transparent/black glossy, acrylic, 4gang	1014 23 34	1
orange transparent/black glossy, acrylic, 5gang	1015 23 34	1

Berker R.3 Frames

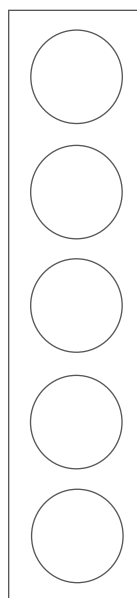
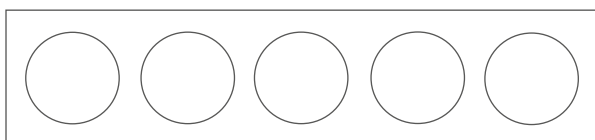
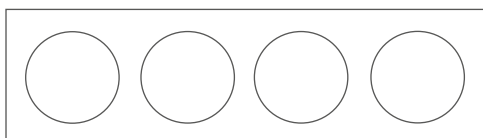
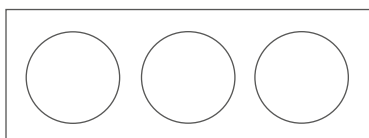
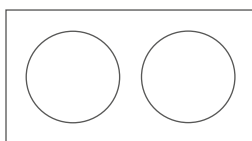
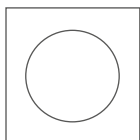
Square frames, round centre plates – R.3 focuses on contrasts. The consistently angular frames help make for an exceedingly striking appearance. This will not just delight lovers of exciting designs, but also make the R.3 the ideal switch range for use in sill-type bunking duct. The frame base supports consist of 7 mm thick plastic and are available with surfaces made from natural anodised aluminium, matt stainless steel or glass, or plastic in the colours black or polar white.



Berker R.3 Frames	466
Surface-mounted housing	468

Berker R.3

Product examples



Dimensions

Frame 1gang
B 81.2 x H 81.2 mm, 1gang

Frames 2-5gang horizontal
W 152.2 x H 81.2 mm, 2gang
W 223.2 x H 81.2 mm, 3gang
W 294.2 x H 81.2 mm, 4gang
W 365.2 x H 81.2 mm, 5gang

Frames 2-5gang vertical
H 152.2 x W 81.2 mm, 2gang
H 223.2 x W 81.2 mm, 3gang
H 294.2 x W 81.2 mm, 4gang
H 365.2 x W 81.2 mm, 5gang





Frames

Plastic, glossy

polar white
black

similar to RAL 9010
similar to RAL 9005

Glass

polar white
black

similar to RAL 9010
similar to RAL 9005

Metal

Aluminium, natural anodised
Stainless steel, mat

Covers / Central inserts


Plastic, glossy

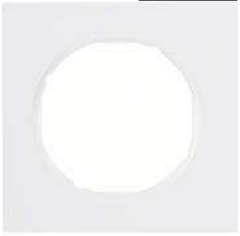
polar white
black


similar to RAL 9010
similar to RAL 9005





Frames

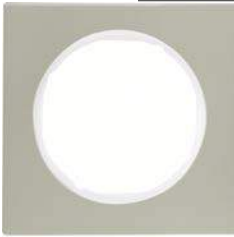
 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.


	Frame	▶ 943	
		– for vertical and horizontal mounting	
		Suitable for optional Sealings IP44	Order no.
			Page
			page 448
	Design	Order no.	PU
	polar white glossy, 1gang	1011 22 89	10
polar white glossy, 2gang	1012 22 89	2	
polar white glossy, 3gang	1013 22 89	2	
polar white glossy, 4gang	1014 22 89	2	
polar white glossy, 5gang	1015 22 89	2	


	Frame	▶ 943	
		– for vertical and horizontal mounting	
		Suitable for optional Sealings IP44	Order no.
			Page
			page 448
	Design	Order no.	PU
	black glossy, 1gang	1011 22 45	10
black glossy, 2gang	1012 22 45	2	
black glossy, 3gang	1013 22 45	10	
black glossy, 4gang	1014 22 45	2	
black glossy, 5gang	1015 22 45	2	


	Frame	▶ 943	
		– for vertical and horizontal mounting	
		Suitable for optional Sealings IP44	Order no.
			Page
			page 448
	Design	Order no.	PU
	aluminium/polar white, 1gang	1011 22 74	10
aluminium/polar white, 2gang	1012 22 74	10	
aluminium/polar white, 3gang	1013 22 74	10	
aluminium/polar white, 4gang	1014 22 74	2	
aluminium/polar white, 5gang	1015 22 74	2	

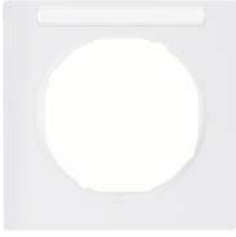

	Frame	▶ 943	
		– for vertical and horizontal mounting	
		Suitable for optional Sealings IP44	Order no.
			Page
			page 448
	Design	Order no.	PU
	aluminium/black, 1gang	1011 22 84	10
aluminium/black, 2gang	1012 22 84	10	
aluminium/black, 3gang	1013 22 84	10	
aluminium/black, 4gang	1014 22 84	2	
aluminium/black, 5gang	1015 22 84	2	

	Frame		▶ 943	
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
	Design	Order no.	PU	
	stainless steel/polar white, 1gang	1011 22 14	10	
	stainless steel/polar white, 2gang	1012 22 14	10	
	stainless steel/polar white, 3gang	1013 22 14	10	
stainless steel/polar white, 4gang	1014 22 14	2		
stainless steel/polar white, 5gang	1015 22 14	2		

	Frame		▶ 943	
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
	Design	Order no.	PU	
	stainless steel/black, 1gang	1011 22 04	10	
	stainless steel/black, 2gang	1012 22 04	10	
	stainless steel/black, 3gang	1013 22 04	10	
stainless steel/black, 4gang	1014 22 04	2		
stainless steel/black, 5gang	1015 22 04	2		

	Frame		▶ 943	
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
	Design	Order no.	PU	
	glass polar white, 1gang	1011 22 09	10	
	glass polar white, 2gang	1012 22 09	5	
	glass polar white, 3gang	1013 22 09	5	
glass polar white, 4gang	1014 22 09	1		
glass polar white, 5gang	1015 22 09	1		

	Frame		▶ 943	
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
	Design	Order no.	PU	
	glass black, 1gang	1011 22 16	10	
	glass black, 2gang	1012 22 16	5	
	glass black, 3gang	1013 22 16	5	
glass black, 4gang	1014 22 16	1		
glass black, 5gang	1015 22 16	1		

	Frame			
	- labelling field			
				
		Labelling field height arranged for P-touch strips 6 mm.		
	Design	Order no.	PU	
	polar white glossy, 1gang	1011 22 79	10	
	polar white glossy, 2gang vertical	1012 22 69	2	
polar white glossy, 3gang vertical	1013 22 69	2		
polar white glossy, 2gang horizontal	1012 22 79	2		
polar white glossy, 3gang horizontal	1013 22 79	2		



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
black glossy, 1gang	1011 22 35	10
black glossy, 2gang vertical	1012 22 25	2
black glossy, 3gang vertical	1013 22 25	2
black glossy, 2gang horizontal	1012 22 35	2
black glossy, 3gang horizontal	1013 22 35	2

Surface-mounted housing



Surface-mounted housing

Installation depth **37 mm**

- entry at top and bottom possible
- with cable and duct entry
- for vertical and horizontal mounting
- for mounting on combustible base surface

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

Design	Order no.	PU
polar white glossy, 1gang	1041 89 89	10
polar white glossy, 2gang	1042 89 89	5
polar white glossy, 3gang	1043 89 89	5
black glossy, 1gang	1041 89 35	10
black glossy, 2gang	1042 89 35	5
black glossy, 3gang	1043 89 35	5

Berker R.8 Frames

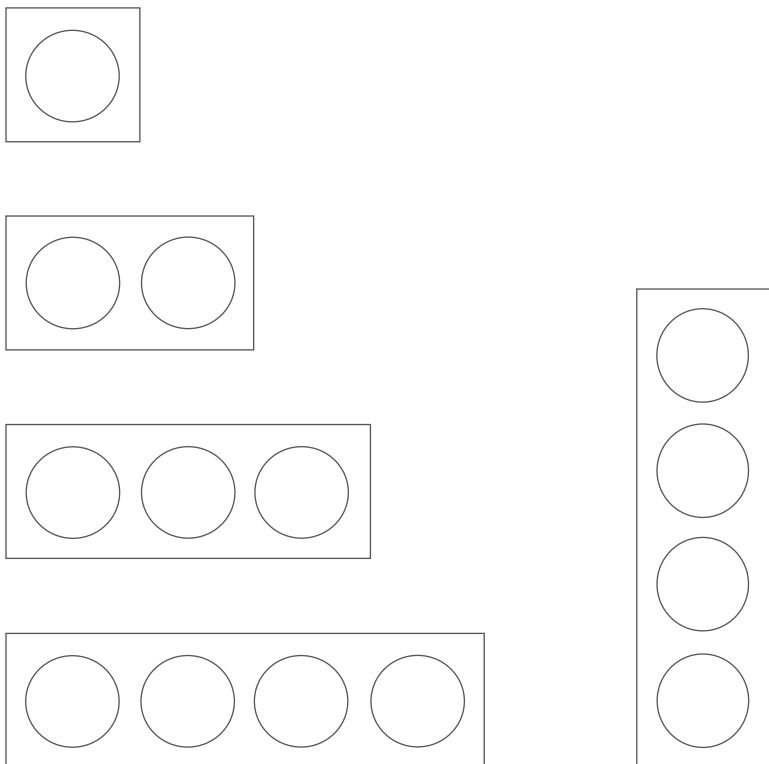
The Berker R.8 is the next logical step in the evolution of the highly successful Berker R.3, which has won over 20 awards for its design around the world. The R.3 provides the perfect basis for the R.8 in function as well as form: It can be combined with any of the inserts in this range, enabling it to be used in any application. And since it protrudes just 3 mm from the wall, it's one of the shallowest frames on the market.



Berker R.8 Frames	474
Mandatory accessories	475

Berker R.8

Product examples



Dimensions

Frame 1gang

B 90 x H 90 mm, 1gang

Frames 2-4gang horizontal

B 161 x H 90 mm, 2gang

B 232 x H 90 mm, 3gang

B 303 x H 90 mm, 4gang

Frames 2-4gang vertical

H 161 x B 90 mm, 2gang

H 232 x B 90 mm, 3gang

H 303 x B 90 mm, 4gang





Frames

Plastic, glossy

polar white similar to RAL 9010
black similar to RAL 9005

Glass

polar white similar to RAL 9010
black similar to RAL 9005

Metal

Aluminium, natural anodised
Stainless steel, mat

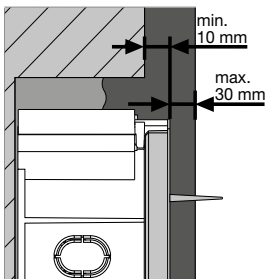
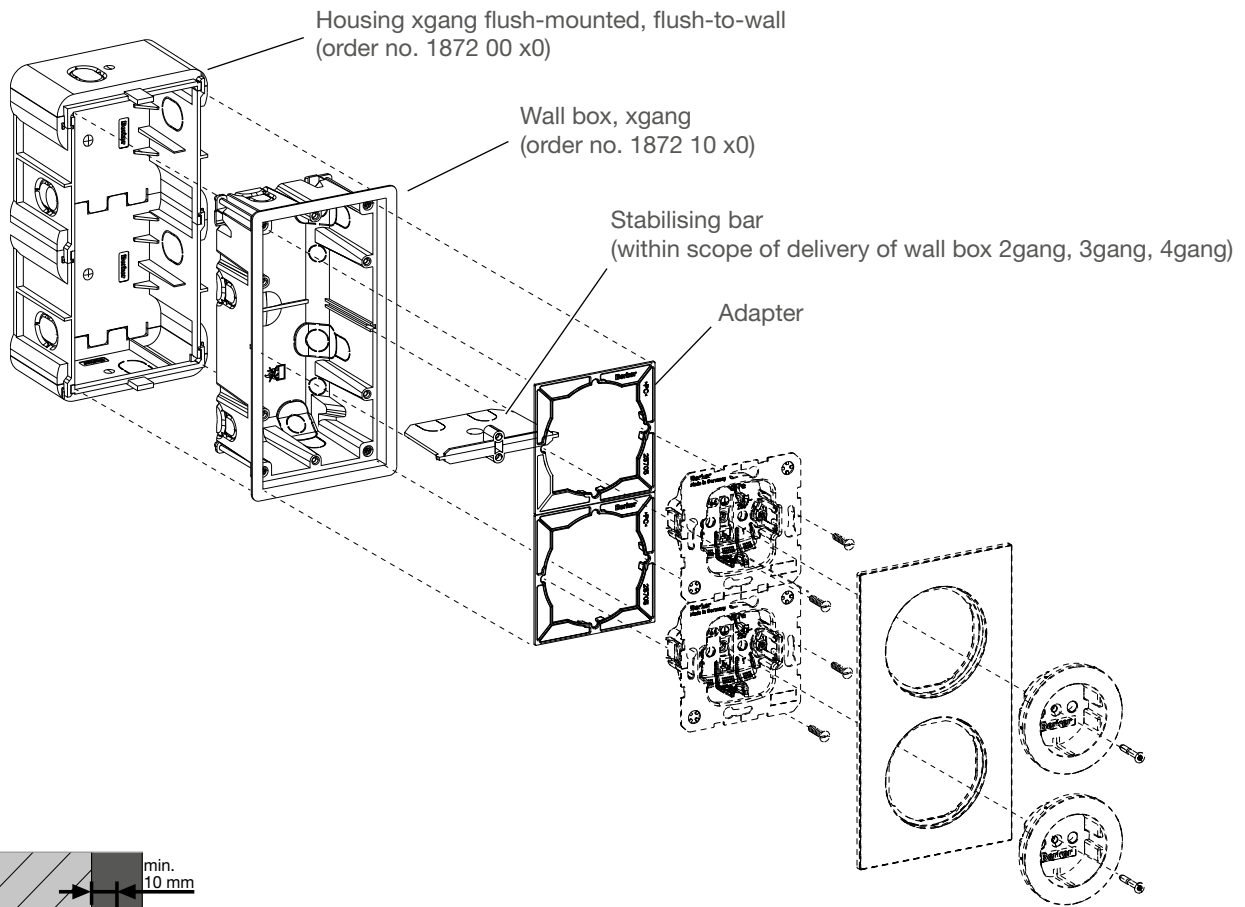
Covers / Central inserts

Plastic, glossy

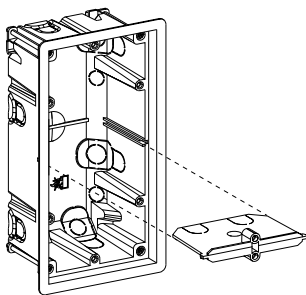
polar white similar to RAL 9010
black similar to RAL 9005



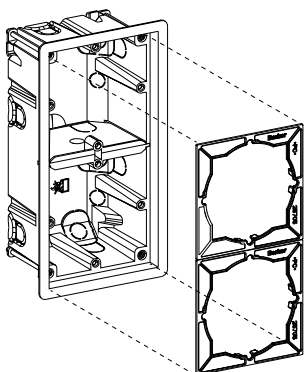
Assembly instructions for Berker R.8



When installing in masonry :
 Insert housing xgang flush-mounted in such way, that a thickness of plaster of min. 10 mm and max. 40 mm is ensured.



When using a 2gang, 3gang or 4gang wall box the supplied stabilising bars must be used.




Insert the adapter for height compensation, place the supporting rings of the inserts on the adapter and screw both to the wall box.

Frames

– for vertical and horizontal mounting

New



Frame
Assembling height 4 mm


Available from September 2018!

Suitable for
Flush-mounted housing, flush-to-wall
Wall box for flat installation

Order no. **Page**
page 475
page 476

Design	Order no.	PU
aluminium, 1gang	★ 1011 26 74	1
aluminium, 2gang	★ 1012 26 74	1
aluminium, 3gang	★ 1013 26 74	1
aluminium, 4gang	★ 1014 26 74	1

New



Frame
Assembling height 4 mm


Available from September 2018!

Suitable for
Flush-mounted housing, flush-to-wall
Wall box for flat installation

Order no. **Page**
page 475
page 476

Design	Order no.	PU
stainless steel, 1gang	★ 1011 26 14	1
stainless steel, 2gang	★ 1012 26 14	1
stainless steel, 3gang	★ 1013 26 14	1
stainless steel, 4gang	★ 1014 26 14	1

New



Frame
Assembling height 4 mm


Available from September 2018!

Suitable for
Flush-mounted housing, flush-to-wall
Wall box for flat installation

Order no. **Page**
page 475
page 476

Design	Order no.	PU
glass polar white, 1gang	★ 1011 26 09	1
glass polar white, 2gang	★ 1012 26 09	1
glass polar white, 3gang	★ 1013 26 09	1
glass polar white, 4gang	★ 1014 26 09	1

New



Frame
Assembling height 4 mm

Available from September 2018!


Suitable for
Flush-mounted housing, flush-to-wall
Wall box for flat installation

Order no. **Page**
page 475
page 476

Design	Order no.	PU
glass black, 1gang	★ 1011 26 16	1
glass black, 2gang	★ 1012 26 16	1
glass black, 3gang	★ 1013 26 16	1
glass black, 4gang	★ 1014 26 16	1

Mandatory accessories

New



Flush-mounted housing, flush-to-wall

Available from September 2018!

- cable entry from top, bottom and per modular insert from side additionally possible
- with cleaning cover
- for flush-mounted installation
- for vertical and horizontal mounting

Suitable for
Frames

Order no. **Page**
page 475

Design	Order no.	PU
red, 1gang	★ 1872 00 10	1
red, 2gang	★ 1872 00 20	1
red, 3gang	★ 1872 00 30	1
red, 4gang	★ 1872 00 40	1



Wall box for flat installation

Surface adjustment 30 mm
 Fit the wall box in a flush Berker R.8 design line housing (order no. 1872 00 x0) for flush-mounted installation.

Available from September 2018!

- cable entry from top, bottom and per modular insert from side additionally possible
- for flush mounting and hollow-wall mounting
- with drilling template for hollow-wall mounting
- for vertical and horizontal mounting
- with installation material and mounting adaptor for each flush-mounted insert
- screw connection of each module insert via attached adapter with the wall box

Design	Suitable for Frames	Order no.	Page page 475
white, 1gang	Order no.		PU
white, 1gang	★	1872 10 10	1
white, 2gang	★	1872 10 20	1
white, 3gang	★	1872 10 30	1
white, 4gang	★	1872 10 40	1

serie 1930 | glas | R.classic Inserts

The serie 1930 and serie glas switch ranges inspired by Bauhaus take classic design and push it in a modern direction. With rotary switches in round frames on the one hand and a wealth of modern functions such as USB charging sockets on the other: these are what makes both series excel. serie R.classic goes a step further, transporting the design of serie 1930 into the future. Round switches with simple rotary toggles which can even do without frames – easy-going and simply elegant.



SCHUKO socket outlets	480
International socket outlet systems	482
Switch/push-button	483
Rotary dimmer	486
Electronics platform - light control	487
Electronics platform - motion detectors	494
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USB charging sockets	514
Pilot lamps	515
Supplementary products	516
KNX applications	517
Hotel applications	520
Porcelain frames	526

SCHUKO socket outlets

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

SCHUKO socket outlets



SCHUKO socket outlet

- installation position variable in 45° steps
- with plug-in terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
serie 1930 glas		
polar white glossy	4745 20	10
black glossy	4745 21	10
serie R.classic		
polar white glossy	4745 20 89	10
black glossy	4745 20 45	10



SCHUKO socket outlet

- enhanced contact protection
- installation position variable in 45° steps
- with plug-in terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Enhanced contact protection (child protection) according to IEC 60884-1

Design	Order no.	PU
serie 1930 glas		
polar white glossy	4755	10
black glossy	4755 01	10
serie R.classic		
polar white glossy	4755 20 89	10
black glossy	4755 20 45	10



SCHUKO socket outlet

- installation position variable in 45° steps
- screw-in lift terminals
- with screw-in lift terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
serie 1930 glas		
polar white glossy	4145 20	10
black glossy	4145 21	10
serie R.classic		
polar white glossy	4145 20 89	10
black glossy	4145 20 45	10





SCHUKO socket outlet with LED orientation light

▶ 895

- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0.25 W/0.35 VA
Switch-on brightness	ca. 2 lx
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	4109 20 89	10
black glossy	4109 20 45	10



SCHUKO socket outlets with hinged cover

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1



SCHUKO socket outlet with hinged cover

▶ 895

- enhanced contact protection
- installation position variable in 45° steps



Rated voltage	250 V~
Rated current	16 A

- with self-closing hinged covers
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

Specially suited for use of right angle plugs.
NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	4744 20 89	10
black glossy	4744 20 45	10



International socket outlet systems

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

Socket outlets with earthing pin



Socket outlet with earthing pin

- installation position variable in 45° steps
- enhanced contact protection

- 2 pole + earth
- with plug-in terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Enhanced contact protection (child protection) according to IEC 60884-1

Design Order no. PU

serie 1930 | glas

polar white glossy	6768 79	10
black glossy	6768 79 01	10

serie R.classic

polar white glossy	67 6879 20 89	10
black glossy	67 6879 20 45	10



Socket outlet with earthing pin

- installation position variable in 45° steps
- enhanced contact protection
- screw-in lift terminals

- 2 pole + earth
- with screw-in lift terminals

▶ 895



Rated voltage 250 V~
Rated current 16 A

Enhanced contact protection (child protection) according to IEC 60884-1

Design Order no. PU

serie 1930 | glas

polar white glossy	6765 79	10
black glossy	6765 79 01	10

serie R.classic

polar white glossy	67 6579 20 89	10
black glossy	67 6579 20 45	10



Switch/push-button

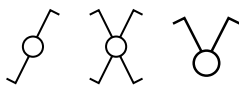
Rotary switches



Rotary switch

Rated voltage 250 V~ – with screw terminals
Switching current 10 AX

Switching sequence e.g. for clockwise series switch:
0 > 1 > 1+2 > 2 > 0



Design	Order no.	PU
Rotary switch, change-over	3876 00	1
Rotary switch, intermediate	3877 00	1
Rotary switch, series	3875 00	1



Rotary switch, 2pole off

Rated voltage 250 V~ – with screw terminals
Switching current 10 AX



Design	Order no.	PU
Rotary switch, 2pole off	3893 00	1

Spring-return push-buttons



Spring-return push-button, change-over contact

Rated voltage 250 V~ – with screw terminals
Momentary-contact current 10 A



Design	Order no.	PU
Spring-return push-button, change-over contact	3846 00	1



Group spring-return push-button 2pole, isolated input terminals

- 0 position



Rated voltage 250 V~
Momentary-contact current 10 A

Without centre plate also suitable for mounting with glass and decor cover plates.

– also suitable as series push-button for blinds
– with screw terminals



Design	Order no.	PU
Group spring-return push-button 2pole, isolated input terminals	3838 00	1

Centre plates for switches/push-buttons



Centre plate with toggle

- for rotary switches and spring-return push-buttons
- of plastic

Design	Order no.	PU
serie 1930		
polar white glossy	1647	1
black glossy	1647 01	1



Centre plate with toggle, porcelain

Centre plate of the serie 1930 porzellan made by Rosenthal

- for rotary switches and spring-return push-buttons
- of porcelain

Design	Order no.	PU
serie 1930 porzellan made by Rosenthal		
polar white glossy	1647 69	1
black glossy	1647 65	1

Cover plates for switches/push-buttons



Glass cover plate for rotary switch/spring-return push-button

▶ 947

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- with polar white plastic base
- toughened glass
- for single mounting

Special variant for hollow-wall mounting available on request.

Suitable for optional	Order no.	Page
Spacer gland	1887	517

Design	Order no.	PU
serie glas		
clear glossy	1090	10
polar white glossy	1090 09	10



Glass cover centre plate for rotary switch/spring-return push-button

▶ 947

Combinations are only to be installed in simple combi boxes.

- with polar white plastic base
- toughened glass
- for combination mounting

Special variant for hollow-wall mounting available on request.

Design	Order no.	PU
serie glas		
clear glossy	1095	10
polar white glossy	1095 09	10



Glass cover end plate for rotary switch/spring-return push-button

▶ 947

Combinations are only to be installed in simple combi boxes.

- with polar white plastic base
- toughened glass
- for combination mounting

Special variant for hollow-wall mounting available on request.

Design	Order no.	PU
serie glas		
clear glossy	1094	10
polar white glossy	1094 09	10



Chrome toggle

– for rotary switch/rotary push-button with toggle

Design

serie glas

Brass, chrome-plated

Suitable for

Rotary switches
Spring-return push-buttons

Order no.

Page

page 483
page 483

Order no.

PU

1812 01

1



Brass toggle

– for rotary switch/rotary push-button with toggle

Design

serie glas

Brass, clear varnished

Suitable for

Rotary switches
Spring-return push-buttons

Order no.

Page

page 483
page 483

Order no.

PU

1812

1



Cover plate with toggle for rotary switch/spring-return push-button

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!

The cover plates may only be mounted without frames.

– plastic

Design

serie R.classic

polar white glossy

black glossy

Suitable for optional

Spacer gland

Order no.

1887

Page

517

Order no.

PU

1001 20 89

1

1001 20 45

1



Cover plate with toggle for rotary switch/spring-return push-button

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!

The cover plates may only be mounted without frames.

Suitable for optional

Spacer gland

Order no.

1887

Page

517

Design

serie R.classic

aluminium/polar white, aluminium anodised

aluminium/black, aluminium anodised

Order no.

PU

1001 20 74

1

1001 20 84

1



Cover plate with toggle for rotary switch/spring-return push-button

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!

The cover plates may only be mounted without frames.

Suitable for optional

Spacer gland

Order no.

1887

Page

517

Design

serie R.classic

stainless steel/polar white, metal matt finish

stainless steel/black, metal matt finish

Order no.

PU

1001 20 14

1

1001 20 04

1



Cover plate with toggle for rotary switch/spring-return push-button

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!

The cover plates may only be mounted without frames.

Suitable for optional

Spacer gland

Order no.

1887

Page

517

Design

serie R.classic

glass polar white

glass black

Order no.

PU

1001 20 83

1

1001 20 55

1

Rotary dimmer



Universal rotary dimmer with centre plate (R, L, C)

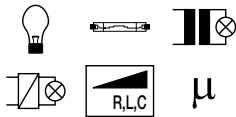
▶ 879

- soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Axis dimension Ø	4 mm

- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- with brightness memory
- voltage test possible without dismantling
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with input for extension units insert for universal rotary dimmer
- with incremental encoder
- short-circuit and overload proof (electronic fuse)
- with plug-in terminals



Suitable for optional	Order no.	Page
Extension units insert for universal rotary dimmer	2835 ..	486

Do not connect conventional transformers together with electronic transformers.

Trouble-free operation will be obtained only with Berker Tronic transformers.

Design	Order no.	PU
serie 1930 glas		
polar white glossy	2834 10	1
black glossy	2834 11	1
serie R.classic		
polar white glossy	2834 20 89	1
black glossy	2834 20 45	1



Extension units insert for universal rotary dimmer

▶ 879

- soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
Number of substations	max. 5
Axis dimension Ø	4 mm

- voltage test possible without dismantling
- as extension unit for universal rotary dimmer
- with incremental encoder
- centre plate and setting knob
- with plug-in terminals

Suitable for	Order no.	Page
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	486

Design	Order no.	PU
serie 1930 glas		
polar white glossy	2835 10	1
black glossy	2835 11	1
serie R.classic		
polar white glossy	2835 20 89	1
black glossy	2835 20 45	1



Electronics platform - light control

– for serie 1930, the conventional and KNX radio application modules listed below can be combined exclusively with 1gang frames for Ø 58 mm centre plates, order no. 13820...

Electronics platform - inserts

Relay insert

▶ 896



Operating voltage	230 V~	– low intrinsic energy requirement
Frequency	50/60 Hz	– with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Minimum contact load	≈ 15 W	
230 V LED lamps	440 W	– also usable as push-button relay switch
Dimmable energy-saving lamps	440 W	– no conductive connection between supporting ring and spreading claws
230 V incandescent lamps and halogen lamps	2300 W	– with screw terminals
Dimmable conventional transformers	1500 VA	
Electronic transformers and dual-mode transformers	1500 W	
Fluorescent lamps:		
- uncompensated	1100 VA	
- parallel compensated	1000 W	
- in Duo circuit	1000 W	
- with electronic ballast (EB)	1000 W	
Compact fluorescent lamps with electronic ballast	22 x 20 W	
Number of substations	unlimited	
Operating temperature	-5 ... +45 °C	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Load cable length	max. 100 m	
Cable length, extensions	max. 50 m	
Claw guidance installation depth	32 mm	

Suitable for	Order no.	Page
Button 1gang		page 489
KNX radio button 1gang quicklink	8514 51 3 ..	490
KNX radio button 4gang quicklink	8564 81 3 ..	492

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Not suitable for installation in surface-mounted housing.



Design	Order no.	PU
Relay insert	8512 12 01	1

Switch insert 1gang

▶ 896



Operating voltage	230 V~	– low intrinsic energy requirement
Frequency	50/60 Hz	– bulb-preserving soft startup
Dimmable 230 V LED lamps	5 ... 70 W	– automatic setting of load-dependent switching principle (autoDetect process)
Dimmable energy-saving lamps	13 ... 80 W	– optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
230 V incandescent lamps and halogen lamps	25 ... 400 W	– with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Dimmable conventional transformers	25 ... 400 VA	– short-circuit and overload proof (electronic fuse)
Electronic transformers and dual-mode transformers	25 ... 400 W	– no conductive connection between supporting ring and spreading claws
Number of substations	unlimited	– with screw terminals
Operating temperature	-5 ... +45 °C	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Load cable length	max. 100 m	
Cable length, extensions	max. 50 m	
Installation depth	32 mm	

Suitable for	Order no.	Page
Button 1gang		page 489
KNX radio button 1gang quicklink	8514 51 3 ..	490
KNX radio button 4gang quicklink	8564 81 3 ..	492

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Do not connect inductive and capacitive loads jointly.

Only suitable for operation with dimmable loads!

Caution!

Only connect **dimnable** 230 V ESL or LED lamps.

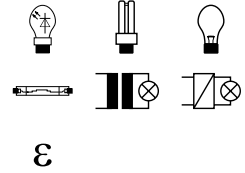


Design	Order no.	PU
Switch insert 1gang	8512 11 01	1



Switch insert 2gang

▶ 896



Operating voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	per channel 12 ... 54 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Load cable length	max. 100 m
Cable length, extensions	max. 50 m
Installation depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting of load-dependent switching principle (autoDetect process)
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for	Order no.	Page
Button 2gang		page 490
KNX radio button 2gang quicklink	8514 61 3 ..	491
KNX radio button 4gang quicklink	8564 81 3 ..	492

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Do not connect inductive and capacitive loads jointly.

Only suitable for operation with dimmable loads!

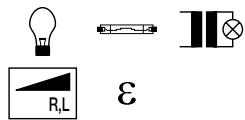


Design	Order no.	PU
Switch insert 2gang	8512 22 01	1



Touch dimmer (R, L)

▶ 896



Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Load cable length	max. 100 m
Cable length, extensions	max. 50 m
Installation depth	32 mm

- when cover is detached, the switch status is retained (wallpaper function)
- low intrinsic energy requirement
- bulb-preserving soft startup
- phase cut-on
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for	Order no.	Page
Button 1gang		page 489
KNX radio button 1gang quicklink	8514 51 3 ..	490
KNX radio button 4gang quicklink	8564 81 3 ..	492

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Touch dimmer (R, L)	8542 11 01	1

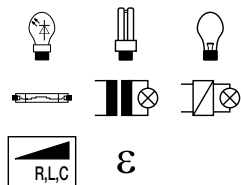


Universal touch dimmer 1gang

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
Dimmable 230 V LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Load cable length	max. 100 m
Cable length, extensions	max. 50 m
Installation depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting of load-dependent switching principle (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Do not connect inductive and capacitive loads jointly.

Suitable for	Order no.	Page
Button 1gang		page 489
KNX radio button 1gang quicklink	8514 51 3 ..	490
KNX radio button 4gang quicklink	8564 81 3 ..	492



Design	Order no.	PU
Universal touch dimmer 1gang	8542 12 01	1

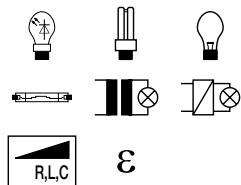


Universal touch dimmer 2gang

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption, standby (Channel 1/Channel 2)	0.3/0.7 W
Dimmable 230 V LED lamps	per channel 12 ... 40 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Load cable length	max. 100 m
Cable length, extensions	max. per channel 50 m
Installation depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting of load-dependent switching principle (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Do not connect inductive and capacitive loads jointly.

Suitable for	Order no.	Page
Button 2gang		page 490
KNX radio button 2gang quicklink	8514 61 3 ..	491
KNX radio button 4gang quicklink	8564 81 3 ..	492



Design	Order no.	PU
Universal touch dimmer 2gang	8542 21 01	1

Buttons for switches/dimmers



Button 1gang

▶ 896

Operating voltage	via insert
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept
- switch-on brightness level for use on dimmer insert, power failure proof, storable

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
Relay insert	8512 12 01	487
Switch insert 1gang	8512 11 01	487
Touch dimmer (R, L)	8542 11 01	488
Universal touch dimmer 1gang	8542 12 01	489

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	8514 11 39	1
black glossy	8514 11 31	1





Button 2gang

Operating voltage via insert
Operating temperature -5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept per series
- switch-on brightness level for use on dimmer insert, power failure proof, storable

▶ 896

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
Switch insert 2gang	8512 22 01	488
Universal touch dimmer 2gang	8542 21 01	489



Design	Order no.	PU
polar white glossy	8514 21 39	1
black glossy	8514 21 31	1

Mains power supply for KNX radio application modules



Power supply for KNX radio application module

Operating voltage 230 V~
Frequency 50/60 Hz
Operating temperature -5 ... +45 °C
Screw terminals (max.) 1 x 4/2 x 2.5 mm²
Installation depth 22 mm

- low intrinsic energy requirement
- as supply for radio application modules
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for	Order no.	Page
KNX radio button 1gang quicklink	8514 51 3 ..	490
KNX radio button 2gang quicklink	8514 61 3 ..	491
KNX radio button 4gang quicklink	8564 81 3 ..	492



Design	Order no.	PU
Power supply for KNX radio application module	8502 01 01	1

KNX radio buttons for switches/dimmers



KNX radio button 1gang quicklink

Radio protocol KNX Radio
Transmitter duty cycle 1 %
Receiver category 2
Number of radio channels 2
Number of quicklink links max. 20 transmitter/receiver
Radio transmission/reception frequency 868.3 MHz
Radio transmission power < 10 mW
Radio transmission range (free field) max. 100 m
Radio transmission range (building) max. 30 m
Operating temperature -5 ... +45 °C

- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- low intrinsic energy requirement
- quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, priority
- operating areas configurable as one or two-area operation
- scene saving lockable
- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable

▶ 896

For manual actuation or remote control via KNX radio.

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

- LED application module/insert compatibility display
- with configuration and function LEDs
- with configuration and function button
- top and bottom operating area on 1gang switching/dimming inserts and network insert are freely configurable
- toolless quicklink configuration using buttons and LED display
- integration in the KNX TP system using KNX radio media coupler

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
Power supply for KNX radio application module	8502 01 01	490
Relay insert	8512 12 01	487
Switch insert 1gang	8512 11 01	487
Touch dimmer (R, L)	8542 11 01	488
Universal touch dimmer 1gang	8542 12 01	489

optional	Order no.	Page
coviva Smartbox	9000 00 00	734



Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	8514 51 39	1
black glossy	8514 51 31	1





KNX radio button 2gang quicklink

▶ 896

Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	4
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C

- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- low intrinsic energy requirement
- quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, priority
- operating areas configurable as one or two-area operation
- scene saving lockable
- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
- LED application module/insert compatibility display
- with configuration and function LEDs
- with configuration and function button
- top and bottom operating areas on 2gang switching/dimming inserts and network insert are freely configurable
- toolless quicklink configuration using buttons and LED display
- integration in the KNX TP system using KNX radio media coupler

For manual actuation or remote control via KNX radio.

NOTE:

When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used. Installation in multiple combinations of the serie 1930 is not possible!

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
Power supply for KNX radio application module	8502 01 01	490
Switch insert 2gang	8512 22 01	488
Universal touch dimmer 2gang	8542 21 01	489
optional		
coviva Smartbox	9000 00 00	734
Order no.		PU

Design

serie 1930 | R.classic

polar white glossy	8514 61 39	1
black glossy	8514 61 31	1





KNX radio button 4gang quicklink

▶ 896

Radio protocol	KNX Radio	– functions for the push-button operation areas up/down or left/right can be freely configured as receiver for controlling the connected load and as transmitter for remote control of a blind, for example
Transmitter duty cycle	1 %	
Receiver category	2	
Number of radio channels	4	– configurable transmission and/or reception behaviour
Number of quicklink links	max. 20 transmitter/receiver	– reset function (to factory setting)
Radio transmission/reception frequency	868.3 MHz	– low intrinsic energy requirement
Radio transmission power	< 10 mW	– quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
Radio transmission range (free field)	max. 100 m	– ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, priority
Radio transmission range (building)	max. 30 m	– operating areas configurable as one or two-area operation
Operating temperature	-5 ... +45 °C	– scene saving lockable

For manual actuation or remote control via KNX radio. Extended operating options on 1gang inserts through 2 additional, freely-configurable radio channels.

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
- LED application module/insert compatibility display
- with configuration and function LEDs
- with configuration and function button
- toolless quicklink configuration using buttons and LED display
- integration in the KNX TP system using KNX radio media coupler

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
Switch insert 1gang	8512 11 01	487
Switch insert 2gang	8512 22 01	488
Touch dimmer (R, L)	8542 11 01	488
Universal touch dimmer 1gang	8542 12 01	489
Universal touch dimmer 2gang	8542 21 01	489
Relay insert	8512 12 01	487
Power supply for KNX radio application module	8502 01 01	490
optional		
coviva Smartbox	9000 00 00	734

Design

Order no.

PU

serie 1930 | R.classic

polar white glossy	8564 81 39	1
black glossy	8564 81 31	1



KNX radio time switches

KNX radio timer quicklink

▶ 896

- display



Radio protocol	KNX Radio
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Astronomic time shift	± 2 h
Power reserve	≈ 24 h
Random number generator	± 15 min
Number of switching times for on/off	20
Operating temperature	-5 ... +45 °C

Control using device buttons, radio transmitters and programmed switching times.

NOTE:

When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.

Installation in multiple combinations of the serie 1930 is not possible!

- party function, no execution of automatic, radio and extension unit commands (switch protection)
- configurable transmission and/or reception behaviour
- with keylock
- reset function (to factory setting)
- low intrinsic energy requirement
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- ETS additional functions: +6 scenes, operating mode on/off, scene loading, time dimming value, push-button, status display
- LC display illuminated during operation
- LC display contrast is adjustable
- indication of the application module/insert compatibility in the display
- menu guidance available in German, English or French
- with automatic summer-/winter time switching (can be switched off)
- with switchover manual/automatic mode
- 2 independent preset programme memories, individually adaptable
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the switching times in automatic operation
- standalone programme, radio and extension unit commands are not executed
- integration in the KNX TP system using KNX radio media coupler

Suitable for	Order no.	Page
Power supply for KNX radio application module	8502 01 01	490
Relay insert	8512 12 01	487
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
optional		
coviva Smartbox	9000 00 00	734
Order no.		PU

Design

serie 1930 | R.classic

polar white glossy	8574 52 39	1
black glossy	8574 52 31	1



Electronics platform - motion detectors

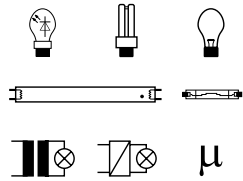
– for serie 1930, the conventional and KNX radio application modules listed below can be combined exclusively with 1gang frames for Ø 58 mm centre plates, order no. 13820...

Electronics platform - inserts



Relay insert

Operating voltage	230 V~	– low intrinsic energy requirement	
Frequency	50/60 Hz	– with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit	
Minimum contact load	≈ 15 W		
230 V LED lamps	440 W	– also usable as push-button relay switch	
Dimmable energy-saving lamps	440 W	– no conductive connection between supporting ring and spreading claws	
230 V incandescent lamps and halogen lamps	2300 W	– with screw terminals	
Dimmable conventional transformers	1500 VA		
Electronic transformers and dual-mode transformers	1500 W		
Fluorescent lamps:			
- uncompensated	1100 VA		
- parallel compensated	1000 W		
- in Duo circuit	1000 W		
- with electrical ballast (EB)	1000 W		
Compact fluorescent lamps with electronic ballast	22 x 20 W		
Number of substations	unlimited		
Operating temperature	-5 ... +45 °C		
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²		
Load cable length	max. 100 m		
Cable length, extensions	max. 50 m		
Claw guidance installation depth	32 mm		



Suitable for
Motion detector covers
KNX radio motion detector covers

Order no.

Page
page 496
page 498

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Not suitable for installation in surface-mounted housing.

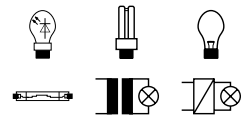


Design	Order no.	PU
Relay insert	8512 12 01	1



Switch insert 1gang

Operating voltage	230 V~	– low intrinsic energy requirement	
Frequency	50/60 Hz	– bulb-preserving soft startup	
Dimmable 230 V LED lamps	5 ... 70 W	– automatic setting of load-dependent switching principle (autoDetect process)	
Dimmable energy-saving lamps	13 ... 80 W	– optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode	
230 V incandescent lamps and halogen lamps	25 ... 400 W	– with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit	
Dimmable conventional transformers	25 ... 400 VA	– short-circuit and overload proof (electronic fuse)	
Electronic transformers and dual-mode transformers	25 ... 400 W	– no conductive connection between supporting ring and spreading claws	
Number of substations	unlimited	– with screw terminals	
Operating temperature	-5 ... +45 °C		
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²		
Load cable length	max. 100 m		
Cable length, extensions	max. 50 m		
Installation depth	32 mm		



Suitable for
Motion detector covers
KNX radio motion detector covers

Order no.

Page
page 496
page 498

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Do not connect inductive and capacitive loads jointly.

Only suitable for operation with dimmable loads!

Caution!

Only connect **dimmable** 230 V ESL or LED lamps.



Design	Order no.	PU
Switch insert 1gang	8512 11 01	1

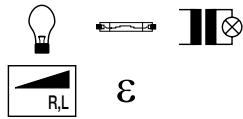


Touch dimmer (R, L)

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Load cable length	max. 100 m
Cable length, extensions	max. 50 m
Installation depth	32 mm

- when cover is detached, the switch status is retained (wallpaper function)
- low intrinsic energy requirement
- bulb-preserving soft startup
- phase cut-on
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Suitable for	Order no.	Page
Motion detector covers		page 496
KNX radio motion detector covers		page 498

Design	Order no.	PU
Touch dimmer (R, L)	8542 11 01	1

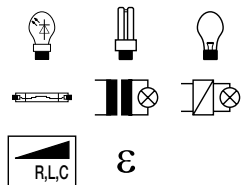


Universal touch dimmer 1gang

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
Dimmable 230 V LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Load cable length	max. 100 m
Cable length, extensions	max. 50 m
Installation depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting of load-dependent switching principle (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Do not connect inductive and capacitive loads jointly.

Suitable for	Order no.	Page
Motion detector covers		page 496
KNX radio motion detector covers		page 498

Design	Order no.	PU
Universal touch dimmer 1gang	8542 12 01	1



Extension unit for motion detector

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Number of motion detector extension units	unlimited
Operating temperature	-5 ... +45 °C
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Cable length, extensions	max. 50 m
Installation depth	32 mm

- low intrinsic energy requirement
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for	Order no.	Page
Motion detector covers		page 496
KNX radio motion detector covers		page 498

Design	Order no.	PU
Extension unit for motion detector	8532 01 01	1



Motion detector covers



Motion detector 2.2 m

Nominal mounting height	2.2 m	– with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	– party function for switching on for 2 hours
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– teach function for response brightness via button
Delay time	≈ 180 s	– with keylock
Range, frontal	≈ 8 m	– low intrinsic energy requirement
Range, side	each ≈ 6 m	– μ-processor controlled mode of operation
Detection field, rectangular shaped	≈ 8 x 12 m	– LED application module/insert compatibility display
Operating temperature	-5 ... +45 °C	– with operation and status LED, red/green/orange
Assembling height	34 mm	– with button for on/off/automatic

Suitable for	Order no.	Page
Electronics platform - inserts		page 494
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

Only suitable for indoor areas!

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	8534 21 39	1
black glossy	8534 21 31	1



Motion detector 1.1 m

Nominal mounting height	1.1 m	– with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	– party function for switching on for 2 hours
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– teach function for response brightness via button
Delay time	≈ 180 s	– with keylock
Range, frontal	≈ 12 m	– low intrinsic energy requirement
Range, side	each ≈ 8 m	– μ-processor controlled mode of operation
Detection field, rectangular shaped	≈ 12 x 16 m	– LED application module/insert compatibility display
Operating temperature	-5 ... +45 °C	– with operation and status LED, red/green/orange
Assembling height	34 mm	– with button for on/off/automatic

Suitable for	Order no.	Page
Electronics platform - inserts		page 494
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the motion detector.
Only suitable for indoor areas!

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	8534 11 39	1
black glossy	8534 11 31	1





IR motion detector comfort 2.2 m

▶ 896

Nominal mounting height	2.2 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Delay time, adjustable	≈ 10 s ... 30 min
Range, frontal	≈ 8 m
Range, side	each ≈ 6 m
immunity time	≈ 10 s
Short time mode	200 ms
Detection field, rectangular shaped	≈ 8 x 12 m
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- with memory function for presence simulation
- party function for switching on for 2 hours
- teach function for response brightness via button
- with keylock
- low intrinsic energy requirement
- step operation with immunity time (e.g. for stair light/ impact current circuits)
- μ-processor controlled mode of operation
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with button for on/off/automatic

Suitable for	Order no.	Page
Electronics platform - inserts		page 494
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

Only suitable for indoor areas!

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	8534 22 39	1
black glossy	8534 22 31	1



IR motion detector comfort 1.1 m

▶ 896

Nominal mounting height	1.1 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Delay time, adjustable	≈ 10 s ... 30 min
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
immunity time	≈ 10 s
Short time mode	200 ms
Detection field, rectangular shaped	≈ 12 x 16 m
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- with memory function for presence simulation
- party function for switching on for 2 hours
- teach function for response brightness via button
- with keylock
- low intrinsic energy requirement
- step operation with immunity time (e.g. for stair light/ impact current circuits)
- μ-processor controlled mode of operation
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with button for on/off/automatic

Suitable for	Order no.	Page
Electronics platform - inserts		page 494
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the motion detector.

Only suitable for indoor areas!

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	8534 12 39	1
black glossy	8534 12 31	1



Mains power supply for KNX radio application modules



Power supply for KNX radio application module

Operating voltage	230 V~
Frequency	50/60 Hz
Operating temperature	-5 ... +45 °C
Screw terminals (max.)	1 x 4/2 x 2.5 mm ²
Installation depth	22 mm

- low intrinsic energy requirement
- as supply for radio application modules
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Motion detector application modules in conjunction with a network insert can only be used as a motion detector extension unit (slave).
For this purpose, a motion detector application module with a relay insert must be installed as a motion detector main unit (master) (order no.: 8512 12 00).

Suitable for	Order no.	Page
KNX radio motion detector comfort 1.1 m quicklink	8534 51 3 ..	498
KNX radio motion detector comfort 2.2 m quicklink	8534 61 3 ..	499



Design	Order no.	PU
Power supply for KNX radio application module	8502 01 01	1

KNX radio motion detector covers



KNX radio motion detector comfort 1.1 m quicklink

▶ 896

Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission frequency	868.3 MHz
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Nominal mounting height	1.1 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Delay time, adjustable	≈ 1 s ... 3 h
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Detection field, rectangular shaped	≈ 12 x 16 m
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- with memory function for presence simulation
- party function for switching on for 2 hours
- teach function for response brightness via button
- with keylock
- reset function (to factory setting)
- switch-off pre-warning on dimmer inserts
- low intrinsic energy requirement
- quicklink functions: switching, dimming, 2 scenes, switching time, NO contact push-button, priority, Master-Slave
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, scene call-up upon motion/no motion
- remote control via quicklink transmitter
- scene opening via KNX radio appliances
- scene saving lockable
- µ-processor controlled mode of operation
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with configuration and function LEDs
- optional operation of extension units using installation push-button
- with configuration and function button
- with button for on/off/automatic/memory/party function
- integration in the KNX TP system using KNX radio media coupler

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the motion detector.

Only suitable for indoor areas!

NOTE:

When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.

Installation in multiple combinations of the serie 1930 is not possible!

Suitable for	Order no.	Page
Electronics platform - inserts		page 494
Mains power supply for KNX radio application modules		page 498
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
optional		
coviva Smartbox	9000 00 00	734



Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	8534 51 39	1
black glossy	8534 51 31	1



KNX radio motion detector comfort 2.2 m quicklink

▶ 896

Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission frequency	868.3 MHz
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Nominal mounting height	2.2 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Delay time, adjustable	≈ 1 s ... 3 h
Range, frontal (at 1.1 m installation height)	≈ 4 m
Range, frontal	≈ 8 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Detection field, rectangular shaped	≈ 8 x 12 m
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- with memory function for presence simulation
- party function for switching on for 2 hours
- teach function for response brightness via button
- with keylock
- reset function (to factory setting)
- switch-off pre-warning on dimmer inserts
- low intrinsic energy requirement
- quicklink functions: switching, dimming, 2 scenes, switching time, NO contact push-button, priority, Master-Slave
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, scene call-up upon motion/no motion
- remote control via quicklink transmitter
- scene opening via KNX radio appliances
- scene saving lockable
- µ-processor controlled mode of operation
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with configuration and function LEDs
- optional operation of extension units using installation push-button
- with configuration and function button
- with button for on/off/automatic/memory/party function
- integration in the KNX TP system using KNX radio media coupler

Only suitable for indoor areas!

NOTE:

When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used. Installation in multiple combinations of the serie 1930 is not possible!

Suitable for	Order no.	Page
Electronics platform - inserts		page 494
Mains power supply for KNX radio application modules		page 498
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
optional coviva Smartbox	9000 00 00	734

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	8534 61 39	1
black glossy	8534 61 31	1



Blind switches/push-buttons

Rotary switches for blinds



Rotary switch for blinds 1pole with centre plate

▶ 883

- rotary knobs



- with push lock function
- with neutral-position
- with screw terminals

Rated voltage	250 V~
Switching current	10 A

Suitable for	Order no.	Page
optional Interlock disk for rotary switch for blinds		page 500

Follow the motor manufacturers' instructions.

Design	Order no.	PU
serie 1930 glas		
polar white glossy	3811	1
black glossy	3811 01	1
serie R.classic		
polar white glossy	3811 20 89	1
black glossy	3811 20 45	1





Rotary switch for blinds 2pole with centre plate

- rotary knobs



Rated voltage
Switching current

250 V~
10 A

- with push lock function
- with neutral-position
- with screw terminals

Suitable for optional
Interlock disk for rotary switch for blinds

Order no.

▶ 883

Page

page 500

Follow the motor manufacturers' instructions.

Design

Order no.

PU

serie 1930 | glas

polar white glossy

3812

1

black glossy

3812 01

1

serie R.classic

polar white glossy

3812 20 89

1

black glossy

3812 20 45

1



Interlock disk for rotary switch for blinds

- for conversion to rotary push-button for blinds

Suitable for	Order no.	Page
Rotary switch for blinds 2pole with centre plate	3812 ..	500
Rotary switch for blinds 1pole with centre plate	3811 ..	499

Design

Order no.

PU

serie 1930 | glas

Interlock disk for rotary switch for blinds

1861

10

Berker R.1 | R.3 | R.8 | serie R.classic

Interlock disk for rotary switch for blinds

1861 01

10



blind control

- for serie 1930, the conventional and KNX radio application modules listed below can be combined exclusively with 1gang frames for Ø 58 mm centre plates, order no. 13820...

Blind inserts



Blind insert comfort

Operating voltage
Frequency
Switching current (ohmic/inductive)
Switching current at cos φ = 0.6
Change-over time for change of direction
Number of substations
Operating temperature
Screw terminals (max.)
Load cable length
Cable length, extensions
Claw guidance installation depth

230 V~

50/60 Hz

max. 5 A

max. 3 A

< 0.6 s

unlimited

-5 ... +45 °C

2 x 1.5/1 x 2.5 mm²

max. 100 m

max. 50 m

32 mm

- for single, group and master controls
- low intrinsic energy requirement
- with 2 mechanically and electrically mutually-locked relay contacts
- with 230 V extension unit inputs for up and down
- no conductive connection between supporting ring and spreading claws
- circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
- with screw terminals

Suitable for	Order no.	Page
KNX radio blind covers		page 501
KNX radio blind button quicklink	8524 52 3 ..	page 502
optional		
Cutoff relay		page 95
Interface surface-mounted for wind sensor	173	94
Precipitation sensor	183 01	94

Design

Order no.

PU

Blind insert comfort

8522 11 01

1

μ IP20



Blind covers



Blind button

Delay time, adjustable	0 s ... 500 s
Running time	max. 2 min
Minimum slat adjustment time	≈ 250 ms
Change-over time for change of direction	< 0.6 s
Operating temperature	-5 ... +45 °C

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- low intrinsic energy requirement
- LED application module/insert compatibility display
- with indicator LED for lock-out protection
- with status LED for memory and party function, red/orange
- with imprinted symbol arrows
- can be switched to orientation led by extension unit

▶ 896

Suitable for	Order no.	Page
Blind insert comfort	8522 11 01	500
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

Design

Order no.

PU

serie 1930 | R.classic

polar white glossy	8524 11 39	1
black glossy	8524 11 31	1



Blind time switch

- display

Running time	2 min
Minimum slat adjustment time	≈ 250 ms
Change-over time for change of direction	< 0.6 s
Astronomic time shift	± 2 h
Power reserve	≈ 24 h
Random number generator	± 15 min
Number of operation times for up/down	20
Operating temperature	-5 ... +45 °C

Control using device buttons and programmed switching times.

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- with keylock
- reset function (to factory setting)
- low intrinsic energy requirement
- LC display illuminated during operation
- LC display contrast is adjustable
- indication of the application module/insert compatibility in the display
- with automatic summer-/winter time switching (can be switched off)
- can be switched to orientation led by extension unit
- 2 independent preset programme memories, individually adaptable
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation

▶ 896

Suitable for	Order no.	Page
Blind insert comfort	8522 11 01	500
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

Design

Order no.

PU

serie 1930 | R.classic

polar white glossy	8574 11 39	1
black glossy	8574 11 31	1



Mains power supply for KNX radio application modules



Power supply for KNX radio application module

Operating voltage	230 V~
Frequency	50/60 Hz
Operating temperature	-5 ... +45 °C
Screw terminals (max.)	1 x 4/2 x 2.5 mm ²
Installation depth	22 mm

- low intrinsic energy requirement
- as supply for radio application modules
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for	Order no.	Page
KNX radio blind time switch quicklink	8574 51 3 ..	503
KNX radio blind button quicklink	8524 52 3 ..	502

Design

Order no.

PU

Power supply for KNX radio application module	8502 01 01	1
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KNX radio blind covers



KNX radio blind button quicklink

▶ 896

Radio protocol	KNX Radio
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Venetian blind movement time	2 min
Lamella adjusting time	(adjustable) 0.05 ... 2.5 s
Minimum slat adjustment time	≈ 250 ms
Lamella adjustment on signal duration	< 1 s
Change-over time for change of direction	< 0.6 s
Self-retaining for 2 min on signal length	> 1 s
Operating temperature	-5 ... +45 °C

- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- low intrinsic energy requirement
- quicklink functions: blind, 2 scenes, forced control, up/down push-button
- ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm
- scene opening via KNX radio appliances
- slat position storable for scene
- sun protection and twilight-controlled lowering with radio brightness sensor
- LED application module/insert compatibility display
- with configuration and function LEDs
- with indicator LED for lock-out protection
- with status LED for memory and party function, red/orange
- with imprinted symbol arrows
- can be switched to orientation led by extension unit
- with configuration and function button
- toolless quicklink configuration using buttons and LED display
- integration in the KNX TP system using KNX radio media coupler

For manual actuation, automated memory execution or remote control via KNX radio.

NOTE:

When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Suitable for	Order no.	Page
Mains power supply for KNX radio application modules		page 501
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
Blind insert comfort	8522 11 01	500
optional		
KNX radio brightness sensor	8580 11 00	724
coviva Smartbox	9000 00 00	734
Order no.		PU

Design

serie 1930 | R.classic

polar white glossy	8524 52 39	1
black glossy	8524 52 31	1





KNX radio blind time switch quicklink

▶ 896

- display



Radio protocol	KNX Radio
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Running time	2 min
Minimum slat adjustment time	≈ 250 ms
Lamella adjustment on signal duration	< 1 s
Change-over time for change of direction	< 0.6 s
Self-retaining for 2 min on signal length	> 1 s
Astronomic time shift	± 2 h
Power reserve	≈ 24 h
Random number generator for holiday program	± 15 min
Number of operation times for up/down	20/day
Operating temperature	-5 ... +45 °C

- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- configurable transmission and/or reception behaviour
- with keylock
- reset function (to factory setting)
- low intrinsic energy requirement
- quicklink functions for integration into the individual, group and master control of blinds/shutters
- quicklink functions: blind, 2 scenes, forced control, up/down push-button
- ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm
- LC display illuminated during operation
- LC display contrast is adjustable
- indication of the application module/insert compatibility in the display
- scene opening via KNX radio appliances
- slat position storable for scene
- sun protection and twilight-controlled lowering with radio brightness sensor
- with automatic summer-/winter time switching (can be switched off)
- can be switched to orientation led by extension unit
- 2 independent preset programme memories, individually adaptable
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- standalone programme, radio and extension unit commands are not executed
- integration in the KNX TP system using KNX radio media coupler

Control using device buttons, radio transmitters and programmed switching times.

NOTE:

When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used. Installation in multiple combinations of the serie 1930 is not possible!

Suitable for	Order no.	Page
Mains power supply for KNX radio application modules		page 501
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
Blind insert comfort	8522 11 01	500
optional		
KNX radio brightness sensor	8580 11 00	724

Design

serie 1930 | R.classic

polar white glossy	8574 51 39	1
black glossy	8574 51 31	1



Thermostats

New



IP30

Thermostat, NO contact, with centre plate

- time-controlled



Rated voltage	230 V~
Frequency	50 Hz
Switching current	max. 10 (2) A
Breaking capacity	2300 W
Hysteresis, settable	< 1 K for room thermostat
Floor temperature setting range	10 ... 42 °C
Room temperature setting range	5 ... 30 °C
Energy efficiency class	I (1%)
Power reserve	≈ 5 d
Ambient temperature	+0 ... +35 °C
Dimensions (W x H x D)	71 x 71 x 46 mm
Installation depth	28.5 mm

NOTE:

When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used. Installation in multiple combinations of the serie 1930 is not possible!

Not suitable for installation in surface-mounted housing.

- valve drives for thermoelectric valve drives 230 V, closed in de-energized state
- for time-dependent single-room or floor temperature control for electric and hot water heating systems
- large, backlight display with text and symbol display
- time and date display
- Operation via 4 touch-sensitive control surfaces whose currently active function is indicated by an icon on the display
- operating languages are adjustable: German, English, French, Dutch, Polish, Czech or Russian
- with party function
- with keylock
- with valve protection function
- with frost protection function
- Operating modes: automatic according to day programme, comfort, standby, off
- for continuous (PI) or switched (2-point) control
- hysteresis, settable
- with integrated temperature sensor
- temperature value can be calibrated
- additional connection for external temperature sensor
- with additional connection for external floor temperature sensor/remote sensor
- with automatic summer-/winter time switching (can be switched off)
- simple programming of switching times through integrated copy function
- emergency programme with fault signal for sensor failure
- holiday programme individually adjustable
- with centre plate Ø 58 mm
- without spreader claws
- with plug-in terminals

▶ 885

Design

serie 1930 | R.classic

Order no.

PU

polar white glossy

★ 2046 20 89

1

black glossy

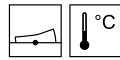
★ 2046 20 45

1



Thermostat, NO contact, with centre plate, for underfloor heating

- rocker switch
- external temperature sensor



Rated voltage	250 V~
Frequency	50 Hz
Switching current	16 (2) A
Switching temperature difference	≈ 1 K
Floor temperature setting range	10 ... 50 °C
Room temperature setting range	5 ... 30 °C
Sensor cable length	4 m
Night lowering	≈ 5 K
Energy efficiency class	I (1%)

- valve drives e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with separate connection for night lowering
- with LED for heating and LED for night lowering
- with imprint
- with on/off switch and 2 LEDs
- with centre plate Ø 58 mm
- without spreader claws
- with screw terminals

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

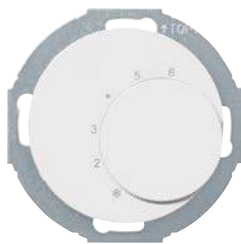
NOTE:

When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used. Installation in multiple combinations of the serie 1930 is not possible!

If the preset temperature is reached, the contact closes.

Not suitable for installation in surface-mounted housing.

Design	Order no.	PU
serie 1930 R.classic		
black glossy	2034 20 79	1
polar white glossy	2034 20 35	1



Temperature controller, change-over contact, with centre plate

Rated voltage	250 V~
Frequency	50/60 Hz
Switching current "Cooling"	5 A
Switching current "Cooling" at cos φ = 0.6	2 A
"Heating" switching current	10 A
Switching current "Heating" at cos φ = 0.6	4 A
Switching temperature difference	≈ 0.5 K
Energy efficiency class	I (1%)
Temperature	5 ... 30 °C

- valve drives e.g. for valve drives closed in de-energised state
- for heating or cooling mode
- setting knob with temperature range limitation
- with thermal return
- with imprint
- with centre plate Ø 58 mm
- without spreader claws
- with screw terminals

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

NOTE:

When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used. Installation in multiple combinations of the serie 1930 is not possible!

If the preset temperature is reached the contact changes.

Not suitable for installation in surface-mounted housing.

Design	Order no.	PU
serie 1930 R.classic		
black glossy	2026 20 79	1
polar white glossy	2026 20 35	1





Temperature controller, NC contact, with centre plate

- rocker switch



Rated voltage	250 V~
Frequency	50 Hz
Switching current	10 A
Switching temperature difference	≈ 0.5 K
Inductive load at cos φ = 0.6	max. 4 A
Night lowering	≈ 4 K
Energy efficiency class	I (1%)
Temperature	5 ... 30 °C

- valve drives e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with separate connection for night lowering
- with thermal return
- with imprint
- with on/off switch and indicator LED for "on"
- with centre plate Ø 58 mm
- without spreader claws
- with screw terminals

Suitable for	Frame, 1gang, for centre plate Ø 58 mm	Order no.	1382 0 ..	Page	527
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NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!
If the preset temperature is reached, the contact opens.

Not suitable for installation in surface-mounted housing.

Design	Order no.	PU
serie 1930 R.classic		
black glossy	2030 20 79	1
polar white glossy	2030 20 35	1



Communication/multimedia technology

FCC socket outlets



FCC socket outlet, 8 (4)-pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Installation depth	22 mm

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

Cat.3 according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

▶ 887



Design	Order no.	PU
white	4568	10



FCC socket outlet, 8-pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Installation depth	22 mm

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

Cat.3 according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

▶ 887



Design	Order no.	PU
white	4538	10



FCC socket outlet 8pole shielded, cat.6/class E

▶ 887

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 250 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Installation depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and strain relief
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with IDC terminals

Design to according to DIN EN 60603-7-5
Colour code A and B according to TIA/EIA-568-B.2
Cat.6/class E according to ISO/IEC 11801, 2nd edition



Design	Order no.	PU
FCC socket outlet 8pole shielded, cat.6/class E	4554 01	10



FCC socket outlet 8pole shielded, cat.6A iso

▶ 887

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 500 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Installation depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and strain relief
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with IDC terminals

Cat.6_A iso/class E_A according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, Class B
Design to according to DIN EN 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2



Design	Order no.	PU
FCC socket outlet 8pole shielded, cat.6A iso	4586	10



WLAN Access-Point UP

Rated voltage	230 V~
Frequency	50/60 Hz
Power consumption (operation)	max. 3 W
Transmission rate WLAN	max. 150 Mbit/s
Transmission rate Ethernet	max. 10/100 Mbit/s
Frequency band	2.4 GHz
Operating temperature	-5 ... +45 °C
Installation depth	≈ 40 mm

- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)
- ciphering method: WEP, WPA, WPA2
- WLAN range can be configured for adaptation to spatial conditions
- configuration of the integrated web server via web browser
- with integrated WLAN antenna
- with RJ45 jack on front
- LAN connection via 5pole screw terminal block
- with 2pole plug-in terminal for mains voltage

WLAN Standards IEEE 802.11 b/g/n
For fitting in standard connection boxes according to DIN 49073 and DIN EN 60670

Manufacturer product line
Reset magnet
Rutenbeck

Art. no.

Design	Order no.	PU
WLAN Access-Point UP	4582	1



WLAN Access-Point flush-mounted, PoE

Power over Ethernet (PoE)	48 V= (Class 0)
Power output PoE	max. 6.49 W
Power consumption PoE	max. 3 W
Transmission rate WLAN	max. 150 Mbit/s
Transmission rate Ethernet	max. 10/100 Mbit/s
Frequency band	2.4 GHz
Operating temperature	-5 ... +45 °C
Installation depth	≈ 40 mm

WLAN Standards IEEE 802.11 b/g/n
For fitting in standard connection boxes according to DIN 49073 and DIN EN 60670

- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)
- ciphering method: WEP, WPA, WPA2
- WLAN range can be configured for adaptation to spatial conditions
- configuration of the integrated web server via web browser
- with integrated WLAN antenna
- power supply (PoE, class2) of further network devices possible via RJ45 jack on front
- LAN connection/PoE power supply via 9pole screw terminal block

Manufacturer product line **Art. no.**
Reset magnet
Rutenbeck

Design	Order no.	PU
WLAN Access-Point flush-mounted, PoE	4583	1



Centre plate for FCC socket outlet

For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- for WLAN access-points
- with 45° oblique outlet

Design	Order no.	PU
serie 1930 glas		
polar white glossy	1407	10
black glossy	1407 01	10
serie R.classic		
polar white glossy	1407 20 89	10
black glossy	1407 20 45	10



FCC socket outlet, 2 x 8 (4)-pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Installation depth	22 mm

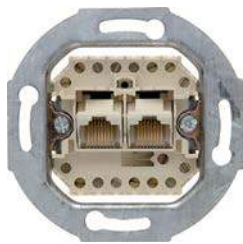
Cat.3 according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- with 45° oblique outlet
- with screw terminals

▶ 887



Design	Order no.	PU
white	4562	10



FCC socket outlet, 8 /8-pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Installation depth	22 mm

Cat.3 according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

▶ 887



Design	Order no.	PU
white	4539	10



FCC socket outlet 8/8pole shielded, cat.6/class E

▶ 887

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 250 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Installation depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and strain relief
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with IDC terminals

Design to according to DIN EN 60603-7-5
Colour code A and B according to TIA/EIA-568-B.2
Cat.6/class E according to ISO/IEC 11801, 2nd edition



Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6/class E	4555 01	10



FCC socket outlet 8/8pole shielded, cat.6 iso

▶ 887

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Installation depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and strain relief
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with IDC terminals

Cat.6_A iso/class E_A according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, Class B
Design to according to DIN EN 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2



Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6 iso	4587	10



Centre plate for FCC socket outlet 2gang

For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- with 45° oblique outlet

Design	Order no.	PU
serie 1930 glas		
polar white glossy	1409	10
black glossy	1409 01	10
serie R.classic		
polar white glossy	1409 20 89	10
black glossy	1409 20 45	10



Modular FCC socket outlet 8/8pole shielded, cat.6 iso

▶ 887

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	< 20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 500 MHz
Operating temperature	-40 ... +70 °C
Installation depth	35 mm
Copper conductor (solid)	Ø0.51 ... 0.64 (AWG 24-22) mm
Copper conductor (flexible) Ø	0.4 ... 0.53 (AWG 26-24) mm

- external eyelets on the supporting ring can be broken off for round designs
- die-cast zinc housing
- only suitable for RJ45 plugs
- with screen contacting 360° and strain relief
- with straight outlet
- without spreader claws
- suitable for PoE+
- with IDC-insulation displacement contacts
- with optional dust protection hinged covers

Cat.6_A iso\class E_A according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, Class B
Design to according to DIN EN 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2



Design	Order no.	PU
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	1



Centre plate with TAE cut-out

- push-out



For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

- also for TDO socket outlet
- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page page
Loudspeaker connector box		page 512
Stereo loudspeaker connector box		page 512
Modular FCC socket outlet 8/8pole shielded, cat.6 iso		page 510
230 V USB charging socket outlet 2gang, 3 A	2602 1 ..	page 514

Design	Order no.	PU
serie 1930 glas		
polar white glossy, with 2 knock out openings	1040	10
black glossy, with 2 knock out openings	1040 01	10



Centre plate with TAE cut-out

For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page page
Loudspeaker connector box		page 512
Stereo loudspeaker connector box		page 512
Modular FCC socket outlet 8/8pole shielded, cat.6 iso		page 510
230 V USB charging socket outlet 2gang, 3 A	2602 1 ..	page 514

Design	Order no.	PU
serie R.classic		
polar white glossy	1038 20 89	10
black glossy	1038 20 45	10

Aerial sockets



Aerial socket 2hole single box

▶ 888

Wave impedance	75 Ω
Broadband technology	5 ... 2400 MHz
EN 50083-2 and EN 60728-4	
Protective screen according to EN 50083-2, Class A	

- suitable for HDTV
- in star structure or decoupled spur lines
- direct voltage conducting (IN / IEC jack female)
- for digital and analogue transmission
- for terrestrial reception
- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- external eyelets on the supporting ring can be broken off for round designs
- with plug-in terminals



Design	Order no.	PU
4 dB	4502 10	10



Aerial socket, 2hole throughpass socket

▶ 888

Broadband technology 5 ... 2400 MHz
Transmission loss:
EN 50083-2 and EN 60728-4
Protective screen according to EN 50083-2, Class A

- suitable for HDTV
- in tree structure and trunk lines
- for digital and analogue transmission
- for terrestrial reception
- for community, DVB-T and broadband cable systems
- for SAT house distributors
- external eyelets on the supporting ring can be broken off for round designs
- with plug-in terminals

Design	Order no.	PU
10 dB	4515 10	10
15 dB	4515 15	10
20 dB	4515 20	10



Centre plate for aerial socket 2hole

For aerial socket according to DIN 45330

Design	Order no.	PU
serie 1930 glas		
polar white glossy	1039 20	10
black glossy	1039 21	10



Aerial socket 3hole single box

▶ 888

- DC-permeable



Wave impedance 75 Ω
Broadband technology 5 ... 2400 MHz
EN 50083-2 and EN 60728-4
Protective screen according to EN 50083-2, Class A

- suitable for HDTV
- in star structure or decoupled spur lines
- DC voltage conducting
- for digital and analogue transmission
- for terrestrial reception
- remote supply via F-socket
- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- external eyelets on the supporting ring can be broken off for round designs
- with plug-in terminals

Design	Order no.	PU
5.5 dB	4522 10	10



Centre plate for aerial socket 3hole

Design	Order no.	PU
serie 1930 glas		
polar white glossy	1064 20	10
black glossy	1064 21	10



Centre plate for aerial socket 2-/3hole

For aerial socket according to DIN 45330

- with knock out SAT input

Design	Order no.	PU
serie R.classic		
polar white glossy	1203 20 89	10
black glossy	1203 20 45	10



Aerial socket 4hole single box

- DC-permeable



Wave impedance 75 Ω
Broadband technology 5 ... 2400 MHz

EN 50083-2 and EN 60728-4
Protective screen (SAT) according to EN 50083-2, Class A
Protective screen (VHF/UHF) according to EN 50083-2, Class B

- suitable for HDTV
- in star structure or decoupled spur lines
- DC voltage conducting
- with 2 independent SAT outputs (F-sleeves) and 2 IEC outputs (male/female)
- for digital and analogue transmission
- for terrestrial reception
- also to add SAT programmes in broadband cable systems
- remote supply via F-sockets
- for community and broadband cable systems
- for multi-switch systems
- for single and distributor SAT systems
- for simultaneous connection of radio and TV receiver as well as 2 independent SAT receivers
- with screw terminals

▶ 888



Design	Order no.	PU
2 dB	4594 10	10



Centre plate for aerial socket 4hole (Ankaro)

For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

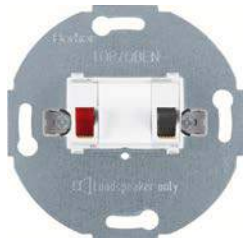
NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

- with 2 additional SAT outputs (F-sockets)

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	1484 20 89	10
black glossy	1484 20 45	10

Audio socket outlets



Loudspeaker connector box

Rated voltage 60 V=
Conductor cross-section max. 10 mm²

- with plug-in terminals (on backside with screw terminals)

▶ 892



Design	Order no.	PU
polar white, matt, plastic	4572 09	10
anthracite, matt	4572 05	10



Stereo loudspeaker connector box

Rated voltage 60 V=
Conductor cross-section max. 10 mm²

- with plug-in terminals (on backside with screw terminals)

▶ 892



Design	Order no.	PU
polar white, matt, plastic	4573 09	10
anthracite, matt	4573 05	10



Centre plate with TAE cut-out

- push-out



For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

Design

serie 1930 | glas

polar white glossy, with 2 knock out openings
black glossy, with 2 knock out openings

- also for KNX applications: USB data interface, flush-mounted
- also for TDO socket outlet

Suitable for	Order no.	Page
Loudspeaker connector box		page 512
Stereo loudspeaker connector box		page 512
Modular FCC socket outlet 8/8pole shielded, cat.6 iso		page 510
230 V USB charging socket outlet 2gang, 3 A 2602 1 ..		page 514
Order no.		PU

	1040	10
	1040 01	10



Centre plate with TAE cut-out

For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

Design

serie R.classic

polar white glossy
black glossy

- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
Loudspeaker connector box		page 512
Stereo loudspeaker connector box		page 512
Modular FCC socket outlet 8/8pole shielded, cat.6 iso		page 510
230 V USB charging socket outlet 2gang, 3 A 2602 1 ..		page 514
Order no.		PU

	1038 20 89	10
	1038 20 45	10



Insert with centre plate for small connector

For more information on relevant articles of other manufacturers, please see chapter **Communication | Multimedia technology**.

For flange cover with 22.2 mm hole pitch according to DIN 41529

Design

serie 1930 | glas

polar white glossy
black glossy

serie R.classic

polar white glossy
black glossy

- for 1 or 2 connectors
- for diode plug-in devices
- for miniature plug-in devices
- for loudspeaker sockets
- with supporting ring
- 1 knock out opening

Order no.		PU
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	4508 20	10
	4508 21	10
	1196 20 79	10
	1196 20 35	10



USB charging sockets



230 V USB charging socket outlet 2gang, 3 A

- screw terminals



Input voltage	230 V~ (-15%/+10%)
Frequency	50/60 Hz
Rated current	at 230 V, 0.2 A
Output voltage	5 V= (± 5 %)
Output current per socket	max. 3 A
Output current when operating both sockets (total)	max. 3 A
Power consumption (standby)	max. 150 mW
Operating temperature	-5 ... +35 °C
Conductor cross-section (rigid)	max. 2.5 mm ²
Installation depth	32 mm

- for charging mobile end devices like tablets, smart phones, navigation devices and digital cameras via USB cable
- with 2 USB sockets type A
- short-circuit and overload proof (electronic fuse)
- with screw terminals (double for wiring through)

Suitable for	Order no.	Page
Centre plate with TAE cut-out		page 514
Centre plate with TAE cut-out		page 514

No data transmission possible!

Design	Order no.	PU
serie 1930 R.classic		
polar white matt	2602 19	1
anthracite matt	2602 15	1



Centre plate with TAE cut-out

- push-out



For more information on relevant articles of other manufacturers, please see chapter **Communication | Multi-media technology**.

- also for TDO socket outlet
- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
Loudspeaker connector box		page 512
Stereo loudspeaker connector box		page 512
Modular FCC socket outlet 8/8pole shielded, cat.6 iso		page 510
230 V USB charging socket outlet 2gang, 3 A	2602 1 ..	page 514

Design	Order no.	PU
serie 1930 glas		
polar white glossy, with 2 knock out openings	1040	10
black glossy, with 2 knock out openings	1040 01	10



Centre plate with TAE cut-out

For more information on relevant articles of other manufacturers, please see chapter **Communication | Multi-media technology**.

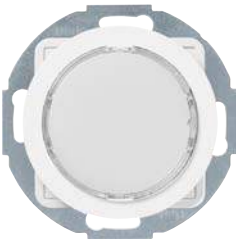
- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
Loudspeaker connector box		page 512
Stereo loudspeaker connector box		page 512
Modular FCC socket outlet 8/8pole shielded, cat.6 iso		page 510
230 V USB charging socket outlet 2gang, 3 A	2602 1 ..	page 514

Design	Order no.	PU
serie R.classic		
polar white glossy	1038 20 89	10
black glossy	1038 20 45	10

Pilot lamps

LED signal lights



LED signal light, white lighting

▶ 875

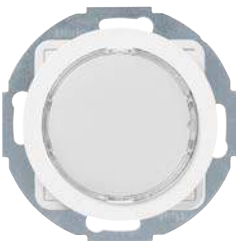
Rated voltage 230 V~
Frequency 50/60 Hz
Power consumption at 230 V~, 50 Hz - max. 1 W

- for signalling notices, information or warnings
- brightness modifiable via potentiometer
- light colour cold white
- switchable via separate switch
- foils with imprint of symbols insertable

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
optional		
Foil for round LED signal light		page 54

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	2953 20 89	1
black glossy	2953 20 45	1



LED signal light, RGB

▶ 875

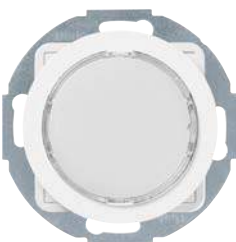
Rated voltage 230 V~
Frequency 50/60 Hz
Power consumption at 195...265 V~, 50/60 Hz - max. 3.7 W

- for signalling notices, information or warnings
- brightness modifiable via potentiometer
- light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence callable via push-button
- colour sequence can be stopped at any position via the push-button.
- colour is switchable via an external switch
- foils with imprint of symbols insertable

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
optional		
Foil for round LED signal light		page 54

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	2951 20 89	1
black glossy	2951 20 45	1



LED signal light, red/green lighting

▶ 875

Rated voltage 230 V~
Frequency 50/60 Hz
Power consumption at 230 V~, 50 Hz - per colour max. 0.5 W

- for signalling of e.g. access control
- switchable between red and green via separate switches
- two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
optional		
Foil bi-colour for round LED signal light		page 55

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	2952 20 89	1
black glossy	2952 20 45	1



Pilot lamps



Push-button/pilot lamp E10, NO contact, with centre plate

▶ 876

Rated voltage 250 V~
Momentary-contact current 2 A
Incandescent lamp power max. 2 W

- for illumination and monitoring circuit
- with screw terminals

Suitable for	Order no.	Page
Neon lamp E10	1601	57
LED lamp E10	1678 ..	57

Design	Order no.	PU
serie 1930 glas		
polar white glossy	5104	1
black glossy	5104 01	1





Knob for push-button/pilot lamp E10

	Suitable for	Order no.	Page
	Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	515
Design		Order no.	PU
polar white glossy		1225	10
black glossy		1225 01	10
polar white glossy, with imprinted symbol for light ¹⁾		1226	10
polar white glossy, with imprinted symbol for bell ²⁾		1227	10
red, transparent		1229	10
clear, transparent		1229 02	10

¹⁾ with imprinted symbol for light
²⁾ with imprinted symbol for bell



Cover for push-button/pilot lamp E10

	Suitable for	Order no.	Page
	Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	515
Design		Order no.	PU
clear, transparent		1221	10
red, transparent		1222	10

Supplementary products

Blind plates

Blind plug with centre plate



- with supporting ring
- centre plate for plug-in fixing
- without spreader claws

Design	Order no.	PU
serie 1930 glas		
polar white glossy	1009 20	20
black glossy	1009 21	20
serie R.classic		
polar white glossy	1009 20 79	20
black glossy	1009 20 35	20



Blind plug with centre plate, base and spreader claws



- with supporting plate
- centre plate for plug-in fixing
- with spreader claws

Design	Order no.	PU
serie 1930 glas		
polar white glossy	6710 09 20	10
black glossy	6710 09 21	10



Cable outlet



Cable outlet with low installation depth

Installation depth	22.5 mm	– space-saving for relays, etc. – for lines dia. max. 9 mm – with strain relief – without terminal block – with spreader claws
--------------------	---------	--

Suitable for	Order no.	Page
Centre plate for cable outlet	1037 ..	517
Centre plate for cable outlet	1019 20 ..	131



Design	Order no.	PU
Cable outlet with low installation depth	4468	10

Centre plate for cable outlet



Suitable for	Order no.	Page
Cable outlet with low installation depth		page 517

Design	Order no.	PU
serie 1930 glas		
polar white glossy	1037	10
black glossy	1037 01	10
serie R.classic		
polar white glossy	1019 20 89	10
black glossy	1019 20 45	10

Mounting accessories



Spacer gland

Spacing enlargement	20 mm	– for the new flush-mounted box generation from Kaiser
---------------------	-------	--

Matches all boxes with SnapTunnel spouts of make Kaiser for combinations with:
 - Full glass cover plates/glass frames of serie glas
 - Frames 1gang of serie 1930
 - Full cover plates with toggle of serie R.classic.

Suitable for	Order no.	Page
Cover plate with toggle for rotary switch/spring-return push-button	1001 20 ..	485
Glass cover plate for rotary switch/spring-return push-button	1090 ..	484
Glass frame 1gang	1091 ..	534
Frame 1gang	1381 ..	526
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

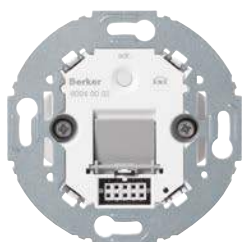
Design	Order no.	PU
serie 1930 glas R.classic		
red	1887	100

serie 1930 | glas | R.classic

KNX applications

– the configuration server (order no.:8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.

Push-buttons



Bus coupling unit, flush-mounted

- external temperature sensor connection



Operating voltage over bus	21 ... 32 V=	
Operating temperature	-5 ... +45 °C	
Installation depth	32 mm	

- additional connection for external temperature sensor
- with programming button and red programming LED
- with integrated buzzer for acoustic identification of the device within the system
- with dust protection flap for user interface (AST)
- with spreader claws
- bus connection via connecting terminal

Suitable for	Order no.	Page
Push-button 1gang	8016 18 6 ..	518
Push-button 2gang	8016 28 6 ..	518
optional		
KNX Configuration server easy link RMD	8001 00 00	774
Temperature sensor	160	760

Design	Order no.	PU
Bus coupling unit, flush-mounted	8004 00 02	1





Push-button 1gang

- RGB LED
- internal temperature sensor



Power consumption, KNX ≈ 150 mW
Operating temperature $-5 \dots +45$ °C

Use only in conjunction with bus coupling unit flush-mounted (order no. : 8004 00 02) for serie 1930/R.classic!

NOTE:

When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used. Installation in multiple combinations of the serie 1930 is not possible!

- function for manual interruption of automatic functions already triggered
- Push-button functions: i. a. switching, dimming, roller shutter/blind, timer, operating mode changeover
- setting of 1 ... 8 scenes possible
- colour of status LED uniformly adjustable for complete device
- brightness value of the status LED for day/nighttime operation preset, change-over for day/nighttime operation possible
- integrated temperature sensor with output of the measured values
- ETS additional functions: alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte; status LEDs can be adjusted individually in their brightness for button/push-button function; brightness value of status LEDs for day/nighttime operation adjustable via object or manually; control surfaces configurable as buttons (single-surface operation) and rockers (two-surface operation)
- ETS additional functions: value transmitter 1 and 2 bytes, 2-channel mode, level switch function
- with 2 RGB status LEDs per rocker
- with white operating LED, can be activated
- with anti-dismantling protection
- for bus coupling unit flush-mounted

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
Bus coupling unit, flush-mounted	8004 00 02	517
optional		
KNX Configuration server easy link RMD	8001 00 00	774

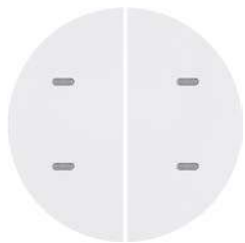
Design

serie 1930 | R.classic

polar white glossy	8016 18 69	1
black glossy	8016 18 65	1

Order no.

PU



Push-button 2gang

- RGB LED
- internal temperature sensor



Power consumption, KNX ≈ 150 mW
Operating temperature $-5 \dots +45$ °C

Use only in conjunction with bus coupling unit flush-mounted (order no. : 8004 00 02) for serie 1930/R.classic!

NOTE:

When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used. Installation in multiple combinations of the serie 1930 is not possible!

- function for manual interruption of automatic functions already triggered
- Push-button functions: i. a. switching, dimming, roller shutter/blind, timer, operating mode changeover
- setting of 1 ... 8 scenes possible
- colour of status LED uniformly adjustable for complete device
- brightness value of the status LED for day/nighttime operation preset, change-over for day/nighttime operation possible
- integrated temperature sensor with output of the measured values
- ETS additional functions: alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte; status LEDs can be adjusted individually in their brightness for button/push-button function; brightness value of status LEDs for day/nighttime operation adjustable via object or manually; control surfaces configurable as buttons (single-surface operation) and rockers (two-surface operation)
- ETS additional functions: value transmitter 1 and 2 bytes, 2-channel mode, level switch function
- with 2 RGB status LEDs per rocker
- with white operating LED, can be activated
- with anti-dismantling protection
- for bus coupling unit flush-mounted

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
Bus coupling unit, flush-mounted	8004 00 02	517
optional		
KNX Configuration server easy link RMD	8001 00 00	774

Design

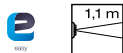
serie 1930 | R.classic

polar white glossy	8016 28 69	1
black glossy	8016 28 65	1

Order no.

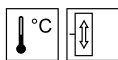
PU

Motion detector



KNX motion detector module 1.1 m

- internal temperature sensor
- integrated bus coupling unit



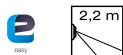
Operating voltage over bus	21 ... 32 V=
Current consumption KNX	max. 10 mA
Nominal mounting height	1.1 m
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Delay time, adjustable	10 s ... 30 min
Detection angle, settable	each side ≈ 45 ... 90°
Detection field, rectangular shaped	≈ 12 x 16 m
Operating temperature	-5 ... +45 °C

Automatic triggering of bus functions for movement within the detection area or manual control via integrated button.

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the motion detector.
Only suitable for indoor areas!

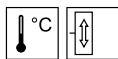
- with 3 operating modes: automatic/permanent ON/permanent OFF
- Master/Slave operation for covering large detection areas
- with test mode
- with button for automatic/permanent ON/permanent OFF
- operating mode display via status LED, red/green/orange
- setting of 1 ... 8 scenes possible
- motion detector functions: switching, dimming, roller shutter/blind, timer
- additional channel for independent of brightness detector mode
- ETS additional functions: two function channels for brightness independent functions; additional channel for brightness independent detector mode; output of brightness value via object possible
- with spreader claws
- with dismantling protection
- with integrated bus coupling unit
- bus connection via connecting terminal

Suitable for	Order no.	Page page
optional		
KNX Configuration server easy link RMD	8001 00 00	774
Order no.		PU
KNX motion detector module 1.1 m	8026 21 61	1



KNX motion detector module 2.2 m

- internal temperature sensor
- integrated bus coupling unit



Operating voltage over bus	21 ... 32 V=
Current consumption KNX	max. 10 mA
Nominal mounting height	2.2 m
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Delay time, adjustable	10 s ... 30 min
Detection angle, settable	each side ≈ 45 ... 90°
Detection field, rectangular shaped	≈ 8 x 12 m
Operating temperature	-5 ... +45 °C

Automatic triggering of bus functions for movement within the detection area or manual control via integrated button.

Only suitable for indoor areas!

- with 3 operating modes: automatic/permanent ON/permanent OFF
- Master/Slave operation for covering large detection areas
- with test mode
- with button for automatic/permanent ON/permanent OFF
- operating mode display via status LED, red/green/orange
- setting of 1 ... 8 scenes possible
- motion detector functions: switching, dimming, roller shutter/blind, timer
- additional channel for independent of brightness detector mode
- ETS additional functions: two function channels for brightness independent functions; additional channel for brightness independent detector mode; output of brightness value via object possible
- with spreader claws
- with dismantling protection
- with integrated bus coupling unit
- bus connection via connecting terminal

Suitable for	Order no.	Page page
optional		
KNX Configuration server easy link RMD	8001 00 00	774
Order no.		PU
KNX motion detector module 2.2 m	8026 22 61	1



Cover for KNX motion detector module

NOTE:
When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Suitable for	Order no.	Page
KNX motion detector module 1.1 m	8026 21 61	519
KNX motion detector module 2.2 m	8026 22 61	519
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	8096 04 60	1
black glossy	8096 04 65	1

Hotel applications



Relay switch with centre plate for hotel card

▶ 881

Rated voltage	230 V~ +10/-15 %	– with potentiometer for incremental adjustment of delay time
Frequency	50/60 Hz	– illuminated with blue LED if hotel card is not inserted
Switching current	10 A	– for illumination
Power consumption	< 0.2 W	– with potential-free contact
230 V incandescent lamps and halogen lamps	1500 W	– with centre plate Ø 58 mm
Conventional transformers	1500 VA	– with screw-in lift terminals
Inductive load at $\cos \phi = 0.6$	max. 6 A	
Electronic transformers	1500 W	
Fluorescent lamps:		
- in Duo circuit	1500 W	
Compact fluorescent lamps	500 W	
Delay time incrementally adjustable	0, 15, 30, 60 s	
Card width	max. 55 mm	
Card thickness	0.8 ... 1.2 mm	
Operating temperature	-5 ... +50 °C	
Screw terminals (max.)	2 x 2.5 mm ²	
Installation depth	32 mm	

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527

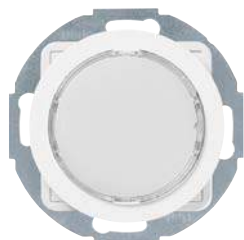
Not suitable for installation in surface-mounted housing.

NOTE:

When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

Design	Order no.	PU
serie 1930 R.classic		
black glossy	1640 20 79	1
polar white glossy	1640 20 35	1

Signalisation of hotel room status



LED signal light, red/green lighting

▶ 875

Rated voltage	230 V~	– switchable between red and green via separate switches
Frequency	50/60 Hz	– two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied
Power consumption	at 230 V~, 50 Hz - per colour max. 0.5 W	– for signalling of e.g. access control
Conductor cross-section	2.5 mm ²	
Quantity LED lamps	4	
Ambient temperature	-5 ... +40 °C	

Suitable for	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	527
optional		
Foil bi-colour for round LED signal light		page 65

NOTE:

When integrating this product into the serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used.
Installation in multiple combinations of the serie 1930 is not possible!

For installation in standard wall boxes according to DIN 49073-1

Design	Order no.	PU
serie 1930 R.classic		
polar white glossy	2952 20 89	1
black glossy	2952 20 45	1



serie 1930

Frames

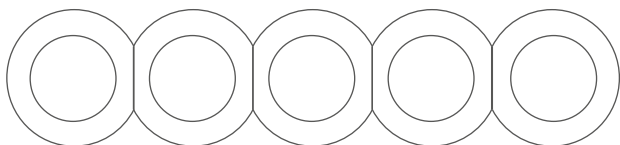
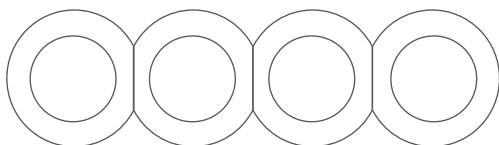
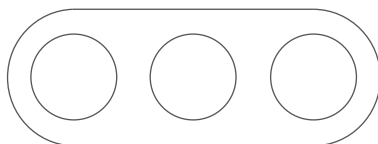
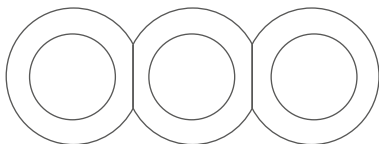
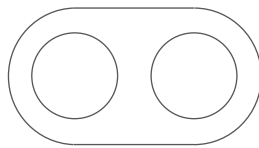
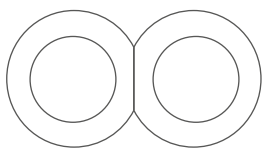
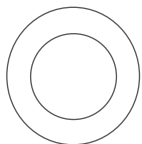
Consistently inspired by classic switches: Berker serie 1930 features round frames. The shape and the glossy polar white or black plastic afford the switch range a traditional appearance inspired by Bauhaus. Those looking for retro design at its finest can opt for rotary switches made from white or black porcelain. Here it is not just the frames, but also the centre plates and rotary toggles that are “made by Rosenthal” – porcelain from a traditional manufacturer.



serie 1930 Frames	526
Surface-mounted frames	527
Supplementary products	527

serie 1930

Product examples



Dimensions

Frame 1gang
Ø 80 mm, 1gang

Frames 2-5gang
W 151 x H 80 mm, 2gang
W 222 x H 80 mm, 3gang
W 293 x H 80 mm, 4gang
W 364 x H 80 mm, 5gang





Frames

Plastic, glossy

polar white
black

similar to RAL 9010
similar to RAL 8022

Porcelain, glossy

polar white
black

similar to RAL 9010
similar to RAL 8022

Central inserts

Plastic, glossy

polar white
black

similar to RAL 9010
similar to RAL 8022

Rosen  *thal*



DESIGN PLUS

Porcelain frames



Frame 1 gang

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).
For integration of additional functions (e.g. socket outlet, rotary dimmer), the porcelain frame can be combined with all serie 1930 centre inserts made of plastic.

- for single mounting
- of porcelain

▶ 947

Design	Order no.	Page
Porcelain, polar white glossy	1381 69	1
Porcelain, black glossy	1381 65	1

Suitable for optional	Order no.	Page
Spacer gland	1887	517

Frames

– due to the diameter of the cover frame, the universal flush-mounted boxes must be placed precisely.



Frame 1 gang

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- for single mounting

▶ 947

Design	Order no.	Page
polar white glossy	1381 09	10
black glossy	1381 01	10

Suitable for optional	Order no.	Page
Spacer gland	1887	517



Centre frame

Combinations are only to be installed in simple combi boxes.

- for combination mounting

▶ 947

Design	Order no.	Page
polar white glossy	1381 59	10
black glossy	1381 51	10



End frame

Combinations are only to be installed in simple combi boxes.

- for combination mounting

▶ 947

Design	Order no.	Page
polar white glossy	1381 49	10
black glossy	1381 41	10



Frame 2 gang

- for vertical and horizontal mounting

▶ 947

Design	Order no.	Page
polar white glossy	1381 29	2
black glossy	1381 21	2



Frame 3 gang

- for vertical and horizontal mounting

▶ 947

Design	Order no.	Page
polar white glossy	1381 39	2
black glossy	1381 31	2



Frame, 1gang, for centre plate Ø 58 mm

▶ 947

Caution:
These frames are designed for integrating devices with a round, Ø 58 mm centre plate into the serie 1930.

Note:
If several devices are to be mounted one below the other or next to each other, always use the spacer gland - order number 1887 - when plastering the wall boxes. Each device must be installed separately into a frame 1gang for centre plate Ø 58 mm.

– for centre plate with Ø 58 mm cut-out

Suitable for	Order no.	Page
Electronics platform - light control		page 487
Electronics platform - motion detectors		page 494
blind control		page 500
Thermostats		page 504
Pilot lamps		page 515
SCHUKO socket outlet with hinged cover	4744 20 ..	432
SCHUKO socket outlet with LED orientation light	4109 20 ..	431
Centre plate for aerial socket 4hole (Ankaro)	1484 20 ..	444
Relay switch with centre plate for hotel card	1640 20 ..	520
Cover for KNX motion detector module	8096 04 6 ..	519
Push-button 1gang	8016 18 6 ..	518
Push-button 2gang	8016 28 6 ..	518
optional		
Spacer gland	1887	517
Design	Order no.	PU
polar white glossy	1382 09	10
black glossy	1382 01	10

Surface-mounted frames



Frame 1gang surface-mounted

Installation depth 33.5 mm – with cable and duct entry

Suitable for	Order no.	Page
optional		
Supplementary products		page 527
Base plate 1gang, self-extinguishing	1331 1 ..	527
Design	Order no.	PU
polar white glossy	1001 09	10
black glossy	1001 01	10



Base plate 1gang, self-extinguishing

– with imprint
– for mounting on combustible base surface

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1001 0 ..	527
Design	Order no.	PU
polar white	1331 19	10
black	1331 11	10

Supplementary products



Connector for multiple combinations surface-mounted

Also suitable for units of the surface-mounted programme.

– to combine surface-mounted devices

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1001 0 ..	527
Design	Order no.	PU
polar white	1823 09	10
black	1823 05	10



Wire and duct entry

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

– for wire or 15 x 15 mm cable duct

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1031 60 8 ..	293
	1001 0 ..	527
Design	Order no.	PU
polar white	1813 09	10
black	1813 05	10



Tube entry

Distance from wall to centre of pipe 16 mm – for tubes with coupling dia. 20.5 mm (PG 13.5) and M 20
 – for tubes with Ø 15.2 mm (PG 9) and M 16

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

Suitable tubes for surface-mounted installation can be purchased at www.fraenkische-elektro.de.

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1031 60 8 .. 1001 0 ..	293 527
Design	Order no.	PU
polar white	1817 09	10
black	1817 05	10

serie glas Frames

Round frames made from glass stand for tradition. For elegance. For simple yet compelling design which fits harmoniously into both older buildings and modern living spaces. In the serie glas range, the switch bases are made from real clear glass. An alternative is the clear-glass version which is painted polar white on the rear side. With polar-white and black central inserts or rotary toggles made from brass and chrome, an appearance is created which is the exact opposite of mundane.

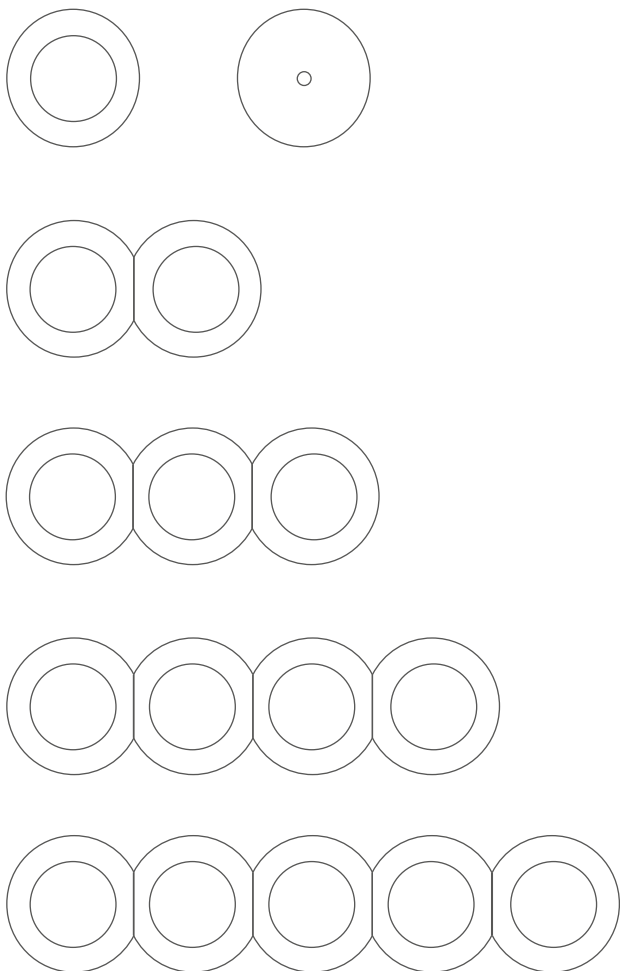


glass Frames

534

serie glas

Product examples



Dimensions

Frame 1gang
Ø 80 mm, 1gang

Frames 2-5gang
W 151 x H 80 mm, 2gang
W 222 x H 80 mm, 3gang
W 293 x H 80 mm, 4gang
W 364 x H 80 mm, 5gang





Frames/ Cover plates

glass, clear

Central inserts

Plastic, glossy

polar white
black

similar to RAL 9010
similar to RAL 8022



Frames

– due to the diameter of the cover frame, the universal flush-mounted boxes must be placed precisely.



Glass frame 1gang

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Special variant for hollow-wall mounting available on request.

Design
clear glossy
glass polar white

- for single mounting
- toughened glass
- with polar white plastic base

Suitable for optional
Spacer gland

Order no.
1887

▶ 947

Page
517
PU
10
10



Glass centre frame

Combinations are only to be installed in simple combi boxes.

Special variant for hollow-wall mounting available on request.

Design
clear glossy
glass polar white

- for combination mounting
- toughened glass
- with polar white plastic base

Order no.
1093 00
1093 09

▶ 947

PU
10
10



Glass end frame

Combinations are only to be installed in simple combi boxes.

Special variant for hollow-wall mounting available on request.

Design
clear glossy
glass polar white

- for combination mounting
- toughened glass
- with polar white plastic base

Order no.
1092 00
1092 19

▶ 947

PU
10
10



Glass frame 2gang

Special variant for hollow-wall mounting available on request.

Design
clear glossy
Glass polar white

- for vertical and horizontal mounting
- toughened glass
- with polar white plastic base

Order no.
1102
1102 09

▶ 947

PU
2
2

serie R.classic Frames

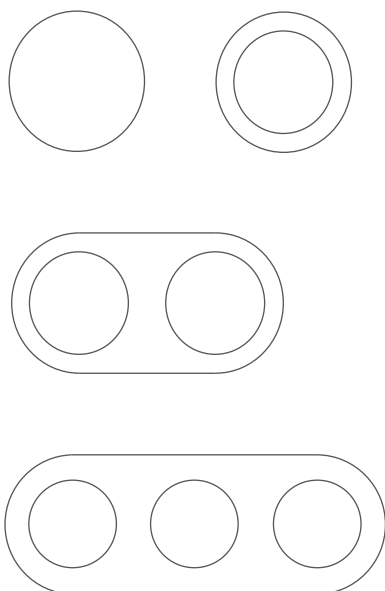
Plastic? Glass? Aluminium? Stainless steel? Or maybe no frame at all? This is now possible with R.classic – the frameless rotary switches are an innovation. Fundamentally, though, the round frames are much too elegant to do without. The matt-finish stainless steel, the natural anodised aluminium and the polar-white or black glass/plastic frames underscore the unique character of the R.classic range: back to the future – the most forward-thinking traditional design can get!



serie R.classic Frames	540
Surface-mounted frames	541

serie R.classic

Product examples



Dimensions

Frame 1gang
Ø 80.7 mm, 1gang

Frames 2-5gang horizontal
W 151.7 x H 80.7 mm, 2gang
W 222.7 x H 80.7 mm, 3gang

Frames 2-5gang vertical
H 151.7 x W 80.7 mm, 2gang
H 222.7 x W 80.7 mm, 3gang





Frames

Plastic, glossy

polar white
black

similar to RAL 9010
similar to RAL 9005

Glass

polar white
black

similar to RAL 9010
similar to RAL 9005

Metal

Aluminium, natural anodised
Stainless steel, mat

Covers / Central inserts

Plastic, glossy

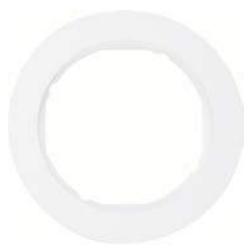
polar white
black

similar to RAL 9010
similar to RAL 9005



Frames

– for vertical and horizontal mounting



Frame

▶ 947

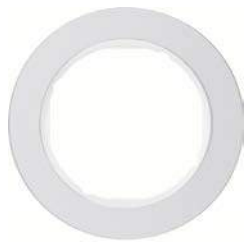
Design	Order no.	PU
polar white glossy, 1gang	1011 20 89	10
polar white glossy, 2gang	1012 20 89	2
polar white glossy, 3gang	1013 20 89	2



Frame

▶ 947

Design	Order no.	PU
black glossy, 1gang	1011 20 45	10
black glossy, 2gang	1012 20 45	2
black glossy, 3gang	1013 20 45	2



Frame

▶ 947

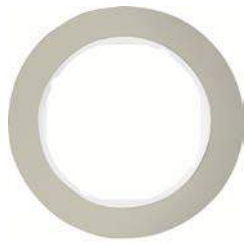
Design	Order no.	PU
aluminium/polar white, luminium anodised, 1gang	1011 20 74	10
aluminium/polar white, luminium anodised, 2gang	1012 20 74	10
aluminium/polar white, luminium anodised, 3gang	1013 20 74	10



Frame

▶ 947

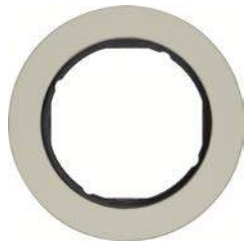
Design	Order no.	PU
aluminium/black, aluminium anodised, 1gang	1011 20 84	10
aluminium/black, aluminium anodised, 2gang	1012 20 84	10
aluminium/black, aluminium anodised, 3gang	1013 20 84	10



Frame

▶ 947

Design	Order no.	PU
stainless steel/polar white, metal matt finish, 1gang	1011 20 14	10
stainless steel/polar white, metal matt finish, 2gang	1012 20 14	10
stainless steel/polar white, metal matt finish, 3gang	1013 20 14	10



Frame

▶ 947

Design	Order no.	PU
stainless steel/black, metal matt finish, 1gang	1011 20 04	10
stainless steel/black, metal matt finish, 2gang	1012 20 04	10
stainless steel/black, metal matt finish, 3gang	1013 20 04	10



Frame

▶ 947

Design	Order no.	PU
glass polar white, 1gang	1011 20 09	10
glass polar white, 2gang	1012 20 09	5
glass polar white, 3gang	1013 20 09	5



Frame

▶ 947

Design	Order no.	PU
glass black, 1gang	1011 20 16	10
glass black, 2gang	1012 20 16	5
glass black, 3gang	1013 20 16	5

Surface-mounted frames



Frame 1gang surface-mounted

Installation depth 33.5 mm – with cable and duct entry

Suitable for optional	Order no.	Page
Supplementary products		page 527
Base plate 1gang, self-extinguishing		page 541

Design	Order no.	PU
polar white glossy	1001 09	10
black glossy	1001 01	10



Base plate 1gang, self-extinguishing

- with imprint
- for mounting on combustible base surface

Suitable for	Order no.	Page
Frame 1gang surface-mounted		page 541

Design	Order no.	PU
polar white	1331 19	10
black	1331 11	10

Berker TS

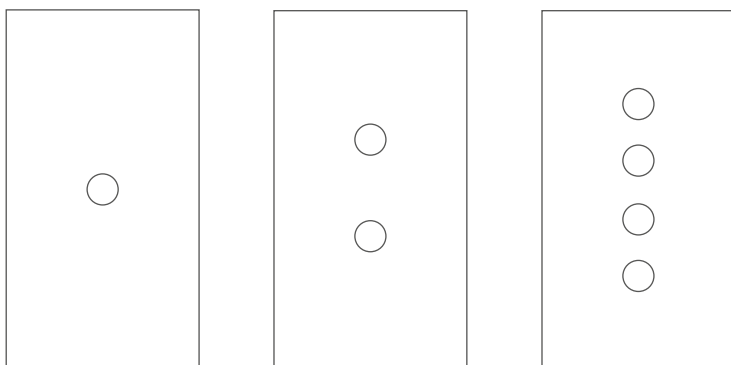
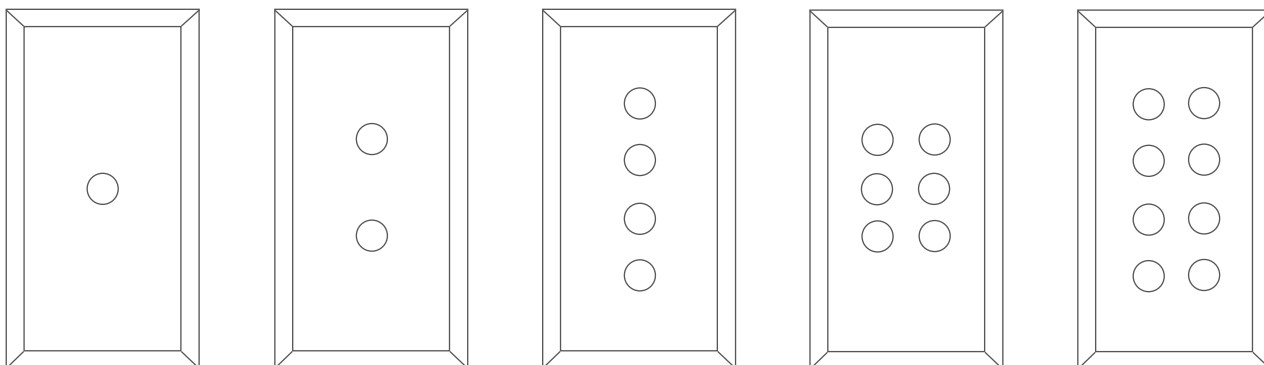
High-quality glass meets the latest technology: The push-buttons of the Berker TS allow you to operate not only light sources, but also building control systems – you are connected to a wireless bus or KNX installations via interfaces. On the TS Crystal, SWAROVSKI ELEMENTS give the push-buttons a glamorous character.



Covers	546
Supplementary products	547

TS

Product examples



Dimensions

W 86 x H 160 mm





Surfaces

Glass glossy, imprint on the back
 polar white similar to RAL 9010

Push-button

Metal, brass, galvanised
 chrome glossy
 gold, 24-carat, glossy
 stainless steel, nickel matt brushed

Decor plate

TS Crystal Ball
 Glass, mirrored

Sensor surface TS Crystal Ball
 Glass, mirrored (Swarovski Circle)



Covers



Glass cover plate

Dimensions (W x H x D)
Screw length

86 x 160 x 5 mm
25 mm

- glass with polar white imprint on the backside
- with polar white plastic base
- each with 2 M3.5 x 25 mm two-hole screws in chrome, gold and stainless steel for dismantling protection
- with screwdriver
- for vertical and horizontal mounting

▶ 945

Suitable for	Order no.	Page
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
Wall box	1809	549
Wall box for installation in hollow walls	1824	549
optional		
Two-hole screws 2 x M3.5 x 50 mm	1895 1 ..	550

Design	Order no.	PU
clear glossy, 1gang	1391	1
clear glossy, 2gang	1392	1
clear glossy, 4gang	1394	1



Glass cover plate with facet

Dimensions (W x H x D)
Screw length

86 x 160 x 5 mm
25 mm

- with all-round facet
- with polar white plastic base
- each with 2 M3.5 x 25 mm two-hole screws in chrome, gold and stainless steel for dismantling protection
- with screwdriver
- for vertical and horizontal mounting

▶ 945

Suitable for	Order no.	Page
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
Wall box	1809	549
Wall box for installation in hollow walls	1824	549
optional		
Two-hole screws 2 x M3.5 x 50 mm	1895 1 ..	550

Design	Order no.	PU
clear glossy, 1gang	1311	1
clear glossy, 2gang	1321	1
clear glossy, 4gang	1341	1
clear glossy, 6gang	1366	1
clear glossy, 8gang	1388	1



Push-button, NO contact

Rated voltage 24 V
Momentary-contact current 1.5 A
Operating temperature -20 ... +60 °C
Installation depth 13 mm

- brass, refined
- with plug-in terminals

▶ 945

Suitable for	Order no.	Page
optional		
Universal interfaces		page 547
Binary inputs		page 549

For connection via system interfaces to KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Design	Order no.	PU
chrome glossy, brass galvanised	1811 10	10
gold glossy, 24-carat galvanised	1811 12	10
stainless steel matt, brushed nickel	1811 13	10



Berker TS Crystal



Push-button Crystal

Rated voltage	24 V	– NO contact
Momentary-contact current	1.5 A	– brass, refined
Operating temperature	-20 ... +60 °C	– with SWAROVSKI ELEMENTS
Installation depth	13 mm	– with plug-in terminals

For connection via system interfaces to KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Suitable for optional
Universal interfaces
Binary inputs

Order no. **Page**
page 547
page 549

▶ 945



Design	Order no.	PU
chrome glossy	1964 00 01	1



Push-button Black Diamond

Rated voltage	24 V	– NO contact
Momentary-contact current	1.5 A	– brass, refined
Operating temperature	-20 ... +60 °C	– with SWAROVSKI ELEMENTS
Installation depth	13 mm	– with plug-in terminals

For connection via system interfaces to KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Suitable for optional
Universal interfaces
Binary inputs

Order no. **Page**
page 547
page 549

▶ 945



Design	Order no.	PU
stainless steel matt	1966 02 15	1



Push-button Topaz

Rated voltage	24 V	– NO contact
Momentary-contact current	1.5 A	– brass, refined
Operating temperature	-20 ... +60 °C	– with SWAROVSKI ELEMENTS
Installation depth	13 mm	– with plug-in terminals

For connection via system interfaces to KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Suitable for optional
Universal interfaces
Binary inputs

Order no. **Page**
page 547
page 549

▶ 945



Design	Order no.	PU
gold glossy	1965 02 03	1

Supplementary products

Universal interfaces

- for the connection of switches, push-buttons, detectors, sensors, key switches and bolt switch contacts to KNX
- with programming button and red programming LED
- with integrated bus coupling unit
- bus connection via connecting terminal



Universal interface 2gang flush-mounted

Operating voltage over bus	21 ... 32 V=	– with 2 independent binary inputs for potential-free contacts
Input scanning voltage	per channel 5 V	– switching functions, dimming functions, blind control functions functions, forced control functions, scene functions, heating functions and timer functions
Operating temperature	+0 ... +45 °C	– ETS additional functions: value transmitter 1 and 2 bytes, 2-channel mode
Line length	max. 5 m	– for flush mounting and hollow-wall mounting
Dimensions (L x W x H)	38 x 35 x 12 mm	

For connection of potential-free contacts, e.g. switches, push-buttons, window contacts, detector contacts or thermostats, for communication into KNX bus system.

Suitable for
Berker TS Crystal
Push-button, NO contact
optional
KNX Configuration server easy link RMD

Order no. **Page**
1811 1 .. 546
8001 00 00 774

Design	Order no.	PU
light grey	7564 20 02	1





Universal interface 4gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Operating temperature	+0 ... +45 °C
Line length	max. 5 m
Dimensions (L x W x H)	38 x 35 x 12 mm

For connection of potential-free contacts, e.g. switches, push-buttons, window contacts, detector contacts or thermostats, for communication into KNX bus system.

- with 4 independent binary inputs for potential-free contacts
- switching functions, dimming functions, blind control functions functions, forced control functions, scene functions, heating functions and timer functions
- ETS additional functions: value transmitter 1 and 2 bytes, 2-channel mode
- for flush mounting and hollow-wall mounting

Suitable for	Order no.	Page
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
optional		
KNX Configuration server easy link RMD	8001 00 00	774

Design	Order no.	PU
light grey	7564 40 02	1



Universal interface 8gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 20 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	max. 10 m
Dimensions (W x H x D)	44 x 48 x 32 mm

For connection of potential-free contacts, e.g. switches, push-buttons, window contacts, detector contacts or thermostats, for communication into KNX bus system.

- for switch, push-button, dimmer and shutter functions
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing and dimming
- blind operating concepts short-long-short and long-short parameterisable
- second operating level by object or 3-button handle (only 8-input application)
- 8 binary inputs, 8 outputs or 4 binary inputs and 4 outputs parameterisable
- with 8 independent binary inputs for potential-free contacts
- extension unit for light scene push-button
- outputs for LEDs, e.g. as status LED
- objects: switching, forced guidance, feedback of respective output (only for application 4 inputs/4 outputs)
- dimming / position value transmitter 1 byte
- short-circuit and overload proof (electronic fuse)
- protected against polarity reversal
- with screw terminals

Suitable for	Order no.	Page
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546

Design	Order no.	PU
black	7564 80 01	1

Binary inputs



KNX radio binary input 2gang flush-mounted

▶ 896

Input scanning voltage	per channel 12 V=	– quicklink functions: switching, dimming, blind, 2 scenes, switching time, NO contact push-button, priority, up/down push-button
Radio transmission/reception frequency	868.3 MHz	– reset function (to factory setting)
Radio transmission frequency	868.3 MHz	– toolless quicklink configuration using buttons and LED display
Number of radio channels	2	– low intrinsic energy requirement
Radio protocol	KNX Radio	– with manual operation on/off
Radio transmission power	< 10 mW	– with configuration button
Radio transmission range (free field)	max. 100 m	– with configuration LED
Radio transmission range (building)	max. 30 m	– activation, for example through switches, push-buttons, timers, blind timer switches, magnetic contact
Number of quicklink links	max. 20 transmitter/receiver	– easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
Pulse time	min. 50 ms	– ETS additional functions: +62 scenes, operating mode, 3 x alarm, priority, status display, automatic
Battery service life [years]	≈ 3	– integration in the KNX TP system using KNX radio media coupler
Operating temperature	-10 ... +50 °C	– with screw-in lift terminals
Binary cable length, extendable to	max. 10 m	– confectioned, with 4-core cable
Line length	11 cm	– for installation behind flush-mounted inserts
Output current per channel	max. 1 mA	
Transmitter duty cycle	1 %	
Receiver category	2	
Dimensions (W x H x D)	41 x 40 x 11 mm	

Suitable for	Order no.	Page
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546

- EN 300220-2
- EN 301489-3
- EN 50428
- EN 50491-3
- EN 60669-2-1



Design	Order no.	PU
light grey	8587 62 10	1



KNX binary input 6gang RMD 24 ... 230 V AC/DC

Operating voltage over bus	21 ... 32 V=	– manual operation can be activated via selection switch
Signal voltage	potential-free, 24 ... 230 V~/=	– manual operation per channel via button with integrated status LED, thereby lockout of KNX function
Operating temperature	+0 ... +45 °C	– with programming button and red programming LED
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²	– with 6 red status LEDs for display of input states
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²	– suitable for different external conductors
Input cable length	max. 100 m	– with 6 independent binary inputs with separate neutral conductor
Dimensions (W x H x D)	105 x 90 x 65 mm	– switching functions, dimming functions, blind control functions, forced control functions, scene functions, heating functions and timer functions
Width of rail mounted device (RMD)	6 modules	– ETS additional functions: value transmitter 1 and 2 bytes, 2-channel mode
Current consumption KNX	max. 7 mA	– with integrated bus coupling unit
For connection of potential-free or 24 ... 230 V AC/DC power supplied contacts for communication into KNX bus system.		
– bus connection via connecting terminal		
– with QuickConnect plug-in terminals		

Design	Order no.	PU
light grey, 6gang	7521 60 02	1

Accessories



Wall box

▶ 945

– plastic		
Suitable for	Order no.	Page
Glass cover plate		page 546
Glass cover plate with facet		page 546

Design	Order no.	PU
Wall box	1809	50
Wall box for installation in hollow walls	1824	50



Two-hole screws 2 x M3.5 x 50 mm

- brass, refined
- 2 pieces for fixing in deeper seated boxes

Design	Order no.	PU
chrome glossy, brass galvanised	1895 10	1
gold glossy, 24-carat galvanised	1895 12	1
stainless steel matt, brushed nickel	1895 13	1

B.IQ

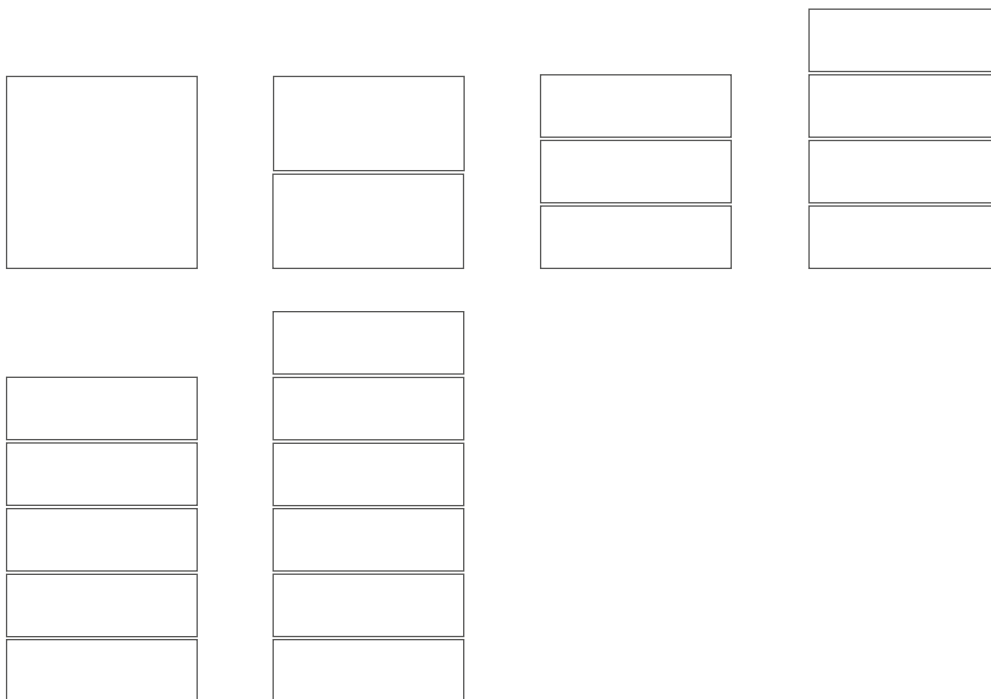
Looking good, offering clarity and at the cutting edge of technology. The Berker B.IQ is a frameless push-button sensor with rockers. It is used to control the functions of the KNX intelligent building management system. Take advantage of the opportunity to control the most varied of building functions – lighting, heating and blinds, for example – from a single multi-function push-button sensor. As well as offering absolute clarity, the sensor also makes an architectural statement. With surface finishes in plastic, glass, aluminium or stainless steel, the Berker B.IQ is a perfect match for the frame varieties in the Berker B.7 range.



Push-buttons	556
Push-buttons with thermostat	560
IR push-buttons with thermostat	562
Labelling fields	563

B.IQ

Product examples



Dimensions

- W 88.5 x H 88.5 mm, 1gang
- W 88.5 x H 88.5 mm, 2gang
- W 88.5 x H 88.5 mm, 3gang
- W 88.5 x H 118.1 mm, 3gang + RTR
- W 88.5 x H 118.1 mm, 4gang
- W 88.5 x H 149.2 mm, 4gang + RTR
- W 88.5 x H 178.8 mm, 5gang + RTR





Surfaces

Plastic polar white
similar to RAL 9010

Glass glossy, printed on the back
polar white similar to RAL 9010
black similar to RAL 9005

Metal

Aluminium
Stainless steel



Push-buttons

- for switch, push-button, dimmer and shutter functions
- with 2 white status LEDs per rocker (labelling field illumination)
- with blue operation LED
- for installation in single standard wall boxes
- with dismantling protection
- for detailed information, in particular on the software functions, refer to the chapter "KNX operating systems"

Push-buttons comfort



B.IQ push-button comfort

▶ 946

- Operating temperature -5 ... +45 °C
- single and two push-button operation parameterisable
 - one push-button operation for switching, pushing, shutters and dimming
 - activation of second user level via object
 - extension unit for light scene push-button
 - for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
 - for plastic frames in the same "style" for additional applications, see the Design line B.7

Design	Order no.	PU
polar white matt, 1gang ¹⁾	7516 15 99	1
polar white matt, 2gang ¹⁾	7516 25 99	1
polar white matt, 3gang ¹⁾	7516 35 99	1
polar white matt, 4gang ²⁾	7516 45 99	1

¹⁾ Dimensions (W x H): 88.5 x 88.5 mm
²⁾ Dimensions (W x H): 88.5 x 118.1 mm

Suitable for
Bus coupling unit flush-mounted
optional
Labelling fields

Order no.
7504 00 01

Page
784

page 563



B.IQ push-button comfort

▶ 946

- Operating temperature -5 ... +45 °C
- Assembling height - metal, glass version 16.7 mm
- single and two push-button operation parameterisable
 - one push-button operation for switching, pushing, shutters and dimming
 - activation of second user level via object
 - extension unit for light scene push-button
 - for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
 - for aluminium frames in the same "style" for additional applications, see the Design line B.7

Design	Order no.	PU
aluminium, aluminium anodised, 1gang ¹⁾	7516 15 94	1
aluminium, aluminium anodised, 2gang ¹⁾	7516 25 94	1
aluminium, aluminium anodised, 3gang ¹⁾	7516 35 94	1
aluminium, aluminium anodised, 4gang ²⁾	7516 45 94	1

¹⁾ Dimensions (W x H): 88.5 x 88.5 mm
²⁾ Dimensions (W x H): 88.5 x 118.1 mm

Suitable for
Bus coupling unit flush-mounted
optional
Labelling fields

Order no.
7504 00 01

Page
784

page 563



B.IQ push-button comfort

▶ 946

Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for stainless steel frames in the same "style" for additional applications, see the Design line B.7

Suitable for
Bus coupling unit flush-mounted 7504 00 01 Page 784
optional
Labelling fields page 563

Design	Order no.	PU
stainless steel, metal brushed, 1gang ¹⁾	7516 15 93	1
stainless steel, metal brushed, 2gang ¹⁾	7516 25 93	1
stainless steel, metal brushed, 3gang ¹⁾	7516 35 93	1
stainless steel, metal brushed, 4gang ²⁾	7516 45 93	1

¹⁾ Dimensions (W x H): 88.5 x 88.5 mm
²⁾ Dimensions (W x H): 88.5 x 118.1 mm



B.IQ push-button comfort

▶ 946

Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Suitable for
Bus coupling unit flush-mounted 7504 00 01 Page 784
optional
Labelling fields page 563

Design	Order no.	PU
glass polar white, 1gang ¹⁾	7516 15 90	1
glass polar white, 2gang ¹⁾	7516 25 90	1
glass polar white, 3gang ¹⁾	7516 35 90	1
glass polar white, 4gang ²⁾	7516 45 90	1

¹⁾ Dimensions (W x H): 88.5 x 88.5 mm
²⁾ Dimensions (W x H): 88.5 x 118.1 mm



B.IQ push-button comfort

▶ 946

Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Suitable for
Bus coupling unit flush-mounted 7504 00 01 Page 784
optional
Labelling fields page 563

Design	Order no.	PU
glass black, 1gang ¹⁾	7516 15 92	1
glass black, 2gang ¹⁾	7516 25 92	1
glass black, 3gang ¹⁾	7516 35 92	1
glass black, 4gang ²⁾	7516 45 92	1

¹⁾ Dimensions (W x H): 88.5 x 88.5 mm
²⁾ Dimensions (W x H): 88.5 x 118.1 mm

Push-buttons



B.IQ push-button

Operating temperature

-5 ... +45 °C

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for plastic frames in the same "style" for additional applications, see the Design line B.7

▶ 946

Design

Design	Order no.	PU
polar white matt, 1gang ¹⁾	7516 10 99	1
polar white matt, 2gang ¹⁾	7516 20 99	1
polar white matt, 3gang ¹⁾	7516 30 99	1
polar white matt, 4gang ²⁾	7516 40 99	1

¹⁾ Dimensions (W x H): 88.5 x 88.5 mm
²⁾ Dimensions (W x H): 88.5 x 118.1 mm

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	784
optional		
Labelling fields		page 563



B.IQ push-button

Operating temperature

-5 ... +45 °C

Assembling height - metal, glass version

16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for aluminium frames in the same "style" for additional applications, see the Design line B.7

▶ 946

Design

Design	Order no.	PU
aluminium, aluminium anodised, 1gang ¹⁾	7516 10 94	1
aluminium, aluminium anodised, 2gang ¹⁾	7516 20 94	1
aluminium, aluminium anodised, 3gang ¹⁾	7516 30 94	1
aluminium, aluminium anodised, 4gang ²⁾	7516 40 94	1

¹⁾ Dimensions (W x H): 88.5 x 88.5 mm
²⁾ Dimensions (W x H): 88.5 x 118.1 mm

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	784
optional		
Labelling fields		page 563



B.IQ push-button

Operating temperature

-5 ... +45 °C

Assembling height - metal, glass version

16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for stainless steel frames in the same "style" for additional applications, see the Design line B.7

▶ 946

Design

Design	Order no.	PU
stainless steel, metal brushed, 1gang ¹⁾	7516 10 93	1
stainless steel, metal brushed, 2gang ¹⁾	7516 20 93	1
stainless steel, metal brushed, 3gang ¹⁾	7516 30 93	1
stainless steel, metal brushed, 4gang ²⁾	7516 40 93	1

¹⁾ Dimensions (W x H): 88.5 x 88.5 mm
²⁾ Dimensions (W x H): 88.5 x 118.1 mm

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	784
optional		
Labelling fields		page 563



B.IQ push-button

▶ 946

Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	784
optional		
Labelling fields		page 563

Design	Order no.	PU
glass polar white, 1gang ¹⁾	7516 10 90	1
glass polar white, 2gang ¹⁾	7516 20 90	1
glass polar white, 3gang ¹⁾	7516 30 90	1
glass polar white, 4gang ²⁾	7516 40 90	1

¹⁾ Dimensions (W x H): 88.5 x 88.5 mm
²⁾ Dimensions (W x H): 88.5 x 118.1 mm



B.IQ push-button

▶ 946

Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	784
optional		
Labelling fields		page 563

Design	Order no.	PU
glass black, 1gang ¹⁾	7516 10 92	1
glass black, 2gang ¹⁾	7516 20 92	1
glass black, 3gang ¹⁾	7516 30 92	1
glass black, 4gang ²⁾	7516 40 92	1

¹⁾ Dimensions (W x H): 88.5 x 88.5 mm
²⁾ Dimensions (W x H): 88.5 x 118.1 mm

Push-buttons with thermostat

- for switch, push-button, dimmer, blind and thermostat functions
- single and two push-button operation parameterisable
- one push-button operation for switching, buttons, blinds and dimming
- extension unit for light scene push-button
- with 2 white status LEDs per rocker (labelling field illumination)
- with blue operation LED
- for individual single room temperature control
- for heating and/or cooling mode with/without auxiliary step
- operating modes: comfort, standby, night operation and frost/heat protection adjustable
- LC display with symbols and illumination, switchable via object
- with 2 additional function buttons for display control
- display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- provision of the internal temperature value via communication object
- for installation in single standard wall boxes
- with dismantling protection
- for detailed information, in particular on the software functions, refer to the chapter "KNX operating systems"



Push-button with thermostat

▶ 946

- display



Power consumption, KNX ≈ 150 mW
 Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for plastic frames in the same "style" for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 01	807
optional		
Labelling fields		page 563

Design	Order no.	PU
polar white matt, 3gang ¹⁾	7566 35 99	1
polar white matt, 4gang ²⁾	7566 45 99	1
polar white matt, 5gang ³⁾	7566 55 99	1

¹⁾ Dimensions (W x H): 88.5 x 119.6 mm
²⁾ Dimensions (W x H): 88.5 x 149.2 mm
³⁾ Dimensions (W x H): 88.5 x 178.8 mm



Push-button with thermostat

▶ 946

- display



Power consumption, KNX ≈ 150 mW
 Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C
 Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for aluminium frames in the same "style" for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 01	807
optional		
Labelling fields		page 563

Design	Order no.	PU
aluminium, aluminium anodised, 3gang ¹⁾	7566 35 94	1
aluminium, aluminium anodised, 4gang ²⁾	7566 45 94	1
aluminium, aluminium anodised, 5gang ³⁾	7566 55 94	1

¹⁾ Dimensions (W x H): 88.5 x 119.6 mm
²⁾ Dimensions (W x H): 88.5 x 149.2 mm
³⁾ Dimensions (W x H): 88.5 x 178.8 mm



Push-button with thermostat

▶ 946

- display



Power consumption, KNX ≈ 150 mW
 Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C
 Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for stainless steel frames in the same "style" for additional applications, see the Design line B.7

Design	Order no.	PU
stainless steel, metal brushed, 3gang ¹⁾	7566 35 93	1
stainless steel, metal brushed, 4gang ²⁾	7566 45 93	1
stainless steel, metal brushed, 5gang ³⁾	7566 55 93	1

Suitable for
 Flush-mounted bus coupling unit for B.IQ with thermostat 7504 00 01 **Order no.** 807

optional
 Labelling fields page 563

¹⁾ Dimensions (W x H): 88.5 x 119.6 mm
²⁾ Dimensions (W x H): 88.5 x 149.2 mm
³⁾ Dimensions (W x H): 88.5 x 178.8 mm



Push-button with thermostat

▶ 946

- display



Power consumption, KNX ≈ 150 mW
 Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C
 Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Design	Order no.	PU
glass polar white, 3gang ¹⁾	7566 35 90	1
glass polar white, 4gang ²⁾	7566 45 90	1
glass polar white, 5gang ³⁾	7566 55 90	1

Suitable for
 Flush-mounted bus coupling unit for B.IQ with thermostat 7504 00 01 **Order no.** 807

optional
 Labelling fields page 563

¹⁾ Dimensions (W x H): 88.5 x 119.6 mm
²⁾ Dimensions (W x H): 88.5 x 149.2 mm
³⁾ Dimensions (W x H): 88.5 x 178.8 mm



Push-button with thermostat

▶ 946

- display



Power consumption, KNX ≈ 150 mW
 Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C
 Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Design	Order no.	PU
glass black, 3gang ¹⁾	7566 35 92	1
glass black, 4gang ²⁾	7566 45 92	1
glass black, 5gang ³⁾	7566 55 92	1

Suitable for
 Flush-mounted bus coupling unit for B.IQ with thermostat 7504 00 01 **Order no.** 807

optional
 Labelling fields page 563

¹⁾ Dimensions (W x H): 88.5 x 119.6 mm
²⁾ Dimensions (W x H): 88.5 x 149.2 mm
³⁾ Dimensions (W x H): 88.5 x 178.8 mm

IR push-buttons with thermostat

- for switch, push-button, dimmer, blind and thermostat functions
- single and two push-button operation parameterisable
- one push-button operation for switching, buttons, blinds and dimming
- extension unit for light scene push-button
- with 2 white status LEDs per rocker (labelling field illumination)
- with blue operation LED
- for individual single room temperature control
- for heating and/or cooling mode with/without auxiliary step
- operating modes: comfort, standby, night operation and frost/heat protection adjustable
- LC display with symbols and illumination, switchable via object
- with 2 additional function buttons for display control
- display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- provision of the internal temperature value via communication object
- IR telegram with RC5 coding parameterisable per push-button
- for installation in single standard wall boxes
- with dismantling protection
- for detailed information, in particular on the software functions, refer to the chapter "KNX operating systems"



IR push-button with thermostat

▶ 946

- display



Power consumption, KNX	≈ 150 mW
Energy efficiency class	IV (2%)
Operating temperature	-5 ... +45 °C

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for plastic frames in the same "style" for additional applications, see the Design line B.7

Design	Order no.	Page
polar white matt, 3gang ¹⁾	7566 36 99	807
polar white matt, 4gang ²⁾	7566 46 99	809
polar white matt, 5gang ³⁾	7566 56 99	563

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 01	807
optional		
Labelling fields		page 563
Hand-held transmitter for B.IQ IR push-button	2779	809

¹⁾ Dimensions (W x H): 88.5 x 128.6 mm
²⁾ Dimensions (W x H): 88.5 x 158.2 mm
³⁾ Dimensions (W x H): 88.5 x 187.8 mm



IR push-button with thermostat

▶ 946

- display



Power consumption, KNX	≈ 150 mW
Energy efficiency class	IV (2%)
Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for aluminium frames in the same "style" for additional applications, see the Design line B.7

Design	Order no.	Page
aluminium, aluminium anodised, 3gang ¹⁾	7566 36 94	807
aluminium, aluminium anodised, 4gang ²⁾	7566 46 94	809
aluminium, aluminium anodised, 5gang ³⁾	7566 56 94	563

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 01	807
optional		
Labelling fields		page 563
Hand-held transmitter for B.IQ IR push-button	2779	809

¹⁾ Dimensions (W x H): 88.5 x 128.6 mm
²⁾ Dimensions (W x H): 88.5 x 158.2 mm
³⁾ Dimensions (W x H): 88.5 x 187.8 mm



IR push-button with thermostat

▶ 946

- display



Power consumption, KNX	≈ 150 mW
Energy efficiency class	IV (2%)
Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for stainless steel frames in the same "style" for additional applications, see the Design line B.7

Design	Order no.	Page
stainless steel, metal brushed, 3gang ¹⁾	7566 36 93	1
stainless steel, metal brushed, 4gang ²⁾	7566 46 93	1
stainless steel, metal brushed, 5gang ³⁾	7566 56 93	1

¹⁾ Dimensions (W x H): 88.5 x 128.6 mm
²⁾ Dimensions (W x H): 88.5 x 158.2 mm
³⁾ Dimensions (W x H): 88.5 x 187.8 mm

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 01	807
optional		
Labelling fields		page 563
Hand-held transmitter for B.IQ IR push-button	2779	809



IR push-button with thermostat

▶ 946

- display



Power consumption, KNX	≈ 150 mW
Energy efficiency class	IV (2%)
Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Design	Order no.	Page
glass polar white, 3gang ¹⁾	7566 36 90	1
glass polar white, 4gang ²⁾	7566 46 90	1
glass polar white, 5gang ³⁾	7566 56 90	1

¹⁾ Dimensions (W x H): 88.5 x 128.6 mm
²⁾ Dimensions (W x H): 88.5 x 158.2 mm
³⁾ Dimensions (W x H): 88.5 x 187.8 mm

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 01	807
optional		
Labelling fields		page 563
Hand-held transmitter for B.IQ IR push-button	2779	809



IR push-button with thermostat

▶ 946

- display



Power consumption, KNX	≈ 150 mW
Energy efficiency class	IV (2%)
Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

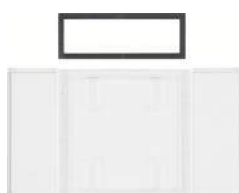
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Design	Order no.	Page
glass black, 3gang ¹⁾	7566 36 92	1
glass black, 4gang ²⁾	7566 46 92	1
glass black, 5gang ³⁾	7566 56 92	1

¹⁾ Dimensions (W x H): 88.5 x 128.6 mm
²⁾ Dimensions (W x H): 88.5 x 158.2 mm
³⁾ Dimensions (W x H): 88.5 x 187.8 mm

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 01	807
optional		
Labelling fields		page 563
Hand-held transmitter for B.IQ IR push-button	2779	809

Labelling fields







B.IQ labelling field for push-buttons 1 to 3gang

▶ 946

Dimensions (W x H x D)	151.6 x 85 x 5.7 mm	- can be illuminated by status LED
------------------------	---------------------	------------------------------------

Design	Order no.	Page
clear, transparent	7590 00 80	1

	B.IQ labelling field for push-buttons 4gang		 946
	Dimensions (W x H x D)	151.6 x 114.6 x 5.7 mm	– can be illuminated by status LED
	Design	Order no.	PU
	clear, transparent	7590 00 81	1

	B.IQ labelling field for push-buttons 5gang		 946
	Dimensions (W x H x D)	151.6 x 144.2 x 5.7 mm	– can be illuminated by status LED
	Design	Order no.	PU
	clear, transparent	7590 00 82	1

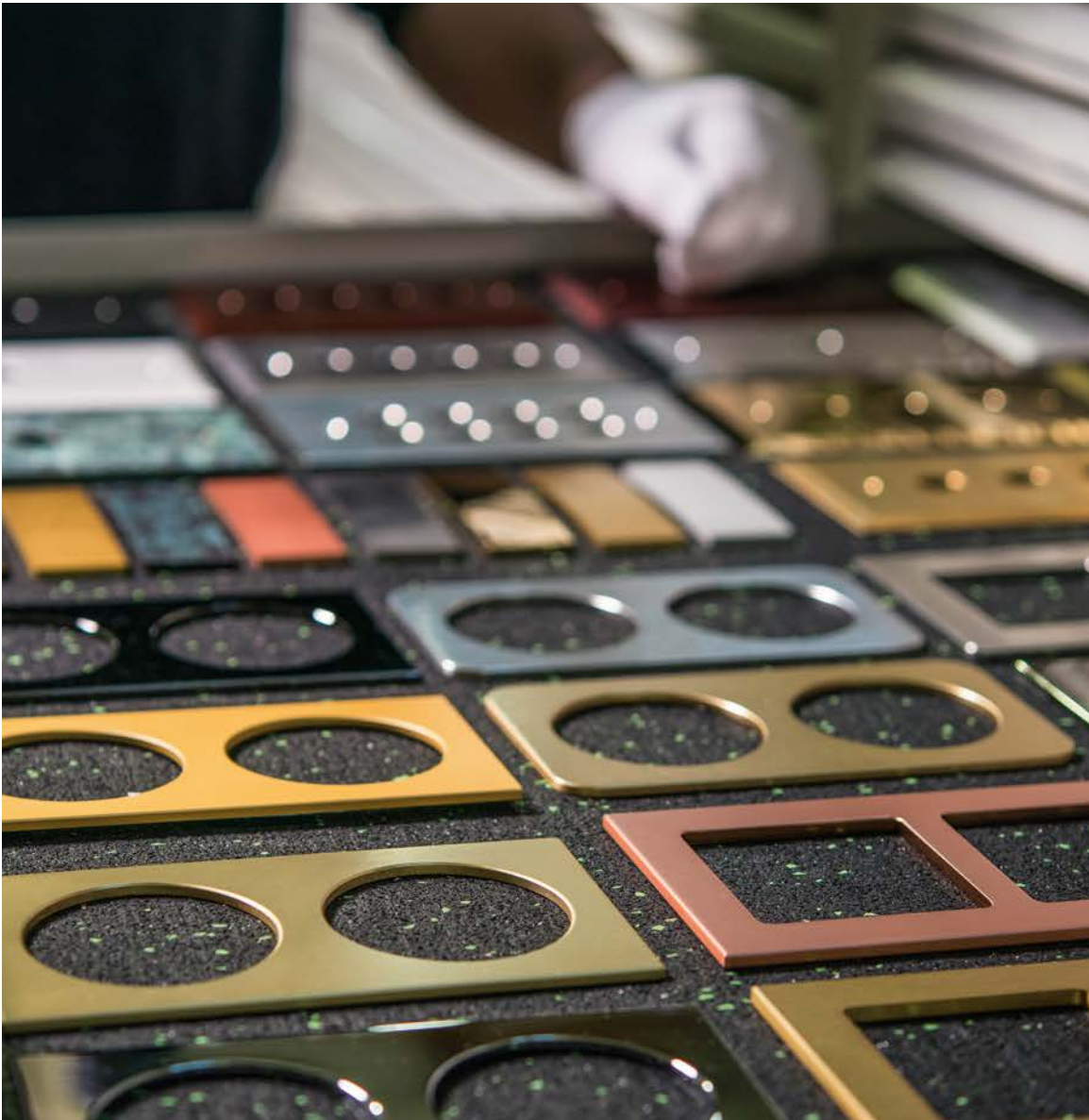
Manufaktur Switch ranges and building- automation

Yes, one-off items are still available. Unique items, manufactured individually by master craftsmen. The engraved gold light switch required by a sheik in the emirates. Or also a short run, manufactured specifically for and based on the idea of a customer for a wellness hotel: hay switches that are not only actually made from hay, but also have the scent of hay. They all have a home: the Manufaktur. Limits to phantasy are set only by the reality of technology. However extravagant and unique an item may be, it will meet our technical and quality standards fully and completely.

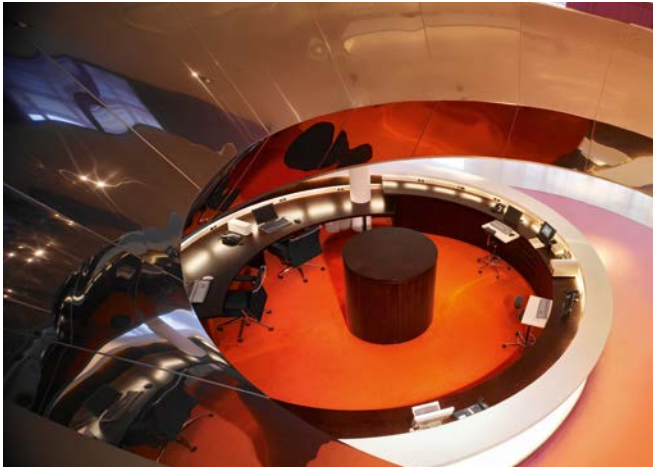


Beyond the standard: Manufaktur	568
Berker K.1	570
Berker Q.3	571
Berker R.1	573
Berker R.3	575
Berker Q.7	577
Berker TS Sensor	578
Berker B.IQ	579

Beyond the standard: Manufaktur



We have combined the ability, knowledge and experience of Hager, Berker and Elcom in the Manufaktur. This is where we manufacture and configure solutions to your very individual requirements. From custom-engineered trunking through one-of-a-kind switches to complete electrical solutions for residential and functional buildings. Everything comes from a single source.



01 Cable routing that makes its mark

There is hardly any customer request that we are unable to fulfil. After all, a wide range of colours, shapes and material choices is available. Even some that allow the wiring simply to disappear. In the wall, floor or ceiling.



02 Door communication – Details in decisive positions

This first thing a visitor see is the entryphone. Configure it exactly to meet your expectations. The modular system from Elcom makes it possible. Every element is manufactured with great care from high-quality materials. You see it and you sense it. As do your guests.



03 Preparatory work that simplifies your task

Wha's done, is done: When the time window on the construction site is tight, preparatory work that was already handled during manufacturing helps. Trunking cut to length, custom-assembled meter cabinets or media columns pre-wired to customer specifications: set up, connect, finished.



04 Design in an individual overall concept

Hager, Berker, Elcom – all three brands adhere to the same technical guidelines, purchase their raw materials together and follow the Design Guidelines of the Hager Group. With this as a basis, you can create entire installations that harmonise not only technically, but aesthetically as well.

Berker K.1

With its contoured, accentuated edged form, the Berker K.1 always sets its own accent. A central, modern classic in the Berker switch range that embodies quality and a sure sense of style.

The surprising variety of qualified paint types allows customisation of the Berker K.1 in terms of colour and feel. Both classic colour variants with the special "touch" and unexpected colour combinations fit perfectly into a timeless-classic interior.



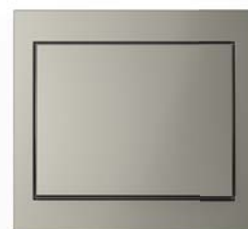
titanium grey



sanodal red



black softtouch



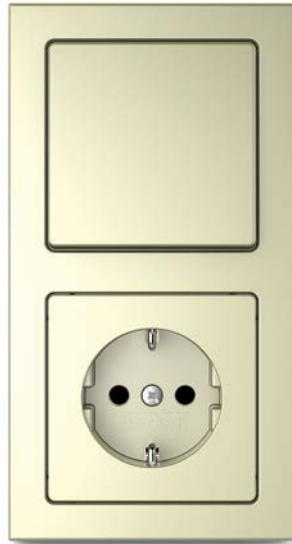
pearl mouse grey

Berker Q.3

Robust, distinct contours and an exceptionally pleasant surface. Its functional benefits are also worth noting: the Berker Q.3 is ideally suited for installation in wall ducts.



Special finish
Anodised gold tone



champagne

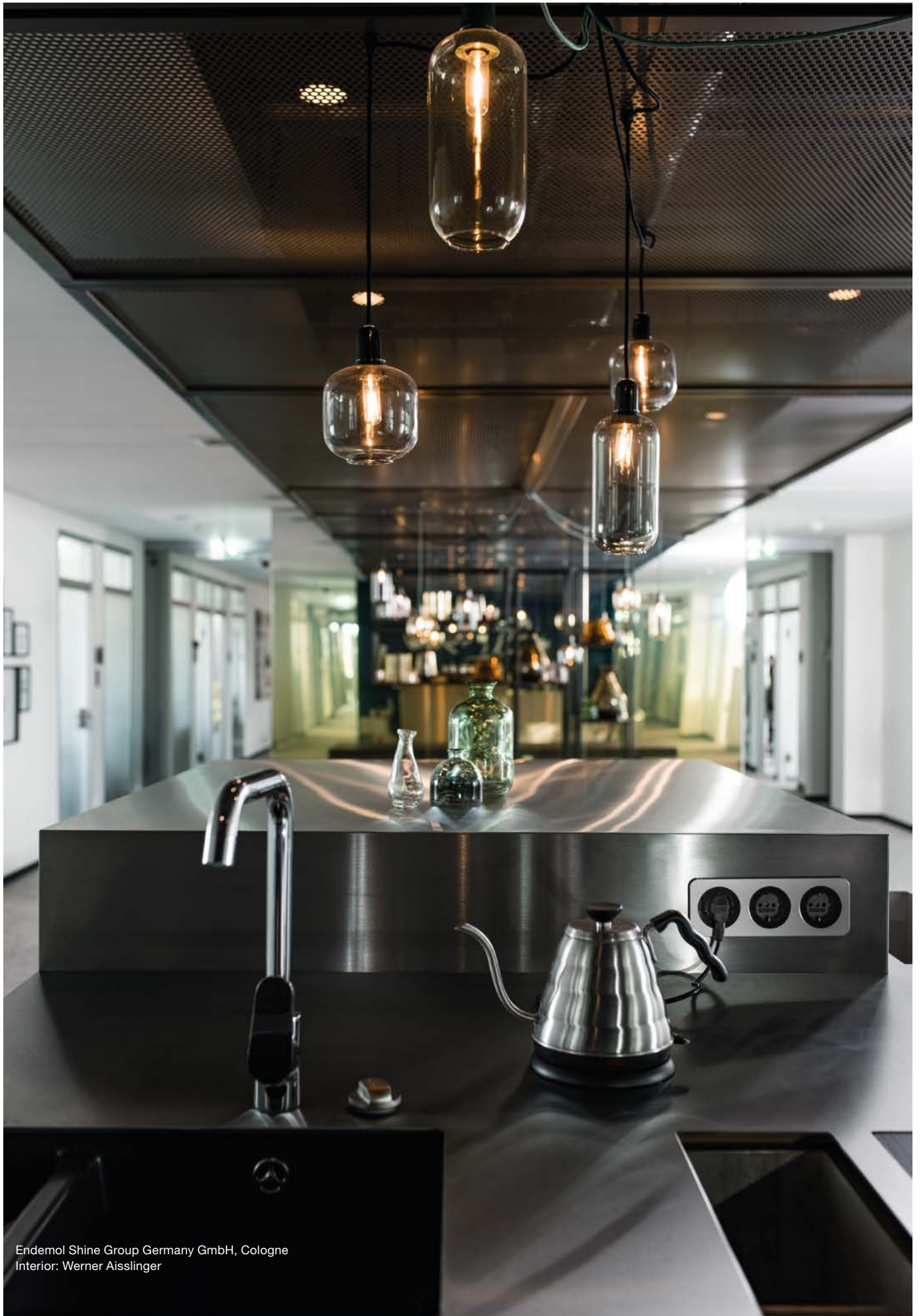


yellow brown



Ameron Hotel, Hamburg
Architect / Interior: Geplan Design GmbH

An effect finish for the Berker Q.3 in anodised colours allows great freedom for surface design. Anodised colours are characterised by high suitability for daily use in terms of cleaning and scratch resistance.



Endemol Shine Group Germany GmbH, Cologne
Interior: Werner Aisslinger

Berker R.1

Along with the dot and straight line, the circle is one of the oldest elements of geometry. But it can still be used in surprising ways. For instance, in the design line Berker R.1, which can then be just as pure and elegant as it is intense and conspicuous.



rosé gold



black chrome



Copper



Burnished brass

Copper, brass, high-gloss chrome draw attention and become stylish eyecatchers in the four walls. Whether as chandelier hanging above a table, as candelabra on the sideboard or in the form of the Berker R.1 – the metallic trend is found everywhere.

Private apartment
Interior: Arzu Kartal



Berker R.3

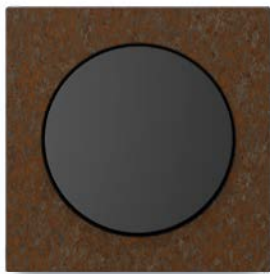
Continuously cornered frame, round centre piece – the Berker R.3 the power of contrast. Just like the Berker R.1, its product range also comprises all the properties of a contemporary surface switch. This means also that thanks to a sturdy plastic base it is just as robust and break-proof.



Kerlite® ceramic



with patina



Corten steel



Resysta®

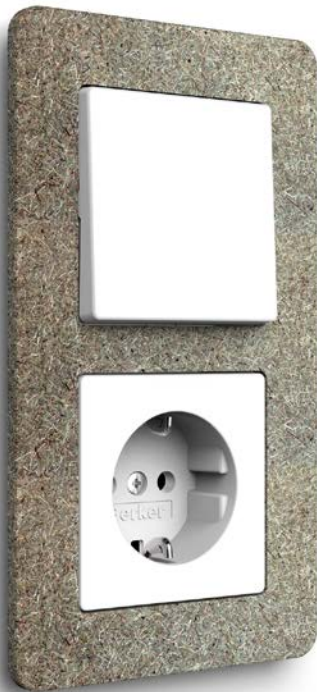
When exceptional designs such as the Berker R.3 are combined with high-quality innovative materials, aesthetically unique products result. With exclusive ceramics from Italy to high-grade materials that develop an interesting patina through use of a special process – creativity has no limits.



Private apartment

Berker Q.7

The Berker Q.7 creates accents not only through its form, function and workmanship. With its variety of frame materials, it also sets a new standard for architectural individuality. Exciting design contrast: The transparent support frame makes the switch appear to float on the wall.



Wildspitze



Coffee

There are many different ways to create accents with the Berker Q.7 in an interior space. Aromatic decorative coatings from Organoid® now bring nature indoors. They provide a new experience of natural materials with all senses, since the surface is untreated and thus retains its aroma characteristics.

Berker TS Sensor

Two products that complement each other perfectly: The Berker TS sensor is an extremely flat glass sensor that, thanks to screwless mounting, has a remarkably inconspicuous exterior. The Berker B.7 design line offers socket outlets with matching aesthetics.



TS sensor in green

The elegant-purist exterior of the Berker TS sensor becomes an eyecatcher through use of the unexpected variety of colour variants. In this way, the Berker TS sensor and the Berker B.7 enhance every interior.



pearl mouse grey



manufactory white



pearl gold

Berker B.IQ

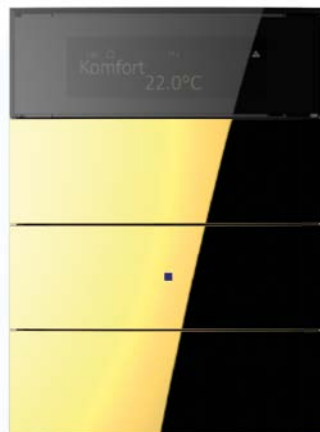
Perfectly matched surfaces ensure that our programmes can be combined with one another. Combining the Berker B.IQ with socket outlets from the Berker B.7 switch range is possible as well.



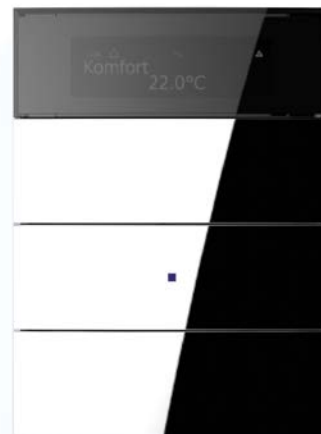
B.IQ black chrome



Fine-brushed brass



Gold



Chrome

With their high-quality metallic appearance, these design lines bring glamour in your own four walls and provide a modern touch. Gold and brass are characterised by a warm lustre that imparts comforting accents in an interior setting. In contrast, metals such as chrome and stainless steel create a decidedly cool atmosphere.

21 Flush-mounted wet-room installation



582

22 Surface-mounted wet-room installation



614

23 Surface-mounted dry-room installation



668

24 Connecting systems and accessories



678

25 Electronics platform
 – Conventional installation
 – KNX radio | quicklink



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26 KNX easy



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27 KNX ETS



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28 Technology

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29 Appendix

960

Flush-mounted wet-room installation

There are several options to realise a water-protected, flush-mounted installation. The splash-protected, flush-mounted IP44 range developed by Berker offers a wide spectrum of functionality, timeless square design, frames in three different colours and IP44 protection thanks to the corresponding seals. In addition, certain rockers, centre plates and socket outlets from the Q.1/Q.3, K.1/K.5, arsys or R.1/R.5 switch ranges are suitable provided the correct sealing set is also used.

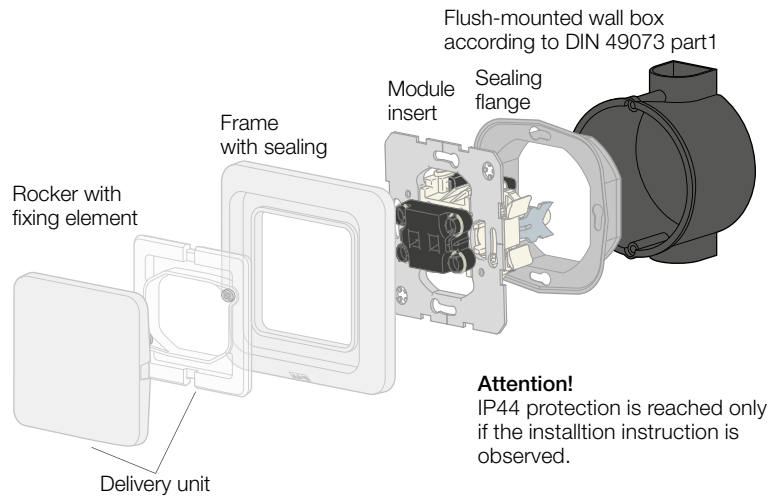


SCHUKO socket outlets with hinged cover	588
International socket outlet systems	593
Covers for switches/push-buttons	595
Covers for dimmers	601
Covers for blind switches/push-buttons	601
HAVAC covers	603
Covers for pilot lamps	606
Blind plugs	607
Accessible construction	608
Sealings IP44	610
Intermediate rings for central plates	613

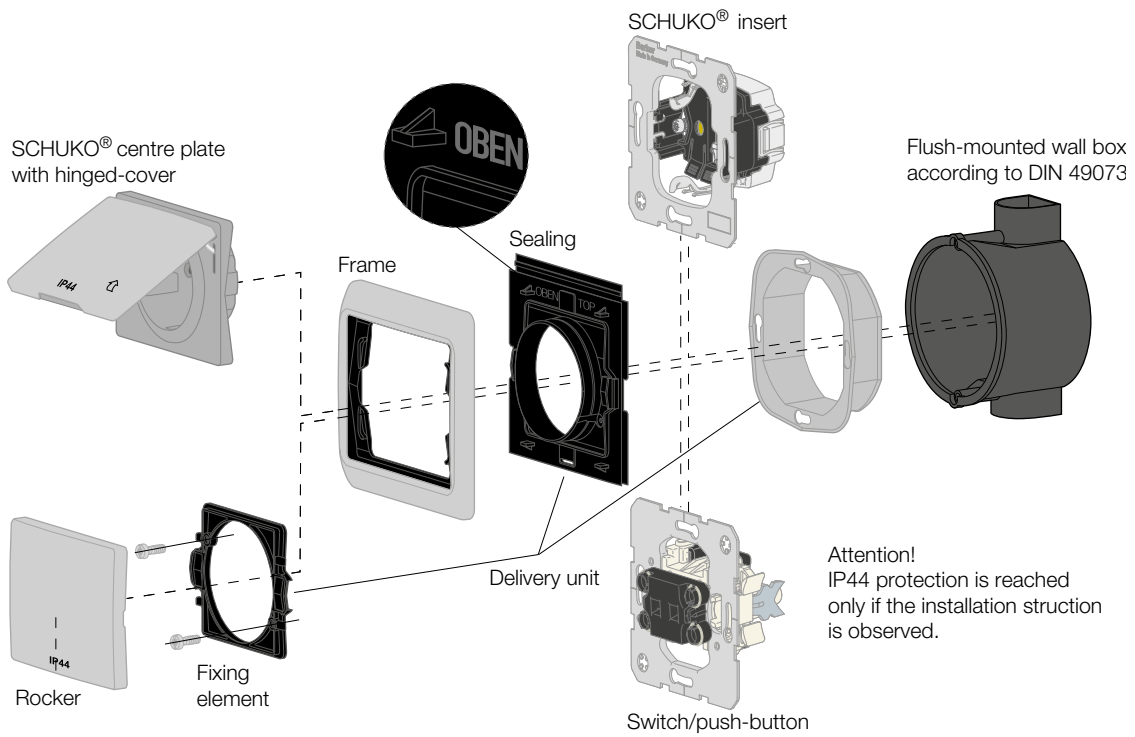
Flush-mounted wet-room Installation

Installation instruction

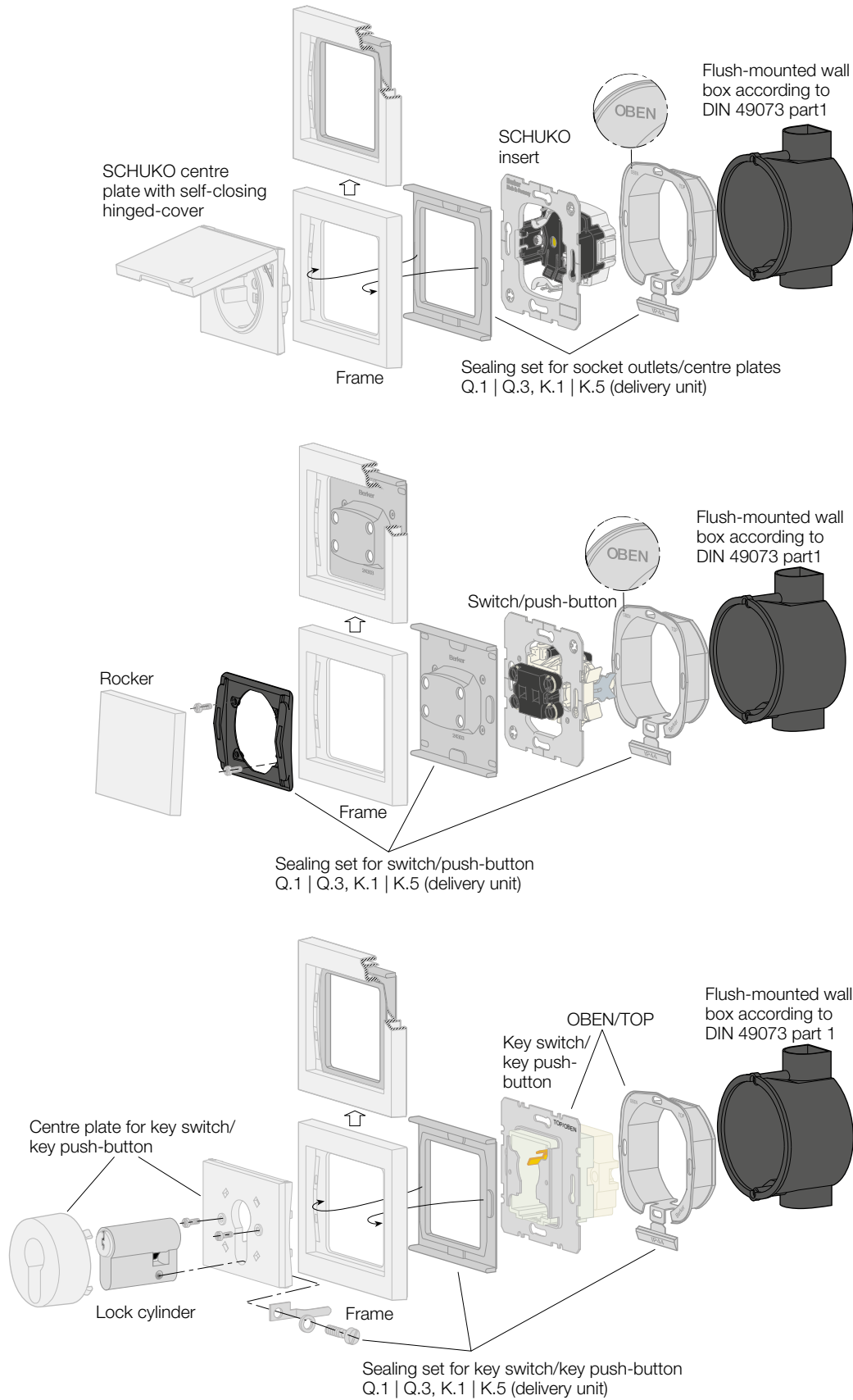
Installation instructions for wg UP IP44



Installation instructions for Berker arsys IP44



Installation instructions for Q.1 | Q.3 and K.1 | K.5



Use

The degree of protection IP44 is reached by installing the sealing set

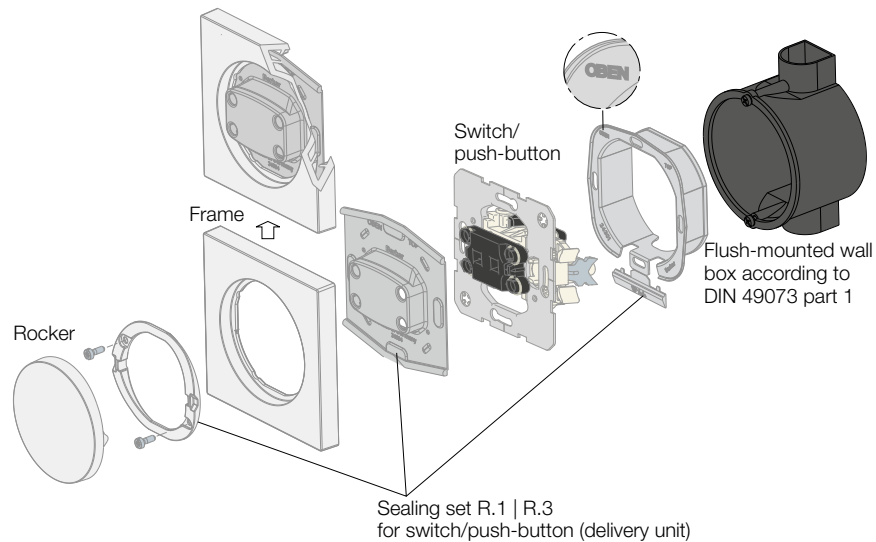
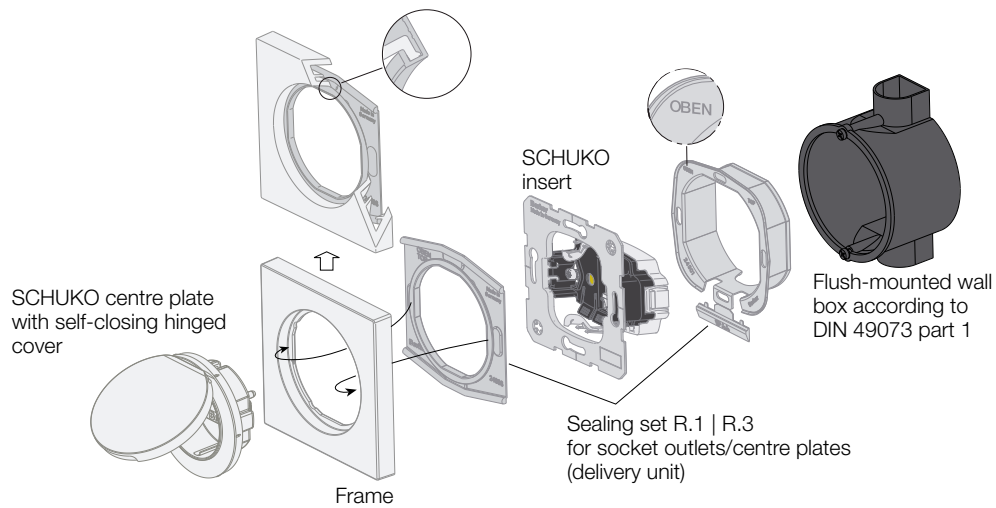
- in flush-mounted boxes according to DIN 49073, Part 1
- on smooth, even, vertical walls
- in flush-mounted boxes

Degree of protection IP 44 is not ensured in the case of floor mounting, ceiling mounting and mounting in hollow-wall boxes.

Assembly note

The degree of protection IP44 is reached only if all installed articles are IP44 suitable (check markings) and the installation instruction is observed!

Installation instructions for R.1 | R.3



Use

The degree of protection IP44 is reached by installing the sealing set

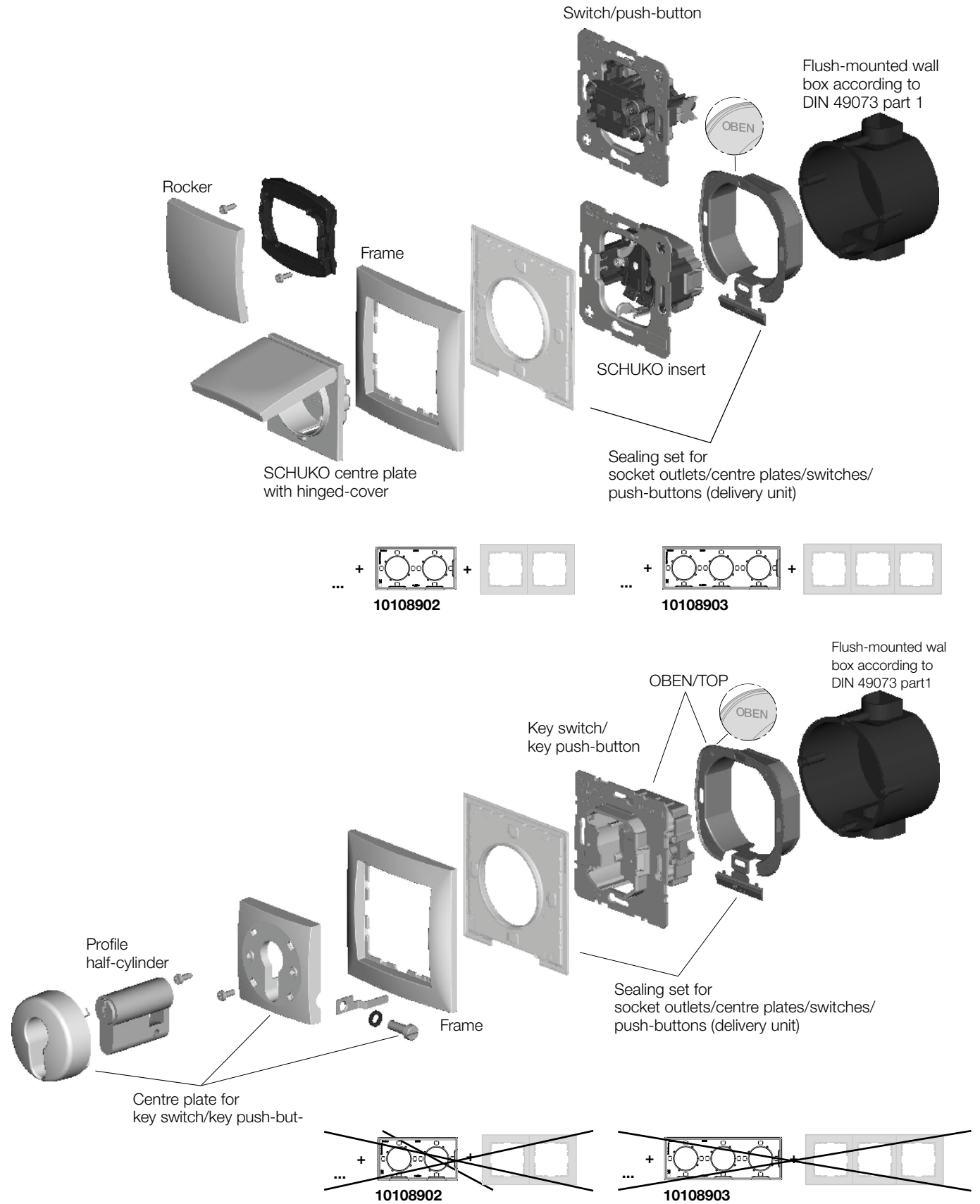
- in flush-mounted boxes according to DIN 49073, Part 1
- on smooth, even, vertical walls
- in flush-mounted boxes

Degree of protection IP 44 is not ensured in the case of floor mounting, ceiling mounting and mounting in hollow-wall boxes.

Assembly note

The degree of protection IP44 is reached only if all installed articles are IP44 suitable (check markings) and the installation instruction is observed!

Installation instructions for S.1 IP44



Use

- The degree of protection IP44 is reached by installing the sealing set
- in flush-mounted boxes according to DIN 49073, Part 1
 - on smooth, even, vertical walls
 - in flush-mounted boxes

Degree of protection IP 44 is not ensured in the case of floor mounting, ceiling mounting and mounting in hollow-wall boxes.

Assembly note

The degree of protection IP44 is reached only if all installed articles are IP44 suitable (check markings) and the installation instruction is observed!

SCHUKO socket outlets with hinged cover

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

SCHUKO socket outlets with hinged cover

SCHUKO socket outlet with hinged cover		▶ 895
	Rated voltage	250 V~ - with imprint
	Rated current	16 A - with plug-in terminals
	Design	Order no. PU
	Splash-protected flush-mounted IP44 - for sealing flange order no. 1884	
	white glossy	4715 10
	polar white glossy	4715 09 10
	brown glossy	4715 01 10
	Berker S.1 - for sealing set order no. 1010 89 0..	
	white glossy ¹⁾	4752 89 82 10
	polar white glossy ¹⁾	4752 89 89 10
	polar white matt ¹⁾	4752 19 09 10
	anthracite matt ¹⁾	4752 16 06 10
	aluminium matt, lacquered ¹⁾	4752 14 04 10
	Berker arsys - for sealing set order no. 1010 00	
	stainless steel, metal matt finish	4758 10 04 10

¹⁾ Available from September 2018!

SCHUKO socket outlet with hinged cover		▶ 895
	- screw-in lift terminals	- with imprint - with screw-in lift terminals
	Rated voltage	250 V~
	Rated current	16 A
	Design	Order no. PU
	Berker S.1 - for sealing set order no. 1010 89 0..	
	white glossy ¹⁾	4124 89 82 10
	polar white glossy ¹⁾	4124 89 89 10
	polar white matt ¹⁾	4124 19 09 10
	anthracite matt ¹⁾	4124 16 06 10
	aluminium matt, lacquered ¹⁾	4124 14 04 10

¹⁾ Available from September 2018!

SCHUKO socket outlet with hinged cover		▶ 895
	- enhanced contact protection	- with imprint - with plug-in terminals
	Rated voltage	250 V~
	Rated current	16 A
	Design	Order no. PU
	Splash-protected flush-mounted IP44 - for sealing flange order no. 1884	
	white glossy	4716 10
	polar white glossy	4716 09 10
	brown glossy	4716 01 10



Berker S.1 - for sealing set order no. 1010 89 0..

white glossy ¹⁾	4724 89 82	10
polar white glossy ¹⁾	4724 89 89	10
polar white matt ¹⁾	4724 19 09	10
anthracite matt ¹⁾	4724 16 06	10
aluminium matt, lacquered ¹⁾	4724 14 04	10



Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

white velvety	4751 60 82	10
polar white velvety	4751 60 89	10
anthracite velvety, lacquered	4751 60 86	10
aluminium velvety, lacquered	4751 60 84	10



Berker K.1 | K.5 - for sealing set order no. 1010 72 00

polar white glossy	4751 72 09	10
anthracite matt, lacquered	4751 72 06	10
aluminium, aluminium anodised	4751 72 03	10
stainless steel, metal matt finish	4751 72 04	10



Berker arsys - for sealing set order no. 1010 00

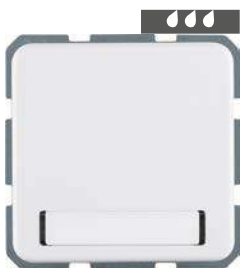
stainless steel, metal matt finish	4758 30 04	10
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Berker R.1 | R.3 - for sealing set order no. 1010 76 00

polar white glossy	4751 20 89	10
black glossy	4751 20 45	10

¹⁾ Available from September 2018!



SCHUKO socket outlet with hinged cover

- labelling field

- with imprint
- with plug-in terminals



Rated voltage 250 V~
Rated current 16 A

Design Order no. PU

Splash-protected flush-mounted IP44 - for sealing flange order no. 1884

white glossy ¹⁾	4719	10
polar white glossy ¹⁾	4719 09	10
brown glossy ¹⁾	4719 01	10



Berker arsys - for sealing set order no. 1010 00

stainless steel, metal matt finish ²⁾	4758 20 04	10
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¹⁾ labelling field height arranged for 9 mm P-touch strips
²⁾ labelling field height arranged for 6 mm P-touch strips



SCHUKO socket outlet with hinged cover

▶ 895

- labelling field
- enhanced contact protection

- with imprint
- with self-closing hinged covers
- with plug-in terminals



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design Order no. PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

white velvety	4752 60 82	10
polar white velvety	4752 60 89	10
anthracite velvety, lacquered	4752 60 86	10
aluminium velvety, lacquered	4752 60 84	10

Berker K.1 | K.5 - for sealing set order no. 1010 72 00

polar white glossy	4752 72 09	10
anthracite matt, lacquered	4752 72 06	10
aluminium, aluminium anodised	4752 72 03	10
stainless steel, metal matt finish	4752 72 04	10



SCHUKO socket outlet with frame and hinged cover

▶ 895

Rated voltage 250 V~
Rated current 16 A

- with imprint
- with sealing flange
- with plug-in terminals

Design Order no. PU

IP44 splash-protected IP 44

white glossy	4718	10
polar white glossy	4718 09	10
brown glossy	4718 01	10

IP44



SCHUKO socket outlet with cover plate and hinged cover

▶ 895

- screw terminals

- with sealing cup
- for single mounting
- without spreader claws



Rated voltage 250 V~
Rated current 16 A



Design Order no. PU

IP44 splash-protected IP 44

polar white glossy	4211 09	1
grey glossy	4211	1

IP44



SCHUKO socket outlet with hinged cover ▶ 895


- lock - differing closures



- e. g. for washing machine
- with 2 keys
- with spreader claws
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	4763	1
polar white glossy	4763 09	1
brown glossy	4763 01	1
Berker Q.1 Q.3 - for sealing set order no. 1010 72 00		
white velvety	4763 60 82	10
polar white velvety	4763 60 89	10
anthracite velvety, lacquered	4763 60 86	10
aluminium velvety, lacquered	4763 60 84	10
Berker K.1 K.5 - for sealing set order no. 1010 72 00		
polar white glossy	4763 70 09	10
anthracite matt, lacquered	4763 70 06	10
aluminium matt, lacquered	4763 70 03	10
stainless steel matt, lacquered	4763 70 04	10



SCHUKO socket outlet with hinged cover ▶ 895

- lock - differing closures


- screw-in lift terminals

- e. g. for washing machine
- with 2 keys
- with spreader claws
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Design	Order no.	PU
Berker Q.1 Q.3 - for sealing set order no. 1010 72 00		
white velvety	4163 60 82	10
polar white velvety	4163 60 89	10
anthracite velvety, lacquered	4163 60 86	10
aluminium velvety, lacquered	4163 60 84	10
Berker K.1 K.5 - for sealing set order no. 1010 72 00		
polar white glossy	4163 70 09	10
anthracite matt, lacquered	4163 70 06	10
aluminium matt, lacquered	4163 70 03	10
stainless steel matt, lacquered	4163 70 04	10

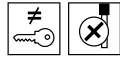




SCHUKO socket outlet with cover plate and hinged cover

▶ 895

- lock - differing closures
- screw terminals



- e. g. for washing machine
- with sealing cup
- with 2 keys
- for single mounting
- without spreader claws

Rated voltage 250 V~
Rated current 16 A

IP44

The locks of an article do have identical lockings. When ordering several articles those do usually have differing lockings.

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Design

Order no.

PU

splash-protected IP 44

polar white glossy	4212 09	1
grey glossy	4212	1



SCHUKO socket outlets for special applications



SCHUKO socket outlet with hinged cover and imprint

▶ 895

- labelling field
- enhanced contact protection



- with self-closing hinged covers
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design

Order no.

PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

polar white velvety, imprint "EDV" in red	4752 60 59	10
polar white velvety, imprint "SV" in green	4752 60 39	10
polar white velvety, imprint "ZSV" in orange	4752 60 49	10



SCHUKO socket outlet with hinged cover, control LED and imprint

▶ 895

- enhanced contact protection
- screw-in lift terminals



- with imprint
- with self-closing hinged covers
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Execution SV, ZSV according to VDE 0100-710

Design

Order no.

PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

red velvety, imprint "EDV"	4151 60 15	10
green velvety, imprint "SV"	4151 60 13	10
orange velvety, imprint "ZSV"	4151 60 14	10



Berker K.1 | K.5 - for sealing set order no. 1010 72 00

red glossy, imprint "EDV"	4151 71 15	10
green glossy, imprint "SV"	4151 71 13	10
orange glossy, imprint "ZSV"	4151 71 14	10



Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	267

International socket outlet systems

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

 **Socket outlet with earthing pin and hinged cover**

▶ 895



Rated voltage 250 V~ – 2pole + earth
Rated current 16 A – with imprint
– with hinged cover that falls back
– with plug-in terminals

Connection terminals according to IEC 60884-1

Design Order no. PU


Berker S.1 - for sealing set order no. 1010 89 0..

white glossy	67 6877 89 82	10
polar white glossy	67 6877 89 89	10
polar white matt	67 6877 19 09	10
anthracite matt	67 6877 16 06	10
aluminium matt, lacquered	67 6877 14 04	10

Berker R.1 | R.3 - for sealing set order no. 1010 76 00

polar white glossy	67 6877 20 89	10
black glossy	67 6877 20 45	10



 **Socket outlet with earthing pin and hinged cover**

▶ 895



- screw-in lift terminals

– 2pole + earth
– with hinged cover that falls back
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Connection terminals according to IEC 60884-1

Design Order no. PU


Berker S.1 - for sealing set order no. 1010 89 0..

white glossy	67 6577 89 82	10
polar white glossy	67 6577 89 89	10
polar white matt	67 6577 19 09	10
anthracite matt	67 6577 16 06	10
aluminium matt, lacquered	67 6577 14 04	10

Berker R.1 | R.3 - for sealing set order no. 1010 76 00

polar white glossy	67 6583 20 89	10
black glossy	67 6583 20 45	10



 **Socket outlet with earthing pin and hinged cover**

▶ 895



- lock - differing closures

– e. g. for washing machine
– 2pole + earth
– with 2 keys
– with spreader claws
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.

Connection terminals according to IEC 60884-1

Design Order no. PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

white velvety	67 6811 60 82	10
polar white velvety	67 6811 60 89	10
anthracite velvety, lacquered	67 6811 60 86	10
aluminium velvety, lacquered	67 6811 60 84	10





Berker K.1 | K.5 - for sealing set order no. 1010 72 00

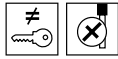
polar white glossy	67 6811 70 09	10
anthracite matt, lacquered	67 6811 70 06	10
alu, aluminium anodised	67 6811 70 03	10
stainless steel, metal matt finish	67 6811 70 04	10



Socket outlet with earthing pin and hinged cover

▶ 895

- lock - differing closures
- screw-in lift terminals



- e. g. for washing machine
- 2pole + earth
- with 2 keys
- with spreader claws
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request. It is imperative to specify lock number on repeat order.
Connection terminals according to IEC 60884-1

Design Order no. PU

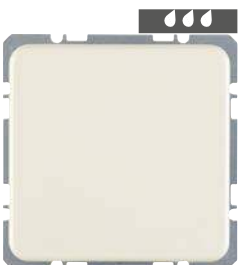
Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

white velvety	67 6511 60 82	10
polar white velvety	67 6511 60 89	10
anthracite velvety, lacquered	67 6511 60 86	10
aluminium velvety, lacquered	67 6511 60 84	10



Berker K.1 | K.5 - for sealing set order no. 1010 72 00

polar white glossy	67 6511 70 09	10
anthracite matt, lacquered	67 6511 70 06	10
alu, aluminium anodised	67 6511 70 03	10
stainless steel, metal matt finish	67 6511 70 04	10



Socket outlet with earthing contact and hinged cover
USA/CANADA NEMA 5-15 R

▶ 895

- screw terminals



- 2pole + earth
- without spreader claws
- with screw terminals

Rated voltage 125 V~
Rated current 15 A

Not UL-certified.
Standard NEMA 5-15 R

Design Order no. PU

Splash-protected flush-mounted IP44 - for sealing flange order no. 1884

white glossy	4202	10
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Socket outlet with earthing contact and hinged cover
USA/CANADA NEMA 5-20 R

▶ 895

- screw terminals



- 2pole + earth
- without spreader claws
- with screw terminals

Rated voltage 125 V~
Rated current 20 A

Not UL-certified.
Standard NEMA 5-20 R

Design Order no. PU

Splash-protected flush-mounted IP44 - for sealing flange order no. 1884

white glossy	4203	10
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Covers for switches/push-buttons



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

Covers for rocker switches/rocker push-buttons

Rocker



Design	Suitable for	Order no.	Page
	Rocker switches Rocker push-buttons		page 20 page 20
			PU

Splash-protected flush-mounted IP44 - for sealing flange order no. 1884

white glossy	1550	10
polar white glossy	1550 09	10
brown glossy	1550 01	10

Berker S.1 - for sealing set order no. 1010 89 0..

white glossy	1629 89 82	10
polar white glossy	1629 89 89	10
polar white matt	1629 19 09	10
anthracite matt	1629 16 06	10
aluminium matt, lacquered	1629 14 04	10

Berker Q.1 | Q.3 - for sealing set order no. 1010 71 00

white velvety	1620 60 82	10
polar white velvety	1620 60 89	10
anthracite velvety, lacquered	1620 60 86	10
aluminium velvety lacquered	1620 60 84	10

Berker K.1 | K.5 - for sealing set order no. 1010 71 00

polar white glossy	1405 70 09	10
anthracite matt, lacquered	1405 70 06	10
alu, aluminium anodised	1405 70 03	10
stainless steel, metal matt finish	1405 70 04	10

Berker R.1 | R.3 - for sealing set order-no. 1010 77 00

polar white glossy	1620 20 89	10
black glossy	1620 20 45	10

Rocker screw-on



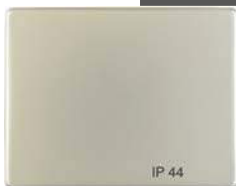
Design	Suitable for	Order no.	Page
	Rocker switches Rocker push-buttons		page 20 page 20
			PU

– with cover plug for screw fitting

Splash-protected flush-mounted IP44 - for sealing flange order no. 1884

white glossy	1559	10
polar white glossy	1559 09	10
brown glossy	1559 01	10

Rocker with imprint "IP44"



Design	Suitable for	Order no.	Page
	Rocker switches Rocker push-buttons		page 20 page 20
			PU

Berker arsys - for sealing set order no. 1010 00

stainless steel, metal matt finish	1424 10 04	10
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Rocker with imprint symbol



Design	Order no.	PU
Berker Q.1 Q.3 - for sealing set order no. 1010 71 00		
white velvety, with imprinted symbol for light	1620 60 42	10
polar white velvety, with imprinted symbol for light	1620 60 49	10
anthracite velvety, lacquered, with imprinted symbol for light	1620 60 46	10
aluminium velvety lacquered, with imprinted symbol for light	1620 60 44	10
white velvety, with imprinted symbol for bell	1620 60 52	10
polar white velvety, with imprinted symbol for bell	1620 60 59	10
anthracite velvety, lacquered, with imprinted symbol for bell	1620 60 56	10
aluminium velvety lacquered, with imprinted symbol for bell	1620 60 54	10
white velvety, with imprinted symbol for bell	1620 60 52	10
polar white velvety, with imprinted symbol for door opener	1620 60 69	10
anthracite velvety, lacquered, with imprinted symbol for door opener	1620 60 66	10
aluminium velvety lacquered, with imprinted symbol for bell	1620 60 54	10
Berker R.1 R.3 - for sealing set order-no. 1010 77 00		
polar white glossy, with imprinted symbol for light	1620 20 79	10
black glossy, with imprinted symbol for light	1620 20 35	10
polar white glossy, with imprinted symbol for bell	1620 20 69	10
black glossy, with imprinted symbol for bell	1620 20 25	10
polar white glossy, with imprinted symbol for door opener	1620 20 59	10
black glossy, with imprinted symbol for door opener	1620 20 15	10



Rocker

- labelling field



Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20



For labelling with name, information notice, etc.




Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy ¹⁾	1629	10
polar white glossy ¹⁾	1629 09	10
brown glossy ¹⁾	1629 01	10
Berker Q.1 Q.3 - for sealing set order no. 1010 71 00		
white velvety ²⁾	1626 60 82	10
polar white velvety ²⁾	1626 60 89	10
anthracite velvety, lacquered ²⁾	1626 60 86	10
aluminium velvety lacquered ²⁾	1626 60 84	10
Berker K.1 K.5 - for sealing set order no. 1010 71 00		
polar white glossy ²⁾	1426 70 09	10
anthracite matt, lacquered ²⁾	1426 70 06	10
alu, aluminium anodised ²⁾	1426 70 03	10
stainless steel, metal matt finish ²⁾	1426 70 04	10



¹⁾labelling field height arranged for 9 mm P-touch strips

²⁾labelling field height arranged for 6 mm P-touch strips

 Rocker with imprint "IP44"				
- labelling field				
		Suitable for Rocker switches Rocker push-buttons	Order no.	Page page 20 page 20
Design		Order no.		PU
Berker arsys - for sealing set order no. 1010 00				
stainless steel, metal matt finish		1436 10 04		10

 Rocker				
- lens				
		Suitable for Rocker switches Rocker push-buttons	Order no.	Page page 20 page 20
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.				
Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.				
Design		Order no.		PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884				
white glossy		1553		10
polar white glossy		1553 09		10
brown glossy		1553 11		10
Berker S.1 - for sealing set order no. 1010 89 0..				
white glossy		1629 89 92		10
polar white glossy		1629 89 99		10
polar white matt		1629 19 19		10
anthracite matt		1629 16 16		10
aluminium matt, lacquered		1629 14 14		10
Berker Q.1 Q.3 - for sealing set order no. 1010 71 00				
white velvety ¹⁾		1621 60 82		10
polar white velvety ¹⁾		1621 60 89		10
anthracite velvety, lacquered ¹⁾		1621 60 86		10
aluminium velvety lacquered ¹⁾		1621 60 84		10
Berker K.1 K.5 - for sealing set order no. 1010 71 00				
polar white glossy		1415 70 09		10
anthracite matt, lacquered		1415 70 06		10
alu, aluminium anodised		1415 70 03		10
stainless steel, metal matt finish		1415 70 04		10
Berker R.1 R.3 - for sealing set order-no. 1010 77 00				
polar white glossy ²⁾		1621 20 89		10
black glossy ²⁾		1621 20 45		10

¹⁾ only orange and clear lenses enclosed
²⁾ with clear lens only



Rocker screw-on



- lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

– for illumination and monitoring circuit
– with cover plug for screw fitting

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Design

Order no.

PU

Splash-protected flush-mounted IP44 - for sealing flange order no. 1884

white glossy	1557	10
polar white glossy	1557 09	10
brown glossy	1557 01	10



Rocker with imprinted symbol for light



- lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Lenses available in orange and clear.

– for illumination and monitoring circuit

Design

Order no.

PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 71 00

white velvety	1621 60 72	10
polar white velvety	1621 60 79	10
anthracite velvety, lacquered	1621 60 76	10
aluminium velvety lacquered	1621 60 74	10

Berker R.1 | R.3 - for sealing set order-no. 1010 77 00

polar white glossy ¹⁾	1621 20 79	10
black glossy ¹⁾	1621 20 35	10



¹⁾ with clear lens only



Rocker



- labelling field

- lens



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

– for illumination and monitoring circuit

Design

Order no.

PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 71 00

white velvety ¹⁾	1628 60 82	10
polar white velvety ¹⁾	1628 60 89	10
anthracite velvety, lacquered ¹⁾	1628 60 86	10
aluminium velvety lacquered ¹⁾	1628 60 84	10

Berker K.1 | K.5 - for sealing set order no. 1010 71 00

polar white glossy ²⁾	1415 71 09	10
anthracite matt, lacquered ²⁾	1415 71 06	10
alu, aluminium anodised ²⁾	1415 71 03	10
stainless steel, metal matt finish ²⁾	1415 71 04	10



¹⁾ only orange and clear lenses enclosed

²⁾ lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed

Covers for multi-pole rocker switches



Rocker with imprint "0"

Suitable for
Multi-pole rocker switches

Order no.

Page
page 26

Design

Order no.

PU

Splash-protected flush-mounted IP44 - for sealing flange order no. 1884

white glossy	1551	10
polar white glossy	1551 09	10
brown glossy	1551 11	10

Berker S.1 - for sealing set order no. 1010 89 0..

white glossy	1629 89 72	10
polar white glossy	1629 89 79	10
polar white matt	1629 19 29	10
anthracite matt	1629 16 26	10
aluminium matt, lacquered	1629 14 24	10

Berker Q.1 | Q.3 - for sealing set order no. 1010 71 00

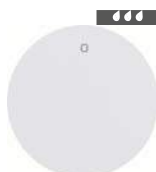
white velvety	1622 60 82	10
polar white velvety	1622 60 89	10
anthracite velvety, lacquered	1622 60 86	10
aluminium velvety lacquered	1622 60 84	10

Berker K.1 | K.5 - for sealing set order no. 1010 71 00

polar white glossy	1425 71 09	10
anthracite matt, lacquered	1425 71 06	10
alu, aluminium anodised	1425 71 03	10
stainless steel, metal matt finish	1425 71 04	10

Berker R.1 | R.3 - for sealing set order-no. 1010 77 00

polar white glossy	1622 20 89	10
black glossy	1622 20 45	10



Rocker with imprint "0"

- red lens

- for illumination and monitoring circuit



Suitable for
Multi-pole rocker switches

Order no.

Page
page 26

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Design

Order no.

PU

Splash-protected flush-mounted IP44 - for sealing flange order no. 1884

white glossy	1558	10
polar white glossy	1558 09	10
brown glossy	1558 01	10



Berker S.1 - for sealing set order no. 1010 89 0..

white glossy	1629 89 62	10
polar white glossy	1629 89 69	10
polar white matt	1629 19 39	10
anthracite matt	1629 16 36	10
aluminium matt, lacquered	1629 14 34	10

Berker Q.1 | Q.3 - for sealing set order no. 1010 71 00


white velvety ¹⁾	1624 60 82	10
polar white velvety ¹⁾	1624 60 89	10
anthracite velvety, lacquered ¹⁾	1624 60 86	10
aluminium velvety lacquered ¹⁾	1624 60 84	10




Design	Order no.	PU
	Berker K.1 K.5 - for sealing set order no. 1010 71 00	
polar white glossy	1417 71 09	10
anthracite matt, lacquered	1417 71 06	10
alu, aluminium anodised	1417 71 03	10
stainless steel, metal matt finish	1417 71 04	10
	Berker R.1 R.3 - for sealing set order-no. 1010 77 00	
polar white glossy ²⁾	1624 20 89	10
black glossy ²⁾	1624 20 45	10




¹⁾ with orange lens
²⁾ with clear lens

Covers for combination rocker switches/rocker push-buttons

Design	Order no.	PU
	Rocker 2gang	
	Suitable for	Order no.
	Rocker switches, 2gang	
	Series push-buttons	Page
		page 29
		page 29
	Splash-protected flush-mounted IP44 - for sealing flange order no. 1884	
white glossy	1552	10
polar white glossy	1552 09	10
brown glossy	1552 11	10

Design	Order no.	PU
	Rocker 2gang, screw-on	
	– with cover plug for screw fitting	
	Suitable for	Order no.
	Rocker switches, 2gang	
	Series push-buttons	Page
		page 29
		page 29
	Splash-protected flush-mounted IP44 - for sealing flange order no. 1884	
white glossy	1565	10
polar white glossy	1565 09	10
brown glossy	1565 11	10

Centre plates for key switches/key push-buttons

Design	Order no.	PU
	Centre plate for key switch/key push-button	
	– for master-key systems	
	Suitable for	Order no.
	Change-over switch for lock cylinders	3836 20
	Push-button for lock cylinder	3856 20
	Lock cylinder	1818 ..
		Page
		34
		34
		62
	Splash-protected flush-mounted IP44 - for sealing flange order no. 1884	
white glossy	1519 12	10
polar white glossy	1519 19	10
brown glossy	1519 11	10
	Berker Q.1 Q.3 - for sealing set order.-no. 1010 70 00	
white velvety	1507 60 82	10
polar white velvety	1507 60 89	10
anthracite velvety, lacquered	1507 60 86	10
aluminium velvety, lacquered	1507 60 84	10
	Berker K.1 K.5 - for sealing set order.-no. 1010 70 00	
polar white glossy	1505 70 09	10
anthracite matt, lacquered	1505 70 06	10
aluminium matt, lacquered	1505 70 03	10
stainless steel matt, lacquered	1505 70 04	10



Design	Order no.	PU
Berker R.1 R.3 - for sealing set Order no. 1010 78 00		
polar white glossy	1507 20 89	10
black glossy	1507 20 45	10

Covers for dimmers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

New



Centre plate for rotary dimmer/rotary potentiometer IP44

- setting knob



Suitable for	Order no.	Page
Rotary dimmers		page 44
Rotary potentiometers DALI		page 46
1-10 V Rotary potentiometers		page 47

Design	Order no.	PU
Berker S.1 - for sealing set order no. 1010 89 0..		
white glossy ¹⁾	★ 1367 89 82	10
polar white glossy ¹⁾	★ 1367 89 89	10
polar white matt ¹⁾	★ 1367 19 09	10
anthracite matt ¹⁾	★ 1367 16 06	10
alu matt ¹⁾	★ 1367 14 04	10



Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

white velvety	1137 60 82	10
polar white velvety	1137 60 89	10
anthracite velvety, lacquered	1137 60 86	10
aluminium velvety, lacquered	1137 60 84	10



Berker K.1 | K.5 - for sealing set order no. 1010 72 00

polar white glossy	1135 70 09	10
anthracite matt, lacquered	1135 70 06	10
aluminium, aluminium anodised	1135 70 03	10
stainless steel, metal matt finish	1135 70 04	10



Berker R.1 | R.3 - for sealing set order no. 1010 76 00

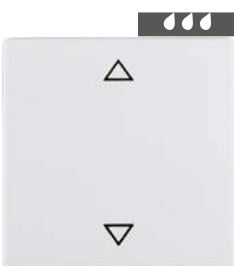
polar white glossy	1137 20 89	10
black glossy	1137 20 45	10

¹⁾ Available from September 2018!

Covers for blind switches/push-buttons

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

Rockers with imprint



Rocker with imprinted arrows symbol

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	30

Design	Order no.	PU
Berker Q.1 Q.3 - for sealing set order no. 1010 72 00		
white velvety	1620 60 72	10
polar white velvety	1620 60 79	10
anthracite velvety, lacquered	1620 60 76	10
aluminium velvety lacquered	1620 60 74	10



Berker K.1 | K.5 - for sealing set order no. 1010 72 00

polar white glossy	1405 71 09	10
anthracite matt, lacquered	1405 71 06	10
alu, aluminium anodised	1405 71 03	10
stainless steel, metal matt finish	1405 71 04	10



Berker R.1 | R.3 - for sealing set order no. 1010 76 00

polar white glossy	1620 20 49	10
black glossy	1620 20 05	10



Rocker 2gang with imprinted arrow symbol

Design	Suitable for	Order no.	Page
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884	Blind series switch 1pole	3035 20	66
	Blind series push-button 1pole	5035 20	84
white glossy	Order no.		PU
polar white glossy			10
brown glossy			10

Centre plates for rotary switches for blinds



Centre plate with rotary knob for rotary switch for blinds

Design	Suitable for	Order no.	Page
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884	Rotary switch for blinds 1pole	3841	86
	Rotary switch for blinds 2pole	3842	86
white glossy	optional		
polar white glossy	Interlock disk for rotary switch for blinds	1861 ..	87
brown glossy	Order no.		PU
			1
			1
			1



Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

white velvety	1080 60 82	1
polar white velvety	1080 60 89	1
anthracite velvety, lacquered	1080 60 86	1
aluminium velvety, lacquered	1080 60 84	1



Berker K.1 | K.5 - for sealing set order no. 1010 72 00

polar white glossy	1077 71 09	1
anthracite matt, lacquered	1077 71 06	1
alu, aluminium anodised	1077 71 03	1
stainless steel, metal matt finish	1077 71 04	1



Berker R.1 | R.3 - for sealing set order no. 1010 76 00

polar white glossy	1080 20 89	1
black glossy	1080 20 45	1

Centre plates for key switches/key push-buttons for blinds



Centre plate for key push-button for blinds/key switch

- with imprint
- for master-key systems

Suitable for	Order no.	Page
Switch for blinds 1pole for lock cylinder	3821 20	89
Push-button for blinds 1pole for lock cylinder	3831 20	90
Lock cylinder	1818 ..	62

Design

Order no.

PU

Splash-protected flush-mounted IP44 - for sealing flange order no. 1884

white glossy	1518 12	10
polar white glossy	1518 19	10
brown glossy	1518 11	10

Berker S.1 - with sealing flange and fixing element

white glossy ¹⁾	1508 89 82	10
polar white glossy ¹⁾	1508 89 89	10
polar white matt ¹⁾	1508 19 09	10
anthracite matt ¹⁾	1508 16 06	10
aluminium matt, lacquered ¹⁾	1508 14 04	10

Berker Q.1 | Q.3 - for sealing set order.-no. 1010 70 00

white velvety	1506 60 82	10
polar white velvety	1506 60 89	10
anthracite velvety, lacquered	1506 60 86	10
aluminium velvety, lacquered	1506 60 84	10

Berker K.1 | K.5 - for sealing set order.-no. 1010 70 00

polar white glossy	1504 71 09	10
anthracite matt, lacquered	1504 71 06	10
aluminium matt, lacquered	1504 71 03	10
stainless steel matt, lacquered	1504 71 04	10

Berker R.1 | R.3 - for sealing set Order no. 1010 78 00

polar white glossy	1506 20 89	10
black glossy	1506 20 45	10

¹⁾ Available from September 2018!

HAVAC covers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

Covers for heating applications



Rocker with imprint "Heizung "

- red lens

- for monitoring circuit



Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

Use glass pane-protected switch for heating applications alternatively.

Design

Order no.

PU

Splash-protected flush-mounted IP44 - for sealing flange order no. 1884

white glossy	1568	10
polar white glossy	1568 09	10
brown glossy	1568 01	10



Berker Q.1 | Q.3 - for sealing set order no. 1010 71 00

white velvety ¹⁾	1621 60 62	10
polar white velvety ¹⁾	1621 60 69	10
aluminium velvety lacquered ¹⁾	1621 60 64	10



Berker K.1 | K.5 - for sealing set order no. 1010 71 00

red glossy	1488 71 15	10
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Berker R.1 | R.3 - for sealing set order-no. 1010 77 00

polar white glossy ²⁾	1621 20 49	10
----------------------------------	------------	----

¹⁾ with orange lens
²⁾ with clear lens



Rocker with imprint "Heizung - 0"

- red lens



- for illumination and monitoring circuit

Suitable for
Multi-pole rocker switches

Order no.

Page
page 26

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Use glass pane-protected switch for heating applications alternatively.

Design

Order no.

PU

Splash-protected flush-mounted IP44 - for sealing flange order no. 1884

white glossy	1569	10
polar white glossy	1569 09	10
brown glossy	1569 01	10



Centre plate with glass plate

- rocker



Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

Adhesive label sheets, text white: "Notschalter", "Rauchabzug", "Feuerschutztür schließen", "Feuerabschluss schließen", "Heizung", "Lichtkuppel", "Hausalarm" and "Öffnen" supplied.

The glass pane protects against incorrect usage.

Design

Order no.

PU

Splash-protected flush-mounted IP44 - for sealing flange order no. 1884

red glossy	1295	10
------------	------	----

Centre plates for air conditioner/fan controllers



Centre plate with rotary knob for 3-step switch

- 0 position



- with imprint

Suitable for
3-step switches

Order no.
3861 ..

Page
108

Design

Order no.

PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

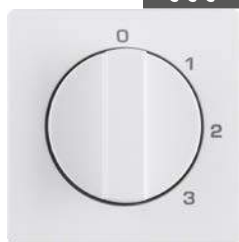
white velvety	1096 60 82	1
polar white velvety	1096 60 89	1
anthracite velvety, lacquered	1096 60 86	1
aluminium velvety, lacquered	1096 60 84	1

Berker K.1 | K.5 - for sealing set order no. 1010 72 00

polar white glossy	1087 71 09	1
anthracite matt, lacquered	1087 71 06	1
alu, aluminium anodised	1087 71 03	1
stainless steel, metal matt finish	1087 71 04	1

Berker R.1 | R.3 - for sealing set order no. 1010 76 00

polar white glossy	1096 20 89	1
black glossy	1096 20 45	1



Centre plate with rotary knob for 3-step switch

- with imprint

Suitable for
3-step switches

Order no.
3861 ..

Page
108

Design

Order no.

PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

white velvety, without 0-position: 2-1-3	1084 60 82	1
polar white velvety, without 0-position: 2-1-3	1084 60 89	1
anthracite velvety, lacquered, without 0-position: 2-1-3	1084 60 86	1
aluminium velvety, lacquered, without 0-position: 2-1-3	1084 60 84	1

Berker K.1 | K.5 - for sealing set order no. 1010 72 00

polar white glossy, without 0-position: 2-1-3	1088 71 09	1
anthracite matt, lacquered, without 0-position: 2-1-3	1088 71 06	1
alu, aluminium anodised, without 0-position: 2-1-3	1088 71 03	1
stainless steel, metal matt finish, without 0-position: 2-1-3	1088 71 04	1

Berker R.1 | R.3 - for sealing set order no. 1010 76 00

polar white glossy, without 0-position: 2-1-3	1084 20 89	1
black glossy, without 0-position: 2-1-3	1084 20 45	1



Centre plate for speed controller

- setting knob

- with imprinted symbol curve



Suitable for
Speed controller

Order no.
2968 01

Page
109

Axis dimension Ø

4 mm

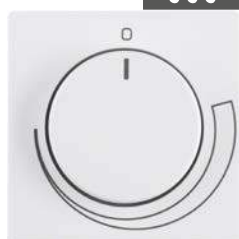
Design

Order no.

PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

white velvety	1137 60 72	10
polar white velvety	1137 60 79	10
anthracite velvety, lacquered	1137 60 76	10
aluminium velvety, lacquered	1137 60 74	10





Berker K.1 | K.5 - for sealing set order no. 1010 72 00

polar white glossy	1135 72 09	10
anthracite matt, lacquered	1135 72 06	10
aluminium, aluminium anodised	1135 72 03	10
stainless steel, metal matt finish	1135 72 04	10



Berker R.1 | R.3 - for sealing set order no. 1010 76 00

polar white glossy	1137 20 79	10
black glossy	1137 20 35	10

Covers for pilot lamps

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.



Centre plate for push-button/pilot lamp E10

Cut-out Ø	27.3 mm	– centre plate for plug-in fixing		
		Suitable for Push-button/pilot lamp E10, NO contact	Order no. 5101 ..	Page 55
Design		Order no.		PU
		Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
		white glossy	1530	10
		polar white glossy	1530 09	10
		brown glossy	1530 01	10



Centre plate for pilot lamp E14

		Suitable for Pilot lamp E14	Order no. 5131 02	Page 57
Design		Order no.		PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

white velvety	1198 60 82	10
polar white velvety	1198 60 89	10
anthracite velvety, lacquered	1198 60 86	10
aluminium velvety, lacquered	1198 60 84	10



Berker K.1 | K.5 - for sealing set order no. 1010 72 00

polar white glossy	1167 70 09	10
anthracite matt, lacquered	1167 70 06	10
aluminium matt, lacquered	1167 70 03	10
stainless steel matt, lacquered	1167 70 04	10



Berker R.1 | R.3 - for sealing set order no. 1010 76 00

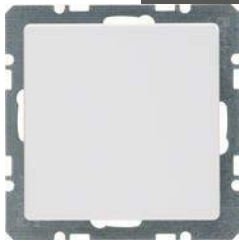
polar white glossy	1198 20 89	10
black glossy	1198 20 45	10

Blind plugs



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

Blind plug with centre plate



- on supporting plate without cut-out
- centre plate for plug-in fixing

Design

Order no.

PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

white velvety ¹⁾	1009 60 82	20
polar white velvety ¹⁾	1009 60 89	20
anthracite velvety, lacquered ¹⁾	1009 60 86	20
aluminium velvety, lacquered ¹⁾	1009 60 84	20
white velvety ²⁾	67 1009 60 82	10
polar white velvety ²⁾	67 1009 60 89	10
anthracite velvety, lacquered ²⁾	67 1009 60 86	10
aluminium velvety, lacquered ²⁾	67 1009 60 84	10

Berker K.1 | K.5 - for sealing set order no. 1010 72 00

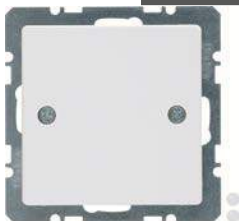
polar white glossy ¹⁾	1045 70 09	20
anthracite matt, lacquered ¹⁾	1045 70 06	20
alu, aluminium anodised ¹⁾	1045 70 03	20
stainless steel, metal matt finish ¹⁾	1045 70 04	20
polar white glossy ²⁾	67 1045 70 09	10
anthracite matt, lacquered ²⁾	67 1045 70 06	10
alu, aluminium anodised ²⁾	67 1045 70 03	10
stainless steel, metal matt finish ²⁾	67 1045 70 04	10

Berker R.1 | R.3 - for sealing set order no. 1010 76 00

polar white glossy ¹⁾	1009 20 89	20
black glossy ¹⁾	1009 20 45	20

¹⁾ without spreader claws
²⁾ with base and spreader claws

Blind plug with centre plate, screw-on



- on supporting plate with large cut-out
- space-saving for relays, etc.
- for customised cut-outs or holes when installing special solutions
- without spreader claws
- with cover plug for screw fitting

Design

Order no.

PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 72 00

polar white velvety	1009 60 79	20
anthracite velvety, lacquered	1009 60 76	20

Berker K.1 | K.5 - for sealing set order no. 1010 72 00

polar white glossy	1045 71 09	20
anthracite matt, lacquered	1045 71 06	20

Accessible construction



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

Rockers - accessible construction



Rocker for accessible construction

- guide for mouth rod
- lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Lenses available in orange and clear.

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Rocker switches/rocker push-buttons		page 66



Design	Order no.	PU
--------	-----------	----

Berker Q.1 Q.3 - for sealing set order no. 1010 71 00 polar white velvety	1661 60 49	10
---	-------------------	----

Berker K.1 K.5 - for sealing set order no. 1010 71 00 polar white glossy ¹⁾	1661 71 09	10
--	-------------------	----



Berker R.1 R.3 - for sealing set order-no. 1010 77 00 polar white glossy ²⁾	1661 20 49	10
--	-------------------	----



¹⁾ lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed
²⁾ with clear lens only



Rocker for accessible construction

- tactile light symbol
- orange lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Rocker switches/rocker push-buttons		page 66

Design	Order no.	PU
--------	-----------	----

Berker Q.1 Q.3 - for sealing set order no. 1010 71 00 polar white velvety	1651 60 49	10
---	-------------------	----

Berker K.1 K.5 - for sealing set order no. 1010 71 00 polar white glossy ¹⁾	1651 71 09	10
--	-------------------	----



Berker R.1 R.3 - for sealing set order-no. 1010 77 00 polar white glossy ²⁾	1651 20 49	10
--	-------------------	----



¹⁾ with red lens
²⁾ with clear lens



Rocker for accessible construction

- tactile bell symbol
- orange lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

– for illumination and monitoring circuit

Suitable for
Push-button

Order no.

Page
page 66

Design

Order no.

PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 71 00

polar white velvety

1651 60 59

10

Berker K.1 | K.5 - for sealing set order no. 1010 71 00

polar white glossy ¹⁾

1651 72 09

10



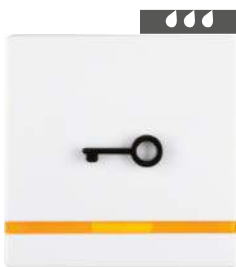
Berker R.1 | R.3 - for sealing set order-no. 1010 77 00

polar white glossy ²⁾

1651 20 89

10

¹⁾ with red lens
²⁾ with clear lens



Rocker for accessible construction

- tactile symbol for door opener
- orange lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

– for illumination and monitoring circuit

Suitable for
Push-button

Order no.

Page
page 66

Design

Order no.

PU

Berker Q.1 | Q.3 - for sealing set order no. 1010 71 00

polar white velvety

1651 60 69

10

Berker K.1 | K.5 - for sealing set order no. 1010 71 00

polar white glossy ¹⁾

1651 73 09

10



Berker R.1 | R.3 - for sealing set order-no. 1010 77 00

polar white glossy ²⁾

1651 20 69

10

¹⁾ with red lens
²⁾ with clear lens

Sealings IP44



Sealing set 1gang for socket outlets, centre plates, rocker switches/push-buttons and switches/push-buttons with lock for blinds

– with sealing flange, without fixing element

Design	Order no.	Page
Berker S.1		
transparent, 1gang	1010 89 01	1

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 588
Socket outlet with earthing pin and hinged cover		page 593
Covers for rocker switches/rocker push-buttons		page 595
Covers for multi-pole rocker switches		page 599
Centre plate for rotary dimmer/rotary potentiometer IP44		page 601
Centre plate for key push-button for blinds/key switch		page 603
	1011 ..	208
		PU



Sealing set for socket outlets/centre plates/switches/push-buttons

– with sealing flange, without fixing element

Design	Order no.	Page
Berker S.1		
transparent, 2gang	1010 89 02	1
transparent, 3gang	1010 89 03	1

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 588
Socket outlet with earthing pin and hinged cover		page 593
Covers for rocker switches/rocker push-buttons		page 595
Covers for multi-pole rocker switches		page 599
Centre plate for rotary dimmer/rotary potentiometer IP44		page 601
Frames		page 208
		PU



Sealing set for socket outlets/centre plates

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 588
SCHUKO socket outlet with hinged cover, control LED and imprint		page 592
International socket outlet systems		page 593
Centre plate for pilot lamp E14		page 606
Centre plate for rotary dimmer/rotary potentiometer IP44		page 601
Centre plate with rotary knob for rotary switch for blinds		page 602
Centre plates for air conditioner/fan controllers		page 605
Blind plugs		page 607
Frames		page 282
Frames		page 290
Frames		page 362
Frames		page 368

Design	Order no.	Page
Berker Q.1 Q.3, K.1 K.5		
transparent	1010 72 00	1

Order no. PU



Sealing set for socket outlets/centre plates

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 588
International socket outlet systems		page 593
Centre plate for rotary dimmer/rotary potentiometer IP44		page 601
Centre plate with rotary knob for rotary switch for blinds		page 602
Centre plates for air conditioner/fan controllers		page 605
Centre plate for pilot lamp E14		page 606
Blind plugs		page 607
Frames		page 456
Frames		page 466

Design	Order no.	Page
Berker R.1 R.3		
transparent	1010 76 00	1

Order no. PU



Sealing set for switches/push-buttons

– with IP44 fixing piece to screw on

Suitable for	Order no.	Page
Covers for rocker switches/rocker push-buttons		page 595
Covers for multi-pole rocker switches		page 599
Covers for heating applications		page 603
Rockers - accessible construction		page 608
Frames		page 282
Frames		page 290
Frames		page 362
Frames		page 368

Design

Order no.

PU

Berker Q.1 | Q.3, K.1 | K.5

transparent

1010 71 00

1



Sealing set for switches/push-buttons

– with IP44 fixing piece to screw on

Suitable for	Order no.	Page
Covers for rocker switches/rocker push-buttons		page 595
Covers for multi-pole rocker switches		page 599
Covers for heating applications		page 603
Rockers - accessible construction		page 608
Frames		page 456
Frames		page 466

Design

Order no.

PU

Berker R.1 | R.3

transparent

1010 77 00

1



Sealing set for arsys IP44 devices

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 588
Covers for rocker switches/rocker push-buttons		page 595

Design

Order no.

PU

Berker arsys IP44

Sealing set for arsys IP44 devices

1010 00

10



Sealing set for key switches/key push-buttons

Suitable for	Order no.	Page
Centre plate for key switch/key push-button		page 600
Centre plate for key push-button for blinds/key switch		page 603
Frames		page 282
Frames		page 290
Frames		page 362
Frames		page 368

Design

Order no.

PU

Berker Q.1 | Q.3, K.1 | K.5

transparent

1010 70 00

1



Sealing set for key switch/key push-button

Suitable for	Order no.	Page
Centre plate for key switch/key push-button		page 600
Centre plate for key push-button for blinds/key switch		page 603

Design

Order no.

PU

Berker R.1 | R.3

transparent

1010 78 00

1

Frames with sealing

– for complete devices of the Design line **wg UP IP44** (except order no. 4718 .., 4211 .., 4212 ..), a sealing flange, order no. 1884, is required to achieve the IP44 degree of protection.



Frame with sealing

- sealing

Use only in conjunction with sealing flange order no. 1884!

Design

splash-protected IP 44

white glossy, 1gang

white glossy, 2gang

white glossy, 3gang

– for vertical and horizontal mounting

Suitable for

Sealing flange for splash-protected flush-mounted devices

Order no.

Order no.

1884

▶ 941

Page 612

PU

1328

10

1329

2

1330

2



Frame with sealing

- sealing

Use only in conjunction with sealing flange order no. 1884!

Design

splash-protected IP 44

polar white glossy, 1gang

polar white glossy, 2gang

polar white glossy, 3gang

– for vertical and horizontal mounting

Suitable for

Sealing flange for splash-protected flush-mounted devices

Order no.

Order no.

1884

▶ 941

Page 612

PU

1328 09

10

1329 09

2

1330 09

2



Frame with sealing

- sealing

Use only in conjunction with sealing flange order no. 1884!

Design

splash-protected IP 44

brown glossy, 1gang

brown glossy, 2gang

brown glossy, 3gang

– for vertical and horizontal mounting

Suitable for

Sealing flange for splash-protected flush-mounted devices

Order no.

Order no.

1884

▶ 941

Page 612

PU

1328 01

10

1329 01

2

1330 01

2



Sealing flange for splash-protected flush-mounted devices

The sealing flange must be inserted between the supporting plate and the wall!

Design

splash-protected IP 44

grey

Suitable for

SCHUKO socket outlets with hinged cover
International socket outlet systems
Covers for rocker switches/rocker push-buttons
Covers for multi-pole rocker switches
Covers for combination rocker switches/rocker push-buttons
Centre plate for key switch/key push-button
Covers for blind switches/push-buttons
Covers for heating applications
Centre plate for push-button/pilot lamp E10
Frames with sealing

Order no.

Order no.

1884

Page

page 588
page 593
page 595
page 599
page 600
page 600
page 601
page 603
page 606
page 612

PU

1884

10

Intermediate rings for central plates



Intermediate ring with hinged cover

- labelling field



Not suitable for heating systems > 50 kW.
Combinable with central plates for communication technology and central plates for hospital installations.

- for central plates and centre plate 50 x 50 mm

Design	Order no.	PU
white glossy	1022 50	10
polar white glossy	1022 59	10
brown glossy	1022 51	10

Suitable for	Order no.	Page
Central plate for aerial socket 4hole (Ankaro)		page 129
Central plate for aerial socket 4hole (Hirschmann)		page 130
Central plate with installation opening Ø 18.8 mm		page 131
Central plate for socket outlet for equipotential bonding		page 197
Central plate for 6pole socket outlet		page 197



Central plate for aerial socket 2hole

Caution!
Use only with intermediate ring for central plate from the corresponding range.
For aerial socket according to DIN 45330

- labelling field latchable

Design	Order no.	PU
white glossy	1486 02	10
polar white	1486 09	10
brown glossy	1486 01	10

Suitable for	Order no.	Page
Intermediate ring with hinged cover		page 613
Aerial socket, 2hole throughpass socket		page 128
Aerial socket 2hole single box	4502 10	128

Surface-mounted wet-room installation

The Berker W.1 keeps tightly sealed. Housings, rockers and hinged covers of the surface-mounted wet-room range with IP55 degree of protection keep the moisture out. The W.1 is even immune from water jets. There is plenty of space for wiring in the housing and the system is quick and easy to install. One alternative is the extremely robust Isopanzers, some of which have even higher degrees of protection: the switches and socket outlets with high resistance to chemicals are also available with IP44 and IP66 protection.



W.1 - SCHUKO socket outlets with hinged cover	616
W.1 - International socket outlet systems	624
W.1 - Switches/push-buttons	625
W.1 - Combinations	629
W.1 - Timers	630
W.1 - Switches for heating systems	631
W.1 - Switches/push-buttons for blinds	632
W.1 - Communication/multimedia technology	633
W.1 - Supplementary products	635
W.1 - Modular system	635
W.1 - Accessories	650
Die-cast IP 44 - Switch/push-button	654
SCHUKO socket outlets with hinged cover	657
Isopanzer IP 44 - International socket outlet systems	658
Isopanzer IP 44 - Switch/push-button	660
Isopanzer IP 44 - Combinations	661
Isopanzer IP 44 - Switches/push-buttons for blinds	661
Isopanzer IP 44 - Housing	662
Isopanzer IP 44 - Supplementary products	662
Isopanzer IP 66 - SCHUKO connecting devices	664
Isopanzer IP 66 - Switch/push-button	664
Isopanzer IP 66 - Switches/push-buttons for blinds	665
Isopanzer IP 66 - Pilot lamps	666
Isopanzer IP 66 - Supplementary products	666

SCHUKO socket outlets with hinged cover

- full-surface sealing under the housing floor to seal the rear side, the rear cable entry and to cover unevennesses on the wall
- with hinged cover that falls back, manual clip-in for reaching the degree of protection IP55
- easily accessible, funnel-shaped mounting holes in the housings
- one Wago 2-wire connection terminal for wiring enclosed
- two clip-in places for Wago 2-wire connection terminals in the housing floor
- much space for wiring under the base of the inserts
- easy installation of the insert in the housing by clicking into place
- secure fastening of the frame on the housing by means of 2 quick-release locks
- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1



SCHUKO socket outlet with hinged cover surface-mounted

▶ 949

- | | | |
|-----------------------|----------------|--|
| Rated voltage | 250 V~ | - with one entry for 2 cables and one entry for cable and tube |
| Rated current | 16 A | - with plug-in terminals |
| Operating temperature | -40 ... +30 °C | |

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

IP55



Design	Order no.	PU
grey/light grey matt	4740 35 15	10
polar white matt	4740 35 12	1



SCHUKO socket outlet with hinged cover surface-mounted

▶ 949

- enhanced contact protection



- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

- | | |
|-----------------------|----------------|
| Rated voltage | 250 V~ |
| Rated current | 16 A |
| Operating temperature | -40 ... +30 °C |

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

IP55



Design	Order no.	PU
grey/light grey matt	4763 35 05	10
polar white matt	4763 35 02	1



SCHUKO socket outlet with hinged cover surface-mounted

▶ 949

- enhanced contact protection

- screw terminals



- with one entry for 2 cables and one entry for cable and tube
- with screw terminals

- | | |
|-----------------------|----------------|
| Rated voltage | 250 V~ |
| Rated current | 16 A |
| Operating temperature | -40 ... +30 °C |

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

IP55

Design	Order no.	PU
grey/lightgrey matt	4763 35 25	10
polar white matt	4763 35 22	1



SCHUKO socket outlet with hinged cover surface-mounted

- labelling field



Rated voltage	250 V~
Rated current	16 A
Operating temperature	-40 ... +30 °C
Labelling field (W x H)	≈ 50 x 16 mm

Labelling field height arranged for P-touch strips 12 mm.

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

IP55

Design	Order no.	PU
grey/light grey matt	4741 35 15	10
polar white matt	4741 35 12	1



New



SCHUKO socket outlet with hinged cover surface-mounted

- labelling field
- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A
Operating temperature	-40 ... +30 °C
Labelling field (W x H)	≈ 50 x 16 mm

Labelling field height arranged for P-touch strips 12 mm.

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 ..	652

IP55

Design	Order no.	PU
grey/light grey matt	★ 4741 35 25	1
polar white matt	★ 4741 35 22	1



SCHUKO socket outlet with hinged cover surface-mounted

- labelling field
- lock - differing closures
- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A
Operating temperature	-40 ... +30 °C
Labelling field (W x H)	≈ 50 x 16 mm

Spare keys and other closures (max. 24) on request.
Labelling field height arranged for P-touch strips 12 mm.

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

- e. g. for washing machine
- with 2 keys
- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

IP55

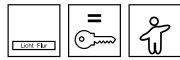
Design	Order no.	PU
grey/light grey matt	4739 35 05	1
polar white matt	4769 35 02	1





SCHUKO socket outlet with hinged cover surface-mounted

- labelling field
- lock - even closings
- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A
Operating temperature	-40 ... +30 °C
Labelling field (W x H)	≈ 50 x 16 mm

Spare keys and other closures (max. 24) on request.
Labelling field height arranged for P-touch strips 12 mm.

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

- e. g. for washing machine
- with 2 keys
- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

IP55

Design	Order no.	PU
grey/light grey matt	4789 35 05	1
polar white matt	4789 35 02	1



Combination SCHUKO socket outlets with hinged cover



2gang SCHUKO socket outlet vertical with hinged cover surface-mounted

Rated voltage	250 V~
Rated current	16 A
Operating temperature	-40 ... +30 °C

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

- with one entry for 2 cables and one entry for cable and tube
- inserts wired-through
- for vertical mounting
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 2gang, vertical, illuminated 230 V, for housing surface-mounted	1339 35 1 ..	651

IP55

Design	Order no.	PU
grey/light grey matt	4770 35 25	5
polar white matt	4770 35 22	1



New



SCHUKO socket outlet 2gang vertical with hinged cover surface-mounted

- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A
Operating temperature	-40 ... +30 °C

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

- with one entry for 2 cables and one entry for cable and tube
- inserts wired-through
- for vertical mounting
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 2gang, vertical, illuminated 230 V, for housing surface-mounted	1339 35 1 ..	651

IP55

Design	Order no.	PU
grey/light grey matt	★ 4770 35 55	5
polar white, matt, plastic	★ 4770 35 52	1





SCHUKO socket outlet 2gang vertical with hinged cover surface-mounted

- enhanced contact protection
- screw terminals



Rated voltage	250 V~
Rated current	16 A
Operating temperature	-40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- inserts wired-through
- with screw terminals

Suitable for optional	Order no.	Page
Frame 2gang, vertical, illuminated 230 V, for housing surface-mounted	1339 35 1 ..	651

IP55

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Design	Order no.	PU
grey/lightgrey matt	4770 35 65	5
polar white matt	4770 35 62	1



2gang SCHUKO socket outlet vertical with hinged cover surface-mounted

- labelling field



Rated voltage	250 V~
Rated current	16 A
Operating temperature	-40 ... +30 °C
Labelling field (W x H)	≈ 50 x 16 mm

- with one entry for 2 cables and one entry for cable and tube
- inserts wired-through
- for vertical mounting
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 2gang, vertical, illuminated 230 V, for housing surface-mounted	1339 35 1 ..	651

IP55

Labelling field height arranged for P-touch strips 12 mm.

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

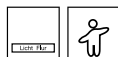
Design	Order no.	PU
grey/light grey matt	4770 35 35	5
polar white matt	4770 35 32	1



New

SCHUKO socket outlet 2gang vertical with hinged cover surface-mounted

- labelling field
- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A
Operating temperature	-40 ... +30 °C
Labelling field (W x H)	≈ 50 x 16 mm

- with one entry for 2 cables and one entry for cable and tube
- inserts wired-through
- for vertical mounting
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 2gang, vertical, illuminated 230 V, for housing surface-mounted	1339 35 1 ..	651

IP55

Labelling field height arranged for P-touch strips 12 mm.

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Design	Order no.	PU
grey/light grey, matt	★ 4770 35 45	5
polar white, matt	★ 4770 35 42	1





SCHUKO socket outlet 2gang horizontal with hinged cover surface-mounted

▶ 949

Rated voltage 250 V~
 Rated current 16 A
 Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- inserts wired-through
- for horizontal mounting
- with plug-in terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

The upper and lower entry for cables are laterally offset and therefore particularly suitable for mounting beside door frame or the like

IP55



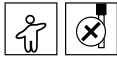
Design	Order no.	PU
grey/light grey matt, 2 cable entries	4784 35 15	5
polar white matt, 2 cable entries	4784 35 12	1



SCHUKO socket outlet 2gang horizontal with hinged cover surface-mounted

▶ 949

- enhanced contact protection
- screw terminals



Rated voltage 250 V~
 Rated current 16 A
 Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- inserts wired-through
- with screw terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

IP55



Design	Order no.	PU
grey/lightgrey matt, 2 cable entries	4784 35 45	5
polar white matt, 2 cable entries	4784 35 42	1



SCHUKO socket outlet 2gang horizontal with hinged cover surface-mounted

▶ 949

- enhanced contact protection



Rated voltage 250 V~
 Rated current 16 A
 Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- inserts wired-through
- for horizontal mounting
- with plug-in terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

The upper and lower entry for cables are laterally offset and therefore particularly suitable for mounting beside door frame or the like

IP55



Design	Order no.	PU
grey/light grey matt	★ 4784 35 35	5
polar white matt	★ 4784 35 32	1



SCHUKO socket outlet 2gang horizontal with hinged cover surface-mounted

▶ 949

Rated voltage 250 V~
 Rated current 16 A
 Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- 2 additional side cable entries
- inserts wired-through
- for horizontal mounting
- with plug-in terminals

As a result of the side cable entries specially suited for installation over workbenches.

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

IP55



Design	Order no.	PU
grey/light grey matt, 4 cable entries	4775 35 25	5
polar white matt, 4 cable entries	4775 35 22	1

New



SCHUKO socket outlet 2gang horizontal with hinged cover surface-mounted

▶ 949

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A
Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- 2 additional side cable entries
- inserts wired-through
- for horizontal mounting
- with plug-in terminals

As a result of the side cable entries specially suited for installation over workbenches.

IP55

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Design	Order no.	PU
grey/light grey matt ¹⁾	★ 4775 35 45	5
polar white matt ¹⁾	★ 4775 35 42	1

¹⁾the additional side cable entries make it particularly suitable e.g. for workbenches



SCHUKO socket outlet 2gang horizontal with hinged cover surface-mounted

▶ 949

- enhanced contact protection
- screw terminals



Rated voltage 250 V~
Rated current 16 A
Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- inserts wired-through
- with screw terminals

As a result of the side cable entries specially suited for installation over workbenches.

IP55

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Design	Order no.	PU
grey/lightgrey matt ¹⁾	4775 35 65	5
polar white matt ¹⁾	4775 35 62	1

¹⁾the additional side cable entries make it particularly suitable e.g. for workbenches



SCHUKO socket outlet 2gang horizontal with hinged cover surface-mounted

- labelling field



Rated voltage 250 V~
Rated current 16 A
Operating temperature -40 ... +30 °C
Labelling field (W x H) ≈ 50 x 16 mm

- with one entry for 2 cables and one entry for cable and tube
- inserts wired-through
- for horizontal mounting
- with plug-in terminals

Labelling field height arranged for P-touch strips 12 mm.

IP55

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

The upper and lower entry for cables are laterally offset and therefore particularly suitable for mounting beside door frame or the like

Design	Order no.	PU
grey/light grey matt	4775 35 35	5
polar white matt	4775 35 32	1





SCHUKO socket outlet 2gang horizontal with hinged cover surface-mounted

- labelling field
- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A
Operating temperature	-40 ... +30 °C
Labelling field (W x H)	≈ 50 x 16 mm

Labelling field height arranged for P-touch strips 12 mm.

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

The upper and lower entry for cables are laterally offset and therefore particularly suitable for mounting beside door frame or the like

- with one entry for 2 cables and one entry for cable and tube
- inserts wired-through
- for horizontal mounting
- with plug-in terminals

IP55



Design	Order no.	PU
grey/light grey matt	4775 35 55	5
polar white matt	4775 35 52	1



SCHUKO socket outlet 2gang horizontal with hinged cover surface-mounted

- labelling field
- lock - differing closures
- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A
Operating temperature	-40 ... +30 °C
Labelling field (W x H)	≈ 50 x 16 mm

Spare keys and other closures (max. 24) on request.

As a result of the side cable entries specially suited for installation over workbenches.

Labelling field height arranged for P-touch strips 12 mm.

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

The locks of an article do have identical lockings. When ordering several articles those do usually have differing lockings.

- e. g. for washing machine and drier
- with 4 even keys
- with one entry for 2 cables and one entry for cable and tube
- 2 additional side cable entries
- for horizontal mounting
- with plug-in terminals

IP55



Design	Order no.	PU
grey/light grey matt	4789 35 25	5
polar white matt	4789 35 22	1



SCHUKO socket outlet 3gang horizontal with hinged cover surface-mounted

Rated voltage	250 V~
Rated current	16 A
Operating temperature	-40 ... +30 °C

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

- with one entry for 2 cables and 2 entries for cable and tube
- inserts wired-through
- for horizontal mounting
- with plug-in terminals

IP55



Design	Order no.	PU
grey/light grey matt	4773 35 15	1
polar white matt	4773 35 12	1



SCHUKO socket outlet 3gang horizontal with hinged cover surface-mounted

▶ 949

- enhanced contact protection
- screw terminals



Rated voltage 250 V~
Rated current 16 A
Operating temperature -40 ... +30 °C

- with one entry for 2 cables and 2 entries for cable and tube
- inserts wired-through
- for horizontal mounting
- with screw terminals

IP55

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Design	Order no.	PU
grey/lightgrey matt	4773 35 25	1
polar white matt	4773 35 22	1



SCHUKO socket outlets with hinged cover for special applications



SCHUKO socket outlet with red hinged cover surface-mounted

Rated voltage 250 V~
Rated current 16 A
Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

IP55

Design	Order no.	PU
grey/light grey matt	4740 35 21	1



SCHUKO socket outlet with green hinged cover surface-mounted

Rated voltage 250 V~
Rated current 16 A
Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

IP55

Design	Order no.	PU
grey/light grey matt	4740 35 23	1



SCHUKO socket outlet with green hinged cover and imprinted symbol e-bike

Rated voltage 250 V~
Rated current 16 A
Operating temperature -40 ... +30 °C

- for charging of e-bikes
- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

IP55

Design	Order no.	PU
grey/light grey matt	4740 35 33	1





SCHUKO socket outlet with yellow hinged cover surface-mounted

Rated voltage 250 V~
Rated current 16 A
Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

IP55



Design	Order no.	PU
grey/light grey matt	4740 35 24	1



SCHUKO socket outlet with orange hinged cover surface-mounted

Rated voltage 250 V~
Rated current 16 A
Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

IP55



Design	Order no.	PU
grey/light grey matt	4740 35 27	1

International socket outlet systems

- full-surface sealing under the housing floor to seal the rear side, the rear cable entry and to cover unevennesses on the wall
- with hinged cover that falls back, manual clip-in for reaching the degree of protection IP55
- easily accessible, funnel-shaped mounting holes in the housings
- one Wago 2-wire connection terminal for wiring enclosed
- two clip-in places for Wago 2-wire connection terminals in the housing floor
- much space for wiring under the base of the inserts
- easy installation of the insert in the housing by clicking into place
- secure fastening of the frame on the housing by means of 2 quick-release locks
- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1



Socket outlet with earthing pin and hinged cover surface-mounted

▶ 949

- labelling field
- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A
Operating temperature -40 ... +30 °C
Labelling field (W x H) ≈ 50 x 16 mm

- 2pole + earth
- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

IP55

Labelling field height arranged for P-touch strips 12 mm.

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK



Design	Order no.	PU
grey/light grey matt	67 6881 35 25	10
polar white, matt, plastic	67 6881 35 22	1

Multiple socket outlets with earthing pin and hinged cover



Socket outlet with earthing pin 2gang horizontal with hinged cover surface-mounted

▶ 949

Rated voltage	250 V~	– 2pole + earth
Rated current	16 A	– with one entry for 2 cables and one entry for cable and tube
Operating temperature	-40 ... +30 °C	– with plug-in terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

IP55



Design	Order no.	PU
grey/light grey matt, 4 cable entries	67 6882 35 15	5
polar white, matt, plastic, 4 cable entries	67 6882 35 12	1

Switches/push-buttons

- full-surface sealing under the housing floor to seal the rear side, the rear cable entry and to cover unevennesses on the wall
- easily accessible, funnel-shaped mounting holes in the housings
- one Wago 2-wire connection terminal for wiring enclosed
- two clip-in places for Wago 2-wire connection terminals in the housing floor
- much space for wiring under the base of the inserts
- easy installation of the insert in the housing by clicking into place
- secure fastening of the frame on the housing by means of 2 quick-release locks

Rocker switches/rocker push-buttons



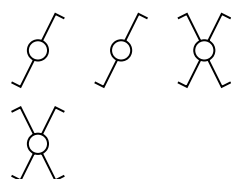
Change-over/intermediate switch surface-mounted

▶ 949

Rated voltage	250 V~	– with one entry for 2 cables and one entry for cable and tube
Switching current	10 AX	– with plug-in terminals
Operating temperature	-40 ... +30 °C	

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
replacement Rocker	61 3076 35 4 ..	639

IP55



Design	Order no.	PU
Change-over switch surface-mounted, grey/light grey matt	3076 35 05	10
Change-over switch surface-mounted, polar white matt	3076 35 02	1
Intermediate switch surface-mounted, grey/light grey matt	3077 35 05	10
Intermediate switch surface-mounted, polar white matt	3077 35 02	1



Illuminated change-over switch surface-mounted

▶ 873

- lens



Rated voltage	250 V~	– for illumination
Switching current	10 AX	– with blue 230 V LED unit
Operating temperature	-40 ... +30 °C	– with one entry for 2 cables and one entry for cable and tube
		– with N-terminal
		– with plug-in terminals

Suitable for optional	Order no.	Page
Lens with imprint		page 650
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
LED unit 230 V, for switches/push-buttons	1677 35 00	650
replacement LED unit 230 V, for switches/push-buttons	1688 35 00	651
Rocker	3086 35 4 ..	639

IP55



Design	Order no.	PU
grey/light grey matt	3076 35 25	10
polar white matt	3076 35 22	1



Control change-over switch surface-mounted

▶ 873

- lens



Rated voltage 250 V~
Switching current 10 AX
Operating temperature -40 ... +30 °C

- for monitoring circuit
- with **red** 230 V LED unit
- with one entry for 2 cables and one entry for cable and tube
- with N-terminal
- with plug-in terminals

IP55

Suitable for optional	Order no.	Page
Lens with imprint		page 650
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
LED unit 230 V, for switches/push-buttons	1688 35 00	651
replacement		
LED unit 230 V, for switches/push-buttons	1677 35 00	650
Rocker	3086 35 4 ..	639



Design	Order no.	PU
grey/light grey matt	3176 35 05	10
polar white matt	3176 35 02	1



Change-over switch surface-mounted

▶ 873

- labelling field - illuminated



Rated voltage 250 V~
Switching current 10 AX
Operating temperature -40 ... +30 °C
Labelling field (W x H) ≈ 50 x 16 mm

- for illumination
- with **blue** 230 V LED unit
- with one entry for 2 cables and one entry for cable and tube
- with N-terminal
- with plug-in terminals

IP55

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
LED unit 230 V, for switches/push-buttons	1677 35 00	650
replacement		
LED unit 230 V, for switches/push-buttons	1688 35 00	651
Rocker	3076 35 4 ..	639



Design	Order no.	PU
grey/light grey matt	3076 35 55	10
polar white matt	3076 35 52	1



Push-button, NO contact surface-mounted

▶ 874

Rated voltage 250 V~
Momentary-contact current 10 A
Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

IP55

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
replacement		
Rocker	61 3076 35 4 ..	639



Design	Order no.	PU
grey/light grey matt	5045 35 25	10
polar white, matt, plastic	5045 35 22	1



Push-button change-over contact, illuminated surface-mounted

▶ 874

- lens



Rated voltage 250 V~
Momentary-contact current 10 A
Operating temperature -40 ... +30 °C

- for illumination and monitoring circuit
- with **blue** 230 V LED unit
- with one entry for 2 cables and one entry for cable and tube
- with N-terminal
- with plug-in terminals

Suitable for optional	Order no.	Page
Lens with imprint		page 650
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
LED unit 230 V, for switches/push-buttons	1677 35 00	650
replacement		
LED unit 230 V, for switches/push-buttons	1688 35 00	651
Rocker	3086 35 4 ..	639

IP55



Design	Order no.	PU
grey/light grey matt	5076 35 05	10
polar white matt	5076 35 02	1

Surface-mounted
wet-room
installation



Push-button, change-over contact, surface-mounted

▶ 874

- labelling field - illuminated



Rated voltage 250 V~
Momentary-contact current 10 A
Operating temperature -40 ... +30 °C
Labelling field (W x H) ≈ 50 x 16 mm

- with **blue** 230 V LED unit
- with one entry for 2 cables and one entry for cable and tube
- with N-terminal
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
LED unit 230 V, for switches/push-buttons	1677 35 00	650
replacement		
LED unit 230 V, for switches/push-buttons	1688 35 00	651
Rocker	3076 35 4 ..	639

IP55

For labelling with name, information notice, etc.
Labelling field height arranged for P-touch strips 12 mm.
Labelling fields with imprinted symbol for light, bell and door opener enclosed



Design	Order no.	PU
grey/light grey matt	5076 35 55	10
polar white matt	5076 35 52	1

Multi-pole rocker switches



On/off switch 2pole with imprint "0" and "I" surface-mounted

Rated voltage 250 V~
Switching current 10 AX
Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- with mechanical encoding of rocker mount, that allows only one correct positioning of the rocker on the insert
- with N-terminal
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
replacement		
Rocker with imprint "0 - 1"	3042 35 4 ..	640

IP55



Design	Order no.	PU
grey/light grey matt	3072 35 05	10
polar white matt	3072 35 02	1



Surface-mounted double change-over switch with rocker, isolated input terminals

Rated voltage 250 V~
Switching current 10 AX
Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
replacement		
Rocker	61 3076 35 4 ..	639

IP55



Design	Order no.	PU
grey/light grey matt	3048 35 25	10
polar white, matt, plastic	3048 35 22	1

Combination rocker switches/rocker push-buttons



Series switch surface-mounted

Rated voltage 250 V~
Switching current 10 AX
Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
replacement		
Rocker 2gang	3055 35 4 ..	641

IP55



Design	Order no.	PU
grey/light grey matt	3075 35 05	10
polar white matt	3075 35 02	1



Series push-button, 2 change-over contacts surface-mounted, isolated input terminals

Rated voltage 250 V~
Momentary-contact current 10 A
Operating temperature -40 ... +30 °C

- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
replacement		
Rocker 2gang	3055 35 4 ..	641

IP55



Design	Order no.	PU
grey/light grey matt	5075 35 15	10
polar white matt	5075 35 12	1

Key switches



Key switch with imprint surface-mounted, isolated input terminals

- lock - differing closures
- key can be removed in 2 positions

Rated voltage 240 V~
Switching current 10 A (AC-1)
Operating temperature -40 ... +30 °C

- with imprint for ON/OFF
- for master-key systems
- with 2 keys
- with one entry for 2 cables and one entry for cable and tube
- for wiring as off- or change-over switch
- with screw terminals



Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

IP55



Design	Order no.	PU
grey/light grey matt	3271 35 05	1
polar white matt	3271 35 02	1

Combinations

- full-surface sealing under the housing floor to seal the rear side, the rear cable entry and to cover unevennesses on the wall
- socket outlet with hinged cover that falls back, manual clip-in for reaching the degree of protection IP55
- easily accessible, funnel-shaped mounting holes in the housings
- one Wago 2-wire connection terminal for wiring enclosed
- two clip-in places for Wago 2-wire connection terminals in the housing floor
- much space for wiring under the base of the inserts
- easy installation of the insert in the housing by clicking into place
- secure fastening of the frame on the housing by means of 2 quick-release locks

Surface-mounted
wet-room
installation



Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted

▶ 949

Rated voltage	250 V~	- for vertical mounting
Rated current	16 A	- change-over switch and socket outlet connectable separately
Switching current	10 AX	- with one entry for 2 cables and one entry for cable and tube
Operating temperature	-40 ... +30 °C	- with plug-in terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Suitable for optional	Order no.	Page
Frame 2gang, vertical, illuminated 230 V, for housing surface-mounted	1339 35 1 ..	651
replacement		
Rocker	61 3076 35 4 ..	639

IP55



Design	Order no.	PU
grey/light grey matt	4780 35 15	5
polar white matt	4780 35 12	1



Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted

▶ 949

- enhanced contact protection



Rated voltage	250 V~	- for vertical mounting
Rated current	16 A	- change-over switch and socket outlet connectable separately
Switching current	10 AX	- with one entry for 2 cables and one entry for cable and tube
Operating temperature	-40 ... +30 °C	- with plug-in terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Enhanced contact protection (child protection) according to IEC 60884-1

Suitable for optional	Order no.	Page
Frame 2gang, vertical, illuminated 230 V, for housing surface-mounted	1339 35 1 ..	651
replacement		
Rocker	61 3076 35 45	639

IP55



Design	Order no.	PU
grey/light grey matt	★ 4780 35 25	5
polar white matt	★ 4780 35 22	1



Combination series switch/SCHUKO socket outlet with hinged cover surface-mounted

Rated voltage	250 V~	- for vertical mounting
Rated current	16 A	- series switch and socket outlet connectable separately
Switching current	10 AX	- with one entry for 2 cables and one entry for cable and tube
Operating temperature	-40 ... +30 °C	- with plug-in terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Suitable for optional	Order no.	Page
Frame 2gang, vertical, illuminated 230 V, for housing surface-mounted	1339 35 1 ..	651
replacement		
Rocker 2gang	3055 35 4 ..	641

IP55



Design	Order no.	PU
grey/light grey matt	4790 35 15	5
polar white matt	4790 35 12	1



Combination series switch/SCHUKO socket outlet with hinged cover surface-mounted

- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A
Switching current	10 AX
Operating temperature	-40 ... +30 °C

- for vertical mounting
- series switch and socket outlet connectable separately
- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 2gang, vertical, illuminated 230 V, for housing surface-mounted	1339 35 1 ..	651
replacement Rocker 2gang	3055 35 45	641

IP55

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK
Enhanced contact protection (child protection) according to IEC 60884-1



Design	Order no.	PU
grey/light grey matt	★ 4790 35 25	5
polar white matt	★ 4790 35 22	1

Timers

- full-surface sealing under the housing floor to seal the rear side, the rear cable entry and to cover unevennesses on the wall
- socket outlet with hinged cover that falls back, manual clip-in for reaching the degree of protection IP55
- easily accessible, funnel-shaped mounting holes in the housings
- one Wago 2-wire connection terminal for wiring enclosed
- two clip-in places for Wago 2-wire connection terminals in the housing floor
- much space for wiring under the base of the inserts
- easy installation of the insert in the housing by clicking into place
- secure fastening of the frame on the housing by means of 2 quick-release locks



Mechanical timer 15 min surface-mounted

- setting knob



Rated voltage	250 V~
Switching current	10 AX
Teachable running time	25 s ... 15 min
Operating temperature	-40 ... +30 °C
Dimensions (W x H x D)	76 x 76 x 75 mm

- for illumination
- with imprint
- NO contact
- with cable entry at top and bottom
- with screw terminals

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

IP55

Housing screws made of stainless steel.
Not suitable for 2- or 3gang combinations!

Design	Order no.	PU
grey/light grey matt	4227 35 15	1
polar white matt	4227 35 12	1

Switches for heating systems

- full-surface sealing under the housing floor to seal the rear side, the rear cable entry and to cover unevennesses on the wall
- easily accessible, funnel-shaped mounting holes in the housings
- one Wago 2-wire connection terminal for wiring enclosed
- two clip-in places for Wago 2-wire connection terminals in the housing floor
- much space for wiring under the base of the inserts
- easy installation of the insert in the housing by clicking into place
- secure fastening of the frame on the housing by means of 2 quick-release locks

Surface-mounted
wet-room
installation



Control change-over switch with imprint "Heizung" surface-mounted

▶ 873

- lens



Rated voltage 250 V~
Switching current 10 A
Operating temperature -40 ... +30 °C

- for monitoring circuit
- with **blue** 230 V LED unit
- with one entry for 2 cables and one entry for cable and tube
- with N-terminal
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
LED unit 230 V, for switches/push-buttons	1677 35 00	650
replacement LED unit 230 V, for switches/push-buttons	1688 35 00	651

IP55



Design	Order no.	PU
grey/light grey matt	3566 35 05	1
polar white matt	3566 35 02	1



Control on/off switch 2pole with imprint "Heizung - 0 - I" surface-mounted

▶ 874

- lens



Rated voltage 250 V~
Switching current 10 A
Operating temperature -40 ... +30 °C

- for monitoring circuit
- with **red** 230 V LED unit
- with one entry for 2 cables and one entry for cable and tube
- with mechanical encoding of rocker mount, that allows only one correct positioning of the rocker on the insert
- with plug-in terminals

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
LED unit 230 V, for switches/push-buttons	1677 35 00	650

IP55



Design	Order no.	PU
grey/light grey matt	3562 35 05	1
polar white matt	3562 35 02	1

Switches/push-buttons for blinds

- full-surface sealing under the housing floor to seal the rear side, the rear cable entry and to cover unevennesses on the wall
- easily accessible, funnel-shaped mounting holes in the housings
- one Wago 2-wire connection terminal for wiring enclosed
- two clip-in places for Wago 2-wire connection terminals in the housing floor
- much space for wiring under the base of the inserts
- easy installation of the insert in the housing by clicking into place
- secure fastening of the frame on the housing by means of 2 quick-release locks



Blind series switch 1pole with imprinted symbol arrow surface-mounted

Rated voltage 250 V~
Switching current 10 A
Operating temperature -40 ... +30 °C

Follow the motor manufacturers' instructions.

- with mechanical and electrical interlocking to prevent mutual switch on
- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

IP55

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
replacement		
Rocker 2gang with imprinted arrow symbol	3075 35 3 ..	644
Rocker 2gang with imprinted arrow symbol	3065 35 6 ..	641



Design	Order no.	PU
grey/light grey matt	3075 35 25	1
polar white matt	3075 35 22	1



Blind series push-button with imprinted symbol arrow surface-mounted

Rated voltage 250 V~
Momentary-contact current 10 A
Operating temperature -40 ... +30 °C

Follow the motor manufacturers' instructions.

- with mechanical and electrical interlocking to prevent mutual activation
- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals

IP55

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651
replacement		
Rocker 2gang with imprinted arrow symbol	3075 35 3 ..	644
Rocker 2gang with imprinted arrow symbol	3065 35 6 ..	641



Design	Order no.	PU
grey/light grey matt	5075 35 35	10
polar white, matt, plastic	5075 35 32	1



Key switch for blinds with imprint surface-mounted, isolated input terminals

- lock - differing closures
- Key can be removed in 3 positions



Rated voltage 240 V~
Switching current 10 A (AC-1)
Operating temperature -40 ... +30 °C

- with imprint for ON/OFF/DOWN
- for e. g. garage doors
- with 2 keys
- with one entry for 2 cables and one entry for cable and tube
- with screw terminals

IP55

Suitable for optional	Order no.	Page
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651



Design	Order no.	PU
grey/light grey matt	3272 35 15	1
polar white matt	3272 35 12	1

Communication/multimedia technology

- full-surface sealing under the housing floor to seal the rear side, the rear cable entry and to cover unevennesses on the wall
- with transparent, hinged cover that falls back, manual clip-in for reaching the degree of protection IP55
- easily accessible, funnel-shaped mounting holes in the housings
- easy installation of the insert in the frame with hinged cover by clicking into place
- secure fastening of the frame with hinged cover on the housing by means of 2 quick-release locks

FCC socket outlets



FCC socket outlet 8pole shielded with hinged cover surface-mounted, cat.6

▶ 887

- labelling field



Transmission bandwidth max. 250 MHz
Operating temperature -40 ... +30 °C

- for RJ11, RJ12 and RJ45 plugs
- with self-closing dust protection cover before jack
- suitable for PoE+
- with one entry for 2 cables and one entry for cable and tube
- with screen contacting 360° and strain relief
- with cutting terminals

IP55

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK
Colour code A and B according to TIA/EIA-568-B.2
Cat.6/class E according to ISO/IEC 11801, 2nd edition
Design to according to DIN EN 60603-7-5



Design	Order no.	PU
grey/light grey matt	1409 35 05	1
polar white matt	1409 35 02	1

Aerial sockets



Aerial socket, 2hole with hinged cover surface-mounted, single socket

▶ 888

Wave impedance 75 Ω
Operating temperature -40 ... +30 °C

- for digital and analogue transmission
- for terrestrial reception
- with one entry for 2 cables and one entry for cable and tube
- with screw terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK
DIN EN 50083-2

IP55



Design	Order no.	PU
grey/light grey matt	1203 35 15	1
polar white matt	1203 35 12	1



Aerial socket, 2hole with hinged cover surface-mounted, throughpass socket

▶ 890

attenuation 10 dB
Operating temperature -40 ... +30 °C

- for digital and analogue transmission
- for terrestrial reception
- with one entry for 2 cables and one entry for cable and tube
- with screw terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK
DIN EN 50083-2

IP55



Design	Order no.	PU
grey/light grey matt	1203 35 25	1
polar white matt	1203 35 22	1

Surface-mounted
wet-room
installation



Aerial socket, 3hole with hinged cover surface-mounted, single socket

▶ 890

Broadband technology	4 ... 2400 MHz	– for digital and analogue transmission
Wave impedance	75 Ω	– for terrestrial and SAT reception
Operating temperature	-40 ... +30 °C	– with one entry for 2 cables and one entry for cable and tube
		– with screw terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK
DIN EN 50083-2

IP55



Design	Order no.	PU
grey/light grey matt	1203 35 35	1
polar white matt	1203 35 32	1

Audio socket outlets



Loudspeaker connector box with hinged cover surface-mounted

- labelling field



- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals on both sides

Conductor cross-section	max. 2.5 mm ²
Operating temperature	-40 ... +30 °C

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

IP55



Design	Order no.	PU
grey/light grey matt	1196 35 05	1
polar white matt	1196 35 02	1



Stereo loudspeaker connector box with hinged cover surface-mounted

- labelling fields



- with one entry for 2 cables and one entry for cable and tube
- with plug-in terminals on both sides

Conductor cross-section	max. 2.5 mm ²
Operating temperature	-40 ... +30 °C

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

IP55



Design	Order no.	PU
grey/light grey matt	1196 35 15	1
polar white matt	1196 35 12	1

Supplementary products

- full-surface sealing under the housing floor to seal the rear side, the rear cable entry and to cover unevennesses on the wall
- easily accessible, funnel-shaped mounting holes in the housings
- easy installation of the insert in the housing by clicking into place
- secure fastening of the frame on the housing by means of 2 quick-release locks



Blind plug surface-mounted

- with one entry for 2 cables and one entry for cable and tube

IP55



Design	Order no.	PU
grey/light grey matt	4290 35 15	10
polar white, matt, plastic	4290 35 12	1



Cable outlet surface-mounted

- for cables Ø max. 12 mm

IP55



Design	Order no.	PU
grey/light grey matt	4256 35 25	1
polar white, matt, plastic	4256 35 22	1

Modular system

- Inserts will only reach the degree of protection IP55 if mounted with a housing surface mounted or frame for flush-mounted installation of the Berker W.1 product line

Socket outlet-inserts

- with hinged cover that falls back, manual clip-in for reaching the degree of protection IP55
- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1



SCHUKO socket outlet insert with hinged cover surface-mounted/flush-mounted

Rated voltage	250 V~	– for surface-mounted housings or frames for flush-mounted installation
Rated current	16 A	– with plug-in terminals
Operating temperature	-40 ... +30 °C	

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648



Design	Order no.	PU
grey matt	4706 35 25	10
polar white, matt, plastic	4706 35 22	1



SCHUKO socket outlet insert with hinged cover surface-mounted/flush-mounted

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A
Operating temperature -40 ... +30 °C

- for surface-mounted housings or frames for flush-mounted installation
- with plug-in terminals

Suitable for
Frame for flush-mounted installation
Housing surface-mounted

Order no. **Page**
page 647
page 648

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK



Design	Order no.	PU
grey matt	4706 35 15	10
polar white matt	4706 35 12	1



SCHUKO socket outlet insert with hinged cover surface-mounted/flush-mounted

- enhanced contact protection
- screw terminals



Rated voltage 250 V~
Rated current 16 A
Operating temperature -40 ... +30 °C

- for surface-mounted housings or frames for flush-mounted installation
- with screw terminals

Suitable for
Frame for flush-mounted installation
Housing surface-mounted

Order no. **Page**
page 647
page 648

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

Design	Order no.	PU
grey matt	4706 35 35	10
polar white matt	4706 35 32	1



Socket outlet insert with earthing pin and hinged cover surface-mounted/flush-mounted

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A
Operating temperature -40 ... +30 °C

- 2pole + earth
- for surface-mounted housings or frames for flush-mounted installation
- with plug-in terminals

Suitable for
Frame for flush-mounted installation
Housing surface-mounted

Order no. **Page**
page 647
page 648

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK



Design	Order no.	PU
grey matt	67 6880 35 15	10
polar white matt	67 6880 35 12	1

Switch/push-button inserts



Change-over/intermediate switch insert surface-mounted/flush-mounted

Rated voltage 250 V~ – for surface-mounted housings or frames for flush-mounted installation
 Switching current 10 AX – with plug-in terminals
 Operating temperature -40 ... +30 °C

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648
replacement		
Rocker	61 3076 35 4 ..	639

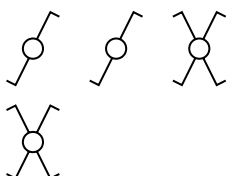
Design	Order no.	PU
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Change-over switch insert with rocker surface-mounted/flush-mounted, grey matt	61 3076 35 15	10
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Change-over switch insert with rocker surface-mounted/flush-mounted, polar white matt	61 3076 35 12	1
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Intermediate switch insert with rocker surface-mounted/flush-mounted, grey matt	61 3077 35 15	10
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Intermediate switch insert with rocker surface-mounted/flush-mounted, polar white matt	61 3077 35 12	1
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Surface-mounted
wet-room
installation



Illuminated change-over switch insert with rocker surface-mounted/flush-mounted

▶ 873

- lens



Rated voltage 250 V~
 Switching current 10 AX
 Operating temperature -40 ... +30 °C

- for illumination
- with **blue** 230 V LED unit
- for surface-mounted housings or frames for flush-mounted installation
- with N-terminal
- with plug-in terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648
optional		
Lens with imprint		page 650
LED unit 230 V, for switches/push-buttons	1677 35 00	650
replacement		
LED unit 230 V, for switches/push-buttons	1688 35 00	651
Rocker	3086 35 4 ..	639

Design	Order no.	PU
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grey matt	3086 35 25	10
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polar white matt	3086 35 22	1
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Control change-over switch insert, rocker surface-mounted/flush-mounted

▶ 873

- lens



Rated voltage 250 V~
 Switching current 10 AX
 Operating temperature -40 ... +30 °C

- for monitoring circuit
- with **red** 230 V LED unit
- for surface-mounted housings or frames for flush-mounted installation
- with N-terminal
- with plug-in terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648
optional		
Lens with imprint		page 650
LED unit 230 V, for switches/push-buttons	1688 35 00	651
replacement		
LED unit 230 V, for switches/push-buttons	1677 35 00	650
Rocker	3086 35 4 ..	639

Design	Order no.	PU
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grey matt	3086 35 15	10
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polar white matt	3086 35 12	1
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Change-over switch insert with rocker surface-mounted/flush-mounted

▶ 873

- labelling field - illuminated



Rated voltage	250 V~
Switching current	10 AX
Operating temperature	-40 ... +30 °C
Labelling field (W x H)	≈ 50 x 16 mm

For labelling with name, information notice, etc.
Labelling field height arranged for P-touch strips 12 mm.

- for illumination
- with **blue** 230 V LED unit
- for surface-mounted housings or frames for flush-mounted installation
- with N-terminal
- with plug-in terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648
optional		
LED unit 230 V, for switches/push-buttons	1677 35 00	650
replacement		
LED unit 230 V, for switches/push-buttons	1688 35 00	651
Rocker	3076 35 4 ..	639

Design	Order no.	PU
grey matt	3086 35 35	1
polar white matt	3086 35 32	1



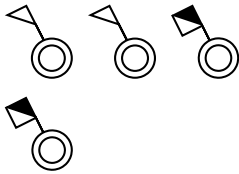
Push-button insert with rocker, surface-mounted/flush-mounted

Rated voltage	250 V~
Momentary-contact current	10 A
Operating temperature	-40 ... +30 °C

- for surface-mounted housings or frames for flush-mounted installation
- with plug-in terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648
replacement		
Rocker	61 3076 35 4 ..	639

Design	Order no.	PU
Push-button insert, NO contact with rocker surface-mounted/flush-mounted, grey matt	5045 35 15	10
Push-button insert, NO contact with rocker surface-mounted/flush-mounted, polar white matt	5045 35 12	1
Push-button insert, change-over contact with rocker surface-mounted/flush-mounted, grey matt	5046 35 15	10
Push-button insert, change-over contact with rocker surface-mounted/flush-mounted, polar white matt	5046 35 12	1



Push-button insert, change-over contact, illuminated surface-mounted/flush-mounted

▶ 874

- lens



Rated voltage	250 V~
Momentary-contact current	10 A
Operating temperature	-40 ... +30 °C

- for illumination and monitoring circuit
- with **blue** 230 V LED unit
- for surface-mounted housings or frames for flush-mounted installation
- with N-terminal
- with plug-in terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648
optional		
Lens with imprint		page 650
LED unit 230 V, for switches/push-buttons	1677 35 00	650
replacement		
LED unit 230 V, for switches/push-buttons	1688 35 00	651
Rocker	3086 35 4 ..	639

Design	Order no.	PU
grey matt	5046 35 25	10
polar white matt	5046 35 22	1





Push-button insert, NO contact with rocker surface-mounted/flush-mounted

- labelling field - illuminated



Rated voltage	250 V~
Momentary-contact current	10 A
Operating temperature	-40 ... +30 °C
Labelling field (W x H)	≈ 50 x 16 mm

For labelling with name, information notice, etc.
Labelling field height arranged for P-touch strips 12 mm.

- with **blue** 230 V LED unit
- for surface-mounted housings or frames for flush-mounted installation
- with N-terminal
- with plug-in terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648
optional		
LED unit 230 V, for switches/push-buttons	1677 35 00	650
replacement		
LED unit 230 V, for switches/push-buttons	1688 35 00	651
Rocker	3076 35 4 ..	639

Design	Order no.	PU
grey matt	5041 35 15	10
polar white matt	5041 35 12	1



Rocker

- with sealing membrane
- for change-over/intermediate switch
- for rocker push-buttons
- also for KNX applications: push-button module 1gang and group push-button 1gang - order no. 8014 1x 00

Design	Order no.	PU
grey matt	61 3076 35 45	10
polar white matt	61 3076 35 42	10



Rocker

- lens



Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

- for illumination and monitoring circuit
- with sealing membrane
- for change-over/intermediate switch
- for illuminated rocker push-buttons
- also for KNX applications: push-button module 1gang and group push-button 1gang - order no. 8014 1x 00

Suitable for	Order no.	Page
optional		
Lens with imprint		page 650

Design	Order no.	PU
grey matt	3086 35 45	10
polar white matt	3086 35 42	10



Rocker

- labelling field



- for illumination
- with sealing membrane
- for change-over/intermediate switch
- for rocker push-buttons
- also for KNX applications: push-button module 1gang and group push-button 1gang - order no. 8014 1x 00

Design	Order no.	PU
grey matt	3076 35 45	10
polar white matt	3076 35 42	10

Multi-pole switch inserts



On/off switch insert 2pole with rocker and imprint "0 - 1" surface-mounted/flush-mounted

Rated voltage	250 V~	– for surface-mounted housings or frames for flush-mounted installation
Switching current	10 AX	– with mechanical encoding of rocker mount, that allows only one correct positioning of the rocker on the insert
Operating temperature	-40 ... +30 °C	– with N-terminal
		– with plug-in terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted replacement		page 648
Rocker with imprint "0 - 1"	3042 35 4 ..	640



Design	Order no.	PU
grey matt	3042 35 15	10
polar white matt	3042 35 12	1



Double change-over switch insert with rocker surface-mounted/flush-mounted, isolated input terminals

Rated voltage	250 V~	– for surface-mounted housings or frames for flush-mounted installation
Switching current	10 AX	– with plug-in terminals
Operating temperature	-40 ... +30 °C	

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted replacement		page 648
Rocker	61 3076 35 4 ..	639



Design	Order no.	PU
grey matt	3048 35 35	1
polar white, matt, plastic	3048 35 32	1



Rocker with imprint "0 - 1"

- with sealing membrane
- for multi-pole rocker switches
- also for KNX applications: group push-button module, 1gang - order no. 8014 13 00

Design	Order no.	PU
grey matt	3042 35 45	10
polar white matt	3042 35 42	10



Rocker

- with sealing membrane
- for change-over/intermediate switch
- for rocker push-buttons
- also for KNX applications: push-button module 1gang and group push-button 1gang - order no. 8014 1x 00

Design	Order no.	PU
grey matt	61 3076 35 45	10
polar white matt	61 3076 35 42	10

Multiple switch/push-button inserts



Series switch insert with rocker 2gang surface-mounted/flush-mounted, common input terminal

Rated voltage	250 V~	– for surface-mounted housings or frames for flush-mounted installation
Switching current	10 AX	– with plug-in terminals
Operating temperature	-40 ... +30 °C	

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted replacement		page 648
Rocker 2gang	3055 35 4 ..	641



Design	Order no.	PU
grey matt	3055 35 15	10
polar white matt	3055 35 12	1



Double change-over switch insert with rocker 2gang surface-mounted/flush-mounted, isolated input terminals

Rated voltage 250 V~
Switching current 10 AX
Operating temperature -40 ... +30 °C

- for surface-mounted housings or frames for flush-mounted installation
- with plug-in terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted replacement		page 648
Rocker 2gang	3055 35 4 ..	641

Design	Order no.	PU
grey matt	3048 35 15	10
polar white matt	3048 35 12	1



Surface-mounted
wet-room
installation



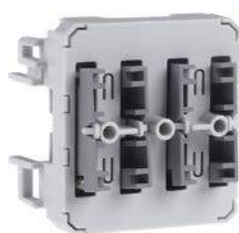
Series push-button insert, 2 NO contacts with rocker 2gang surface-mounted/flush-mounted common input terminal

Rated voltage 250 V~
Momentary-contact current 10 A
Operating temperature -40 ... +30 °C

- for surface-mounted housings or frames for flush-mounted installation
- with plug-in terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted replacement		page 648
Rocker 2gang	3055 35 4 ..	641

Design	Order no.	PU
grey matt	5042 35 15	10
polar white matt	5042 35 12	1



Series push-button module up to 48 V AC/DC

Input voltage 24 ... 48 V=
Rated current max. 50 mA
Momentary-contact current 50 mA
Operating temperature -40 ... +30 °C

- 2 NO contacts, separate input terminals
- for surface-mounted housings or frames for flush-mounted installation
- for rigid and flexible conductors (without conductor sleeve)
- for connection of e.g. PLC controls
- with plug-in terminals

Note:
Remove conductors by gently pushing on the actuation push-pieces
Degree of protection IP55 by installation into W.1 surface-mounted/flush-mounted housings and mounted rocker

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648
Rocker 2gang	3055 35 4 ..	641
Rocker 2gang with imprinted arrow symbol	3065 35 6 ..	641

Design	Order no.	PU
grey/light grey glossy/matt	8014 16 00	1



Rocker 2gang

- with sealing membrane
- also for KNX applications: push-button module 2gang and group push-button 2gang - order no. 8014 1x 00
- for rockers switches
- for rockers push-buttons

Design	Order no.	PU
grey matt	3055 35 45	10
polar white matt	3055 35 42	10



Rocker 2gang with imprinted arrow symbol

- with sealing membrane
- also for KNX applications: push-button module, 2gang - order no. 8014 14 00
- for blind series switch/push-button

Design	Order no.	PU
grey matt	3065 35 65	10
polar white matt	3065 35 62	10

Timer-inserts



Insert for mechanical timer 15 min surface-mounted/flush-mounted

- **setting knob**



Rated voltage	250 V~
Switching current	10 AX
Teachable running time	25 s ... 15 min
Operating temperature	-40 ... +30 °C
Dimensions (W x H x D)	70.3 x 70.3 x 62 mm

- for illumination
- with imprint
- NO contact
- with screw terminals

Suitable for
Frame for flush-mounted installation
Housing surface-mounted

Order no.	Page
	page 647
	page 648

Housing screws made of stainless steel.
Not suitable for 2- or 3gang combinations!

Design	Order no.	PU
grey matt	4227 35 25	1
polar white matt	4227 35 22	1

EMERGENCY STOP button inserts



SAFETY EMERGENCY push-button insert, NC contact + NO contact surface-mounted/flush-mounted

Rated voltage	240 V~/440 V~
Switching current	10 AX
Operating temperature	-40 ... +30 °C

- for surface-mounted housings or frames for flush-mounted installation
- unlocking by 1/4 rotation
- with screw terminals

Suitable for
Frame for flush-mounted installation
Housing surface-mounted

Order no.	Page
	page 647
	page 648

Design	Order no.	PU
grey matt	4471 35 12	1



SAFETY EMERGENCY push-button insert, NC contact + NO contact surface-mounted/flush-mounted

- **lock - even closings**



Rated voltage	240 V~/440 V~
Switching current	10 AX
Operating temperature	-40 ... +30 °C

- with 2 keys
- for surface-mounted housings or frames for flush-mounted installation
- unlocking by 1/4 rotation
- with screw terminals

Suitable for
Frame for flush-mounted installation
Housing surface-mounted

Order no.	Page
	page 647
	page 648

Design	Order no.	PU
grey matt	4471 35 15	1

LED signal light inserts



Insert of LED signal light, white lighting surface-mounted/flush-mounted

Rated voltage	230 V~
Frequency	50/60 Hz
Power consumption	at 230 V~, 50 Hz - max. 1 W
Operating temperature	-40 ... +30 °C

- for signalling of e.g. toilets, stairwells or lifts
- brightness continuously adjustable on insert via potentiometer
- for surface-mounted housings or frames for flush-mounted installation
- with cutting terminals

Suitable for
Frame for flush-mounted installation
Housing surface-mounted
optional
Foil for LED signal light insert

Order no.	Page
	page 647
	page 648
	page 643

Design	Order no.	PU
grey matt	5173 35 25	1





Insert of LED signal light, blue lighting surface-mounted/flush-mounted

Rated voltage	230 V~	– for signalling of e.g. toilets, stairwells or lifts
Frequency	50/60 Hz	– brightness continuously adjustable on insert via potentiometer
Operating temperature	-40 ... +30 °C	– for surface-mounted housings or frames for flush-mounted installation
		– with cutting terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648
optional		
Foil for LED signal light insert		page 643



Design	Order no.	PU
grey matt	5173 35 35	1



Foil for LED signal light insert

The imprinted symbol is not visible in switched off state of the signal light.

Suitable for	Order no.	Page
Insert of LED signal light, white lighting surface-mounted/flush-mounted	5173 35 25	642
Insert of LED signal light, blue lighting surface-mounted/flush-mounted	5173 35 35	643

Design	Order no.	PU
with imprinted symbol for man	1905 80 01	1
with imprinted symbol for woman	1905 80 02	1
with imprinted symbol for wheelchair	1905 80 03	1
with imprinted symbol for stairs	1905 80 04	1
with imprinted symbol for elevator	1905 80 05	1



Insert of LED signal light, red/green lighting surface-mounted/flush-mounted

Rated voltage	230 V~	– for signalling of e.g. surgeries, conference rooms or hotel rooms
Frequency	50/60 Hz	– homogenous illumination of the separately switchable red and green halves via isolated input terminals
Power consumption	at 230 V~, 50 Hz - per colour max. 0.5 W	– for surface-mounted housings or frames for flush-mounted installation
Operating temperature	-40 ... +30 °C	– with cutting terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648
optional		
Foil bi-colour for LED signal light insert		page 643



Design	Order no.	PU
grey matt	5173 35 15	1



Foil bi-colour for LED signal light insert

The imprinted symbol is not visible in switched off state of the signal light.

Suitable for	Order no.	Page
Insert of LED signal light, red/green lighting surface-mounted/flush-mounted	5173 35 15	643

Design	Order no.	PU
with imprinted symbol for Do not disturb/Make up room	1905 80 11	1
with imprinted symbol for Wait/Enter	1905 80 12	1

Switch/push-button for blinds-inserts



Blind series switch insert 1 pole with rocker 2gang and imprinted symbol arrow surface-mounted/flush-mounted

Rated voltage 250 V~
Switching current 10 AX
Operating temperature -40 ... +30 °C

- with mechanical and electrical interlocking to prevent mutual switch on
- for surface-mounted housings or frames for flush-mounted installation
- with plug-in terminals

Follow the motor manufacturers' instructions.

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648
replacement		
Rocker 2gang with imprinted arrow symbol	3065 35 6 ..	641
Rocker 2gang with imprinted arrow symbol	3075 35 3 ..	644



Design	Order no.	PU
grey matt	3065 35 15	10
polar white matt	3065 35 12	1



Blind series push-button insert with rocker 2gang and imprinted symbol arrow surface-mounted/flush-mounted

Rated voltage 250 V~
Momentary-contact current 10 A
Operating temperature -40 ... +30 °C

- with mechanical and electrical interlocking to prevent mutual activation
- for surface-mounted housings or frames for flush-mounted installation
- with plug-in terminals

Follow the motor manufacturers' instructions.

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648
replacement		
Rocker 2gang with imprinted arrow symbol	3075 35 3 ..	644
Rocker 2gang with imprinted arrow symbol	3065 35 6 ..	641



Design	Order no.	PU
grey matt	5055 35 25	1
polar white, matt, plastic	5055 35 22	1



Rocker 2gang with imprinted arrow symbol

- for blind series switch/push-button

Design	Order no.	PU
grey matt	3075 35 35	1
polar white, matt, plastic	3075 35 32	1

Communication/multimedia technology-inserts



FCC socket outlet insert 8pole shielded with hinged cover surface-mounted/flush-mounted, cat.6

- labelling field



Transmission bandwidth max. 250 MHz
Operating temperature -40 ... +30 °C

- for surface-mounted housings or frames for flush-mounted installation
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with straight outlet
- with transparent hinged cover
- with self-closing dust protection cover before jack
- with screen contacting 360° and strain relief
- with cutting terminals

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK
Colour code A and B according to TIA/EIA-568-B.2
Cat.6/class E according to ISO/IEC 11801, 2nd edition
Design to according to DIN EN 60603-7-5

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648



Design	Order no.	PU
grey matt	1409 35 15	1
polar white, matt, plastic	1409 35 12	1



FCC socket outlet insert 8/8pole shielded with hinged cover surface-mounted/flush-mounted, cat.6

- labelling field



Transmission bandwidth max. 250 MHz
Operating temperature -40 ... +30 °C

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK
Colour code A and B according to TIA/EIA-568-B.2
Cat.6/class E according to ISO/IEC 11801, 2nd edition

- for surface-mounted housings or frames for flush-mounted installation
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with straight outlet
- with transparent hinged cover
- with self-closing dust protection cover before jack
- with screen contacting 360° and strain relief
- with cutting terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648

Design	Order no.	PU
grey matt	1410 35 05	1
polar white, matt, plastic	1410 35 02	1



Aerial sockets insert 2hole with hinged cover surface-mounted, single socket

Wave impedance 75 Ω
Operating temperature -40 ... +30 °C

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

- for digital and analogue transmission
- for terrestrial reception
- for surface-mounted housings or frames for flush-mounted installation
- with transparent hinged cover
- with screw terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648

Design	Order no.	PU
grey matt	1203 35 45	1
polar white, matt, plastic	1203 35 42	1



Aerial sockets insert 2hole with hinged cover surface-mounted, throughpass socket

Operating temperature -40 ... +30 °C
attenuation 10 dB

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

- for digital and analogue transmission
- for terrestrial reception
- for surface-mounted housings or frames for flush-mounted installation
- with transparent hinged cover
- with screw terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648

Design	Order no.	PU
grey matt	1203 35 55	1
polar white, matt, plastic	1203 35 52	1



Aerial sockets insert 3hole with hinged cover surface-mounted, single socket

Wave impedance 75 Ω
Operating temperature -40 ... +30 °C

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

- for digital and analogue transmission
- for terrestrial and SAT reception
- for surface-mounted housings or frames for flush-mounted installation
- with transparent hinged cover
- with screw terminals

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648

Design	Order no.	PU
grey matt	1203 35 65	1
polar white, matt, plastic	1203 35 62	1





Loudspeaker connection boxes-insert with hinged cover surface-mounted/flush-mounted

- labelling field



Conductor cross-section max. 2.5 mm²
Operating temperature -40 ... +30 °C

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

- for surface-mounted housings or frames for flush-mounted installation
- with transparent hinged cover
- with plug-in terminals on both sides

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648



Design	Order no.	PU
grey matt	1196 35 25	1
polar white, matt, plastic	1196 35 22	1



Stereo loudspeaker connection boxes-insert with hinged cover surface-mounted/flush-mounted

- labelling fields



Conductor cross-section max. 2.5 mm²
Operating temperature -40 ... +30 °C

Hinged cover springs made of stainless steel, pins of quick-release lock made of ZAMAK

- for surface-mounted housings or frames for flush-mounted installation
- with transparent hinged cover
- with plug-in terminals on both sides

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648



Design	Order no.	PU
grey matt	1196 35 35	1
polar white, matt, plastic	1196 35 32	1



Insert with plug-in opening Ø 22 mm

- for surface-mounted housings or frames for flush-mounted installation

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648

Design	Order no.	PU
grey matt	4291 35 05	1

Supplementary products



Blind plug insert surface-mounted/flush-mounted

- for surface-mounted housings or frames for flush-mounted installation

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648



Design	Order no.	PU
grey matt	4290 35 05	1
polar white, matt, plastic	4290 35 02	1



Cable outlet-insert surface-mounted/flush-mounted

- for surface-mounted housings or frames for flush-mounted installation
- for cables Ø max. 12 mm

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648



Design	Order no.	PU
grey matt	4256 35 05	1
polar white, matt, plastic	4256 35 02	1

Frame for flush-mounted installation

- with mounting adapter for screw together on a flush-mounted box or hollow wall box
- the degree of protection IP55 will only be reached if mounted with a modular insert surface-mounted/flush-mounted of the Berker W.1 product line



Frame 1gang for flush-mounted installation

- sealing

- for flush mounting and hollow-wall mounting
- with mounting adapter and sealing

▶ 950

Suitable for	Order no.	Page
Socket outlet-inserts		page 635
Switch/push-button inserts		page 637
EMERGENCY STOP button inserts		page 642
LED signal light inserts		page 642
Switch/push-button for blinds-inserts		page 644
Communication/multimedia technology-inserts		page 644
Supplementary products		page 646
Insert for mechanical timer 15 min surface-mounted/flush-mounted	4227 35 2 ..	642
optional		
Claw set flush-mounted	1820 35 00	647
Design	Order no.	PU
light grey matt	1328 35 05	10
polar white matt	1328 35 02	10

Surface-mounted
wet-room
installation



Claw set flush-mounted

- for the flush-mounted installation without any screws of frames 1gang (Berker W.1) in wall boxes

Suitable for	Order no.	Page
Frame 1gang for flush-mounted installation	1328 35 0 ..	647
Design	Order no.	PU
Claw set flush-mounted	1820 35 00	10



Frame 2gang vertical for flush-mounted installation

- sealing

- for flush mounting and hollow-wall mounting
- for vertical mounting
- with mounting adapter and sealing

Suitable for	Order no.	Page
Socket outlet-inserts		page 635
Switch/push-button inserts		page 637
EMERGENCY STOP button inserts		page 642
LED signal light inserts		page 642
Switch/push-button for blinds-inserts		page 644
Communication/multimedia technology-inserts		page 644
Supplementary products		page 646
Insert for mechanical timer 15 min surface-mounted/flush-mounted	4227 35 2 ..	642
Design	Order no.	PU
light grey matt	1329 35 15	5
polar white matt	1329 35 12	5



Frame 2gang horizontal for flush-mounted installation

- sealing

- for flush mounting and hollow-wall mounting
- for horizontal mounting
- with mounting adapter and sealing

▶ 950

Suitable for	Order no.	Page
Socket outlet-inserts		page 635
Switch/push-button inserts		page 637
EMERGENCY STOP button inserts		page 642
LED signal light inserts		page 642
Switch/push-button for blinds-inserts		page 644
Communication/multimedia technology-inserts		page 644
Supplementary products		page 646
Insert for mechanical timer 15 min surface-mounted/flush-mounted	4227 35 2 ..	642
Design	Order no.	PU
light grey matt	1329 35 05	5
polar white matt	1329 35 02	5



Frame 3gang horizontal for flush-mounted installation

▶ 950

- sealing

- for flush mounting and hollow-wall mounting
- for horizontal mounting
- with mounting adapter and sealing

Suitable for	Order no.	Page
Socket outlet-inserts		page 635
Switch/push-button inserts		page 637
EMERGENCY STOP button inserts		page 642
LED signal light inserts		page 642
Switch/push-button for blinds-inserts		page 644
Communication/multimedia technology-inserts		page 644
Supplementary products		page 646
Insert for mechanical timer 15 min surface-mounted/flush-mounted	4227 35 2 ..	642

Design	Order no.	PU
light grey matt	1330 35 05	1
polar white matt	1330 35 02	1



Drilling template, 1gang to 3gang, plastic

- for surface-mounted housings or frames for flush-mounted installation

Design	Order no.	PU
Drilling template, 1gang to 3gang, plastic	1949 35 05	1

Housing surface-mounted

- full-surface sealing under the housing floor to seal the rear side, the rear cable entry and to cover unevennesses on the wall
- one Wago 2-wire connection terminal for wiring enclosed
- two clip-in places for Wago 2-wire connection terminals in the housing floor
- the degree of protection IP55 will only be reached if mounted with a modular insert surface-mounted/flush-mounted of the Berker W.1 product line



Housing with frame surface-mounted

▶ 950

- with one entry for 2 cables and one entry for cable and tube

Suitable for	Order no.	Page
Socket outlet-inserts		page 635
Switch/push-button inserts		page 637
EMERGENCY STOP button inserts		page 642
LED signal light inserts		page 642
Switch/push-button for blinds-inserts		page 644
Communication/multimedia technology-inserts		page 644
Supplementary products		page 646
Insert for mechanical timer 15 min surface-mounted/flush-mounted	4227 35 2 ..	642
optional		
Entries/connectors		page 652
Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted	1338 35 0 ..	652
Frame 1gang, can be illuminated 230 V, for housing surface-mounted	1338 35 1 ..	651

Design	Order no.	PU
grey/light grey matt	61 1891 35 05	10
polar white matt	61 1891 35 02	10



Surface-mounted housing 2gang vertical, with frame surface-mounted

- for vertical mounting
- with one entry for 2 cables and one entry for cable and tube

Suitable for	Order no.	Page
Socket outlet-inserts		page 635
Switch/push-button inserts		page 637
EMERGENCY STOP button inserts		page 642
LED signal light inserts		page 642
Switch/push-button for blinds-inserts		page 644
Communication/multimedia technology-inserts		page 644
Supplementary products		page 646
Insert for mechanical timer 15 min surface-mounted/flush-mounted	4227 35 2 ..	642
optional		
Entries/connectors		page 652
Frame 2gang, vertical, illuminated 230 V, for housing surface-mounted	1339 35 1 ..	651

Design	Order no.	PU
grey/light grey matt	67 1933 35 05	5
polar white matt	67 1933 35 02	5

Surface-mounted
wet-room
installation



Surface-mounted housing 2gang horizontal, with frame surface-mounted

▶ 950

- for horizontal mounting

Suitable for	Order no.	Page
Socket outlet-inserts		page 635
Switch/push-button inserts		page 637
EMERGENCY STOP button inserts		page 642
LED signal light inserts		page 642
Switch/push-button for blinds-inserts		page 644
Communication/multimedia technology-inserts		page 644
Supplementary products		page 646
Insert for mechanical timer 15 min surface-mounted/flush-mounted	4227 35 2 ..	642
optional		
Entries/connectors		page 652

Design	Order no.	PU
grey/light grey matt, 2 cable entries ¹⁾	67 1932 35 05	5
polar white matt, 2 cable entries ¹⁾	67 1932 35 02	5
grey/light grey matt, 4 cable entries ²⁾	67 1932 35 15	5
polar white matt, 4 cable entries ²⁾	67 1932 35 12	5

¹⁾ the lateral arrangement of the upper/lower cable entry makes it particularly suitable for installing next to door frames or similar fixtures.
²⁾ the additional side cable entries make it particularly suitable e.g. for workbenches



Housing 3gang horizontal with frame, surface-mounted

▶ 950

- for horizontal mounting
- with one entry for 2 cables and 2 entries for cable and tube

Suitable for	Order no.	Page
Socket outlet-inserts		page 635
Switch/push-button inserts		page 637
EMERGENCY STOP button inserts		page 642
LED signal light inserts		page 642
Switch/push-button for blinds-inserts		page 644
Communication/multimedia technology-inserts		page 644
Supplementary products		page 646
Insert for mechanical timer 15 min surface-mounted/flush-mounted	4227 35 2 ..	642
optional		
Entries/connectors		page 652

Design	Order no.	PU
grey/light grey matt	60 1930 35 05	1
polar white matt	60 1930 35 02	1

Accessories



Lens with imprint

Design	Order no.	Page
transparent, with imprinted symbol for light, set of 10	1822 35 01	1
transparent, with imprinted symbol for bell, set of 10	1822 35 02	1
transparent, with imprinted symbol for door opener, set of 10	1822 35 03	1

Suitable for	Order no.	Page
Illuminated change-over switch surface-mounted	3076 35 2 ..	625
Control change-over switch surface-mounted	3176 35 0 ..	626
Illuminated change-over switch insert with rocker surface-mounted/flush-mounted	3086 35 2 ..	637
Control change-over switch insert, rocker surface-mounted/flush-mounted	3086 35 1 ..	637
Push-button change-over contact, illuminated surface-mounted	5076 35 0 ..	627
Push-button insert, change-over contact, illuminated surface-mounted/flush-mounted	5046 35 2 ..	638
Rocker	3086 35 4 ..	639

New



Adapter for SYSTO devices

Design	Order no.	PU
Adapter for SYSTO devices	★ 1821 35 00	1

LED units



LED unit 230 V, for switches/push-buttons

Rated voltage	230 V~	– for monitoring circuit		
Operating voltage	230 V~/=	– very long LED lifetime		
Frequency	50 Hz			
Current consumption	0.4 mA			
Service life of the LED	≈ 50000 h			
Operating temperature	-40 ... +25 °C			

Suitable for	Order no.	Page
Change-over switch surface-mounted	3076 35 5 ..	626
Illuminated change-over switch surface-mounted	3076 35 2 ..	625
Control change-over switch with imprint "Heizung" surface-mounted	3566 35 0 ..	631
Push-button, change-over contact, surface-mounted	5076 35 5 ..	627
Push-button change-over contact, illuminated surface-mounted	5076 35 0 ..	627
Illuminated change-over switch insert with rocker surface-mounted/flush-mounted	3086 35 2 ..	637
Change-over switch insert with rocker surface-mounted/flush-mounted	3086 35 3 ..	638
Push-button insert, NO contact with rocker surface-mounted/flush-mounted	5041 35 1 ..	639
Push-button insert, change-over contact, illuminated surface-mounted/flush-mounted	5046 35 2 ..	638
Control change-over switch surface-mounted	3176 35 0 ..	626
Control on/off switch 2pole with imprint "Heizung - 0 - I" surface-mounted	3562 35 0 ..	631
Control change-over switch insert, rocker surface-mounted/flush-mounted	3086 35 1 ..	637

Design	Order no.	PU
red	1677 35 00	10

▶ 873



LED unit 230 V, for switches/push-buttons

▶ 873

Rated voltage	230 V~	– for illumination
Operating voltage	230 V~/=	– very long LED lifetime
Frequency	50 Hz	
Current consumption	0.4 mA	
Service life of the LED	≈ 50000 h	
Operating temperature	-40 ... +25 °C	

Suitable for	Order no.	Page
Control change-over switch surface-mounted	3176 35 0 ..	626
Control change-over switch insert, rocker surface-mounted/flush-mounted	3086 35 1 ..	637
Illuminated change-over switch surface-mounted	3076 35 2 ..	625
Change-over switch surface-mounted	3076 35 5 ..	626
Push-button change-over contact, illuminated surface-mounted	5076 35 0 ..	627
Push-button, change-over contact, surface-mounted	5076 35 5 ..	627
Illuminated change-over switch insert with rocker surface-mounted/flush-mounted	3086 35 2 ..	637
Change-over switch insert with rocker surface-mounted/flush-mounted	3086 35 3 ..	638
Control change-over switch with imprint "Heizung" surface-mounted	3566 35 0 ..	631
Push-button insert, NO contact with rocker surface-mounted/flush-mounted	5041 35 1 ..	639
Push-button insert, change-over contact, illuminated surface-mounted/flush-mounted	5046 35 2 ..	638

Design	Order no.	PU
blue	1688 35 00	10

Illuminated frames



Frame 1gang, can be illuminated 230 V, for housing surface-mounted

▶ 874

Operating voltage	230 V~	– for illumination and monitoring circuit
Service life of the LED	≈ 30000 h	
Operating temperature	-40 ... +30 °C	

Caution!
Mount only in conjunction with a surface-mounted housing.

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 616
International socket outlet systems		page 624
Switches/push-buttons		page 625
Switches/push-buttons for blinds		page 632
Switches for heating systems		page 631
Mechanical timer 15 min surface-mounted	4227 35 1 ..	630
Housing with frame surface-mounted	61 1891 35 0 ..	648

Design	Order no.	PU
light grey/transparent, white LEDs, 230 V~, 0.3 mA ¹⁾	1338 35 12	1
light grey/transparent, blue LEDs, 230 V~, 5 mA	1338 35 13	1

¹⁾low energy consumption, therefore particularly suitable for permanent or position location lighting



Frame 2gang, vertical, illuminated 230 V, for housing surface-mounted

Operating voltage	230 V~	– for illumination and monitoring circuit
Service life of the LED	≈ 30000 h	– with 2 electrically separated lighting rings for applications/functions independent of each other
Operating temperature	-40 ... +30 °C	

Suitable for	Order no.	Page
Combinations		page 629
SCHUKO socket outlet 2gang vertical with hinged cover surface-mounted	4770 35 4 ..	619
SCHUKO socket outlet 2gang vertical with hinged cover surface-mounted	4770 35 6 ..	619
SCHUKO socket outlet 2gang vertical with hinged cover surface-mounted	4770 35 5 ..	618
2gang SCHUKO socket outlet vertical with hinged cover surface-mounted	4770 35 2 ..	618
2gang SCHUKO socket outlet vertical with hinged cover surface-mounted	4770 35 3 ..	619
Surface-mounted housing 2gang vertical, with frame surface-mounted	67 1933 35 0 ..	649

Design	Order no.	PU
light grey/transparent, white LEDs, 230 V~, 0.6 mA ¹⁾	1339 35 12	1
light grey/transparent, blue LEDs, 230 V~, 10 mA	1339 35 13	1

¹⁾low energy consumption, therefore particularly suitable for permanent or position location lighting



Frame 1gang, can be illuminated 12 ... 24 V, for housing surface-mounted

▶ 874

Operating voltage 12 ... 24 V=
Service life of the LED ≈ 30000 h
Operating temperature -40 ... +30 °C

– for illumination and monitoring circuit

Caution!
Mount only in conjunction with a surface-mounted housing.

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 616
International socket outlet systems		page 624
Switches/push-buttons		page 625
Switches/push-buttons for blinds		page 632
Switches for heating systems		page 631
Mechanical timer 15 min surface-mounted	4227 35 1 ..	630
Housing with frame surface-mounted	61 1891 35 0 ..	648

Design	Order no.	PU
light grey/transparent, white LEDs, 12 ... 24 V=, 0.3 ... 0.6 mA ¹⁾	1338 35 02	1
light grey/transparent, blue LEDs, 12 ... 24 V=, 2.5 ... 5 mA	1338 35 03	1

¹⁾ low energy consumption, therefore particularly suitable for permanent or position location lighting

Entries/connectors



Connector for multiple combinations surface-mounted

For combinations in horizontal mounting only usable in conjunction with surface-mounted housings with lateral cable entries

– for combination of surface-mounted housings, in order to mount more than 3 devices to a control section/ connection terminal

Design	Order no.	PU
grey matt	1815 35 15	10

Suitable for	Order no.	Page
Housing surface-mounted		page 648



Cable entry for 2 cables

– for 2 cable 3 x 1.5 ... 5 x 2.5 mm²

Design	Order no.	PU
grey matt	1803 35 15	10
polar white matt	1803 35 12	10

Suitable for	Order no.	Page
Housing surface-mounted		page 648



Conduit entry M20 x 1.5, bolttable

– for electrical installation conduits M20 x 1.5

Design	Order no.	PU
Cable entry M20 x 1.5, bolttable, grey matt, 1gang	1816 35 15	10

Suitable for	Order no.	Page
Housing surface-mounted		page 648



Coduit entry 2gang, M20 x 1.5, bolttable

– for 2 electrical installation conduits M20 x 1.5

Design	Order no.	PU
grey matt, 2gang	1889 35 05	10

Suitable for	Order no.	Page
Housing surface-mounted		page 648



Cable entry M20 x 1.5, can be screwed with union nut

– for electrical installation conduits M20 x 1.5

Design	Order no.	PU
grey matt	1816 35 25	10

Suitable for	Order no.	Page
Housing surface-mounted		page 648



Cable and tube entry

- for electrical installation conduit M16 ... M25
- for 1 cable 3 x 1.5 ... 5 x 2.5 mm²

Design	Order no.	Page
light grey matt	1814 35 15	10
polar white matt	1814 35 12	10

Suitable for
Housing surface-mounted

Order no.

Page
page 648



Cover plug for screw holes

Cover plugs are not essential for reaching the degree of protection IP 55

Recommendation:
Use cover plug for screw holes for enhanced protection against parasitic voltage when mounting a surface-mounted housing on electrically conducting surface.

- for surface-mounted housing

Design	Order no.	Page
grey matt, 4x set	1803 35 00	10

Suitable for
Housing surface-mounted

Order no.

Page
page 648

Surface-mounted
wet-room
installation

Switch/push-button

Key switches/key push-buttons



Change-over switch 2pole with imprint surface-mounted for lock cylinders

▶ 883

- screw terminals



Rated voltage 250 V~
Switching current 16 A
Dimensions (W x H x D) 75 x 75 x 68 mm

- with push lock function
- 2pole change-over
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with cover lock
- with screw terminals

Suitable for Lock cylinder Order no. Page page 656

IP44



Design	Order no.	PU
Change-over switch 2pole with imprint surface-mounted for lock cylinders	4466	1



Change-over switch 2pole with imprint flush-mounted for lock cylinders

▶ 883

- screw terminals



Rated voltage 250 V~
Switching current 16 A
Installation depth x Ø 73 x 65 mm
Dimensions aluminium cover plate (W x H) 100 x 125 mm

- 2pole change-over
- with cover lock
- with flush-mounted box
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with screw terminals

Suitable for Lock cylinder replacement Metal cover Order no. 1904 Page page 656 654

IP44



Design	Order no.	PU
Change-over switch 2pole with imprint flush-mounted for lock cylinders	4416	1



Metal cover

- without imprint
- replacement
- aluminium

Suitable for Change-over switch 2pole with imprint flush-mounted for lock cylinders Order no. 4416 Page 654

Design	Order no.	PU
Metal cover	1904	1



Push-button with imprint surface-mounted for lock cylinder

- screw terminals



Rated voltage 250 V~
Momentary-contact current 16 A
Dimensions (W x H x D) 74 x 74 x 45 mm

- with imprint
- NO contact
- with cable entry diameter 11 mm at backside
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with cover lock
- with screw terminals

Suitable for Lock cylinder Order no. Page page 656

IP44



Design	Order no.	PU
Push-button with imprint surface-mounted for lock cylinder	4448	1



Push-button with imprint flush-mounted for lock cylinder

- screw terminals



Rated voltage	250 V~
Momentary-contact current	16 A
Dimensions (L x W)	75 x 75 mm
Installation depth x Ø	59 x 61 mm

- with imprint
- NO contact
- with cable entry diameter 11 mm at top and backside
- with flush-mounted box
- with cover lock
- with screw terminals

Suitable for
Lock cylinder

Order no. Page
page 656

IP44



Design	Order no.	PU
Push-button with imprint flush-mounted for lock cylinder	4450	1

Key switches/key push-buttons for blinds



Switch for blinds 2pole with imprint surface-mounted for lock cylinder

- screw terminals



Rated voltage	250 V~
Switching current	16 A
Dimensions (W x H x D)	75 x 75 x 68 mm

- with push lock function
- with imprint
- with neutral-position
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with cover lock
- with screw terminals

Suitable for
Lock cylinder

Order no. Page
page 656

IP44



Design	Order no.	PU
Switch for blinds 2pole with imprint surface-mounted for lock cylinder	4462	1



Switch for blinds 2pole with imprint flush-mounted for lock cylinder

- screw terminals



Rated voltage	250 V~
Switching current	16 A
Dimensions aluminium cover plate (W x H)	100 x 125 mm
Installation depth x Ø	73 x 65 mm

- with push lock function
- with imprint
- with neutral-position
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with flush-mounted box
- with cover lock
- with screw terminals

Suitable for
Lock cylinder
replacement

Order no. Page
page 656

IP44



Design	Order no.	PU
Switch for blinds 2pole with imprint flush-mounted for lock cylinder	4412	1



Metal cover with imprint

- replacement
- aluminium

Suitable for
Switch for blinds 2pole with imprint flush-mounted for lock cylinder

Order no. Page
4412 655

Design	Order no.	PU
Metal cover with imprint	1903	1



Push-button for blinds 1pole surface-mounted for lock cylinder

- 0 position



Rated voltage

250 V~

Momentary-contact current

16 A

Dimensions (W x H x D)

74 x 74 x 45 mm

- with imprint
- 1pole
- with neutral-position
- with cable entry diameter 11 mm at backside
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with cover lock
- with screw terminals

IP44

Suitable for
Lock cylinder

Order no.

Page
page 656



Design

Order no.

PU

Push-button for blinds 1pole surface-mounted for lock cylinder

4447

1



Push-button for blinds 1pole flush-mounted for lock cylinder

- 0 position



Rated voltage

250 V~

Momentary-contact current

16 A

Dimensions (L x W)

75 x 75 mm

Installation depth x Ø

59 x 61 mm

- with imprint
- 1pole
- with neutral-position
- with cable entry diameter 11 mm at top and backside
- with flush-mounted box
- with cover lock
- with screw terminals

IP44

Suitable for
Lock cylinder

Order no.

Page
page 656



Design

Order no.

PU

Push-button for blinds 1pole flush-mounted for lock cylinder

4449

1

Supplementary products



Lock cylinder

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.

With 5 tumblers to according to DIN 18252

- for switches/push-buttons for lock cylinders
- with 3 keys
- for change-over switches/push-buttons for lock cylinders

▶ 883

Suitable for
Key switches/key push-buttons
Key switches/key push-buttons for blinds

Order no.

Page
page 654
page 655

Design

Order no.

PU

with differing closures

Lock cylinder

1818

1

with same closures

Lock cylinder

1818 01

1

SCHUKO socket outlets with hinged cover

– connection terminals according to IEC 60884-1



SCHUKO socket outlet with hinged cover surface-mounted

▶ 951

– screw terminals

- with cable entry at top and bottom
- with screw terminals



Rated voltage 250 V~
Rated current 16 A



IP44

Connecting terminals only suitable for wiring with massive conductors.



Design	Order no.	PU
dark grey/yellow	4280	1

Combination SCHUKO socket outlets with hinged cover



2gang SCHUKO socket outlet vertical with hinged cover surface-mounted

▶ 951

– screw terminals

- with cable entry at top and bottom
- inserts wired-through
- with screw terminals



Rated voltage 250 V~
Rated current 16 A
Conductor cross-section 1 mm² ... 2.5 mm²



IP44

Instead of socket outlets, any other devices from the ISO-reinforced IP44 and IP66 ranges with degree of protection IP44 can be used.

Housing screws, hinged cover springs and axles made of stainless steel.



Design	Order no.	PU
dark grey/yellow	4370	1



Surface-mounted double SCHUKO socket outlet with hinged cover

▶ 951

– screw terminals

- with one entry for 2 cables and one entry for cable and tube
- side knock out openings for entries
- for horizontal mounting
- inserts wired-through
- with screw terminals



Rated voltage 250 V~
Rated current 16 A



IP44

Not suitable for heating systems > 50 kW.



Design	Order no.	PU
dark grey/yellow	4322	1



3gang SCHUKO socket outlet surface-mounted with hinged cover

▶ 951

- screw terminals

- with cable entry at top and bottom
- side knock out openings for entries
- for horizontal mounting
- inserts wired-through
- with screw terminals

 IP44



Rated voltage 250 V~
Rated current 16 A

As a result of the side cable entries specially suited for installation over workbenches.

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.



Design	Order no.	PU
dark grey/yellow	4323	1

International socket outlet systems

NEMA-socket outlets



Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-15 R surface-mounted

▶ 951

- screw terminals

- 2pole + earth
- with screw terminals

 IP44



Rated voltage 125 V~
Rated current 15 A
Conductor cross-section (rigid) max. 2 x 4 mm²

Housing screws, hinged cover springs and axles made of stainless steel.

Not UL-certified.

Standard NEMA 5-15 R



Design	Order no.	PU
dark grey/yellow	4286	1



Socket outlet with earthing contact and hinged cover 2gang vertical USA/CANADA NEMA 5-15 R surface-mounted

▶ 951

- screw terminals

- 2pole + earth
- with screw terminals

 IP44



Rated voltage 125 V~
Rated current 15 A
Conductor cross-section (rigid) max. 2 x 4 mm²

Housing screws, hinged cover springs and axles made of stainless steel.

Not UL-certified.

Standard NEMA 5-15 R



Design	Order no.	PU
dark grey/yellow	4293	1



Socket outlet with earthing contact and hinged cover 3gang horizontal USA/CANADA NEMA 5-15 R surface-mounted

▶ 951

- screw terminals

- 2pole + earth
- with screw terminals



Rated voltage 125 V~
Rated current 15 A
Conductor cross-section (rigid) max. 2 x 4 mm²

Housing screws, hinged cover springs and axles made of stainless steel.

Not UL-certified.
Standard NEMA 5-15 R



Design	Order no.	PU
dark grey/yellow	4324	1



Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-20 R surface-mounted

▶ 951

- screw terminals

- 2pole + earth
- with screw terminals



Rated voltage 125 V~
Rated current 20 A
Conductor cross-section (rigid) max. 2 x 4 mm²

Housing screws, hinged cover springs and axles made of stainless steel.

Not UL-certified.
Standard NEMA 5-20 R



Design	Order no.	PU
dark grey/yellow	4288	1



Socket outlet with earthing contact and hinged cover 2gang vertical USA/CANADA NEMA 5-20 R surface-mounted

▶ 951

- screw terminals

- 2pole + earth
- with screw terminals



Rated voltage 125 V~
Rated current 20 A
Conductor cross-section (rigid) max. 2 x 4 mm²

Housing screws, hinged cover springs and axles made of stainless steel.

Not UL-certified.
Standard NEMA 5-20 R



Design	Order no.	PU
dark grey/yellow	4294	1

Switch/push-button

Rocker switches



Change-over switch surface-mounted

- clear lens



Rated voltage
Switching current

250 V~
10 AX

- for illumination and monitoring circuit
- with cable entry at top and bottom
- with additional terminal, e.g. for control switch function
- with plug-in terminals

Suitable for
Glow and neon lamp units

Order no.

Page
page 662

Housing screws made of stainless steel.

▶ 951

IP44



Design
dark grey/yellow

Order no.

3446

PU

1

Rocker push-buttons



Push-button, NO contact with 2 separate signal contacts surface-mounted

- red lens



Rated voltage
Momentary-contact current
Neon lamp current

250 V~
10 A
2.7 mA

- for illumination and monitoring circuit
- can be illuminated with neon and glow lamp unit
- with neon lamp unit for rocker switch and rocker push-button order no. 1615
- with cable entry at top and bottom
- with plug-in terminals

Suitable for
Glow and neon lamp units

Order no.

Page
page 662

Housing screws made of stainless steel.
With light, bell, door and neutral symbols.

▶ 951

IP44



Design
dark grey/yellow

Order no.

5041 01

PU

1

Multi-pole key switches



Change-over switch 2pole surface-mounted for lock cylinders

Rated voltage
Switching current

250 V~
10 A

- with cable entry at top and bottom
- for master-key systems
- with screw terminals

Suitable for
Lock cylinder

Order no.
1818 ..

Page
62

Housing screws made of stainless steel.

IP44



Design
dark grey/yellow

Order no.

4386

PU

1

Combinations

– connection terminals according to IEC 60884-1



Combination rotary switch/SCHUKO socket outlet with hinged cover surface-mounted

- change-over switch
- screw terminals



Rated voltage 250 V~
Rated current 16 A
Switching current 16 AX

- with cable entry at top and bottom
- for vertical mounting
- phase wired-through
- with screw terminals

Instead of socket outlets, any other devices from the ISO-reinforced IP44 and IP66 ranges with degree of protection IP44 can be used.

Housing screws, hinged cover spring and axle made of stainless steel.



IP44



Design	Order no.	PU
dark grey/yellow	4246	1

Surface-mounted
wet-room
installation



Combination key switch/SCHUKO socket outlet with hinged cover and imprint surface-mounted

- screw terminals



Rated voltage 250 V~
Rated current 16 A
Switching current 10 A

- with imprint "0 - 1"
- with cable entry at top and bottom
- for vertical mounting
- phase and neutral conductor wired-through
- for master-key systems
- with screw terminals

Instead of SCHUKO socket outlets, any other devices from the ISO-reinforced IP44 and IP66 ranges with degree of protection IP44 can be used.

Housing screws, hinged cover spring and axle made of stainless steel.



IP44



Design	Order no.	PU
dark grey/yellow, 2-pole can be switched on/off	4432	1

Order no.	Page
Suitable for	
Lock cylinder	page 656
optional	
Labelling field for terminal attachment	page 662

Switches/push-buttons for blinds

Key switches/key push-buttons for blinds



Push-button for blinds 1pole with imprint surface-mounted for lock cylinder

- 0 position



Rated voltage 250 V~
Momentary-contact current 10 A

- with cable entry at top and bottom
- for master-key systems
- with screw terminals

Housing screws made of stainless steel.

IP44



Design	Order no.	PU
dark grey/yellow	4391	1

Order no.	Page
Suitable for	
Lock cylinder	page 656
optional	
Labelling field for terminal attachment	page 662

Housing



Empty housing

Housing screws made of stainless steel.

- with cable entry at top and bottom
- 1 knock out opening, for command unit dia. 22.5 mm

IP44

Design
dark grey

Order no.
4290

PU
1



Housing for signalling and command unit Ø 22.5 mm

Housing screws made of stainless steel.

Degree of protection IP44 is only guaranteed in conjunction with a suitable command unit!

- with cable entry at top and bottom
- with cut-out dia. 22.5 mm

IP44

Design
dark grey/yellow

Order no.
4291

PU
1

Supplementary products

Glow and neon lamp units



Incandescent lamp unit for switches/push-buttons

Design
yellow, 12 V, 65 mA
green, 24 V, 35 mA
red, 48 V, 25 mA

Suitable for	Order no.	Page
Change-over switch surface-mounted	3446	660
Push-button, NO contact with 2 separate signal contacts surface-mounted	5041 01	660
Design	Order no.	PU
yellow, 12 V, 65 mA	1617	10
green, 24 V, 35 mA	1618	10
red, 48 V, 25 mA	1637	10



Neon lamp unit for switches/push-buttons

Operating voltage 250 V~
Rated current ≈ 2.7 mA

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay.
Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Suitable for	Order no.	Page
Change-over switch surface-mounted	3446	660
Push-button, NO contact with 2 separate signal contacts surface-mounted	5041 01	660
Design	Order no.	PU
white	1615	10

Design
white

Order no.
1615

PU
10

Labelling fields



Labelling field for terminal attachment

Not suitable for heating systems > 50 kW.

- as devices cover for clamp cover

Suitable for	Order no.	Page
International socket outlet systems		page 658
Switch/push-button		page 660
Combinations		page 661
Switches/push-buttons for blinds		page 661
Housing		page 662
Design	Order no.	PU
dark grey	1901	10

IP44

Design
dark grey

Order no.
1901

PU
10

Entries/connectors



Connector for multiple combinations

– to combine devices

IP44

Design
black

Order no.
1880 01

PU
10



Connector for multiple combinations IP44/IP66

– to combine IP44 devices with IP66 devices

IP44

Design
black

Order no.
1806

PU
10



Cable entry

IP44

Design
black, for 1 cable

Order no.
1881 01

PU
10



Entry M20 x 1.5, can be screwed

IP44

Design
black, for 1 cable

Order no.
1962 01

PU
10

Surface-mounted
wet-room
installation

SCHUKO connecting devices

SCHUKO socket outlets



SCHUKO socket outlet surface-mounted

- bayonet hinged cover
- enhanced contact protection
- screw terminals



Rated voltage 250 V~
Rated current 16 A

- with cable entry at top and bottom
- for SCHUKO right angle plug with bayonet lock
- with screw terminals

Suitable for SCHUKO right angle plug with bayonet lock surface-mounted
Order no. 4631
Page 664

▶ 951



IP66

Housing screws made of stainless steel.
Connection terminals according to IEC 60884-1



Design	Order no.	PU
dark grey/yellow	4283	1

SCHUKO plugs



SCHUKO right angle plug with bayonet lock surface-mounted

Rated voltage 250 V~
Rated current 16 A
Conductor cross-section (rigid) max. 2 x 2.5 mm²

- with threaded joint dia. 15.2 mm (PG 9)
- for interlocked SCHUKO socket outlet
- with screw terminals

Suitable for SCHUKO socket outlet surface-mounted
Order no. 4283
Page 664

IP66



Design	Order no.	PU
dark grey/yellow	4631	1

Switch/push-button

Rotary switches



Surface-mounted rotary switch change-over

Rated voltage 250 V~
Switching current 16 AX

- with cable entry at top and bottom
- with screw terminals

Housing screws made of stainless steel.
Switching sequence e.g. for clockwise series switch:
0 > 1 > 1+2 > 2 > 0

▶ 951

IP66



Design	Order no.	PU
dark grey/yellow	3046	1



Surface-mounted rotary switch series

▶ 951

Rated voltage 250 V~ – with cable entry at top and bottom
Switching current 16 AX – with screw terminals

Housing screws made of stainless steel.
Switching sequence e.g. for clockwise series switch:
0 > 1 > 1+2 > 2 > 0

IP66



Design	Order no.	PU
dark grey/yellow	× 3045	1



Control rotary switch off/change-over surface-mounted

▶ 951

- red lens



- for illumination and monitoring circuit
- with cable entry at top and bottom
- with additional terminal, e.g. for control switch function
- with screw terminals

Rated voltage 250 V~
Switching current 16 AX
Neon lamp current 2.7 mA

IP66

Housing screws made of stainless steel.



Design	Order no.	PU
dark grey/yellow	3146	1

Multi-pole rotary switches



Control rotary switch 2pole off surface-mounted

▶ 951

- red lens



- with imprint "0 - 1"
- for illumination and monitoring circuit
- with cable entry at top and bottom
- with screw terminals

Rated voltage 250 V~
Switching current 16 AX
Neon lamp current 2.7 mA

Suitable for Glow and neon lamp units
Order no. 1906
Page page 666

IP66

Housing screws made of stainless steel.



Design	Order no.	PU
dark grey/yellow	3142	1

Switches/push-buttons for blinds



Rotary switch for blinds 2pole with imprint surface-mounted

- setting knob



- with push lock function
- with neutral-position
- with cable entry at top and bottom
- with screw terminals

Rated voltage 250 V~
Switching current 10 AX

Suitable for Interlock disk for rotary switch for blinds surface-mounted
Order no. 1906
Page 666

IP66

Housing screws made of stainless steel.



Design	Order no.	PU
dark grey/yellow	× 4342	1



Interlock disk for rotary switch for blinds surface-mounted

– for conversion to rotary push-button for blinds

Design	Order no.	PU
yellow	1906	10

Pilot lamps



Pilot lamp E14 surface-mounted

Rated voltage	250 V~	– with cable entry at top and bottom
Incandescent lamp power	max. 3 W	– with screw terminals
Long lamp base	max. 23.5 mm	
Housing screws made of stainless steel.		
Suitable for	Order no.	Page
Cover for pilot lamp E14		page 666
Incandescent lamp E14		page 667
LED lamp E14		page 667

IP66



Design	Order no.	PU
dark grey	5152	1



Cover for pilot lamp E14

Suitable for	Order no.	Page
Pilot lamp E14 surface-mounted	5152	666

Design	Order no.	PU
clear, transparent	1241	10
red, transparent	1241 01	10
yellow, transparent	1241 02	10
green, transparent	1241 03	10

IP66

Supplementary products

Glow and neon lamp units



Glow lamp unit for rotary control switch

Design	Order no.	PU
yellow, 12 V, 65 mA	1613	10
green, 24 V, 35 mA	1614	10
Suitable for	Order no.	Page
Control rotary switch 2pole off surface-mounted	3142	665
Control rotary switch off/change-over surface-mounted	3146	665



Neon lamp unit for rotary control switch

Operating voltage	250 V~	Suitable for	Order no.	Page
Rated current	≈ 2.7 mA	Control rotary switch off/change-over surface-mounted	3146	665
Design	Order no.	Control rotary switch 2pole off surface-mounted	3142	665
white	1611			10

Incandescent and LED lamps



Incandescent lamp E14

Operating voltage	230 V~	– for pilot lamp with flat cover		
Power	3 W			
		Suitable for	Order no.	Page
		Pilot lamp E14 surface-mounted	5152	666
Design		Order no.		PU
clear, transparent, for pilot lamp with flat cover		1610 03		100
clear, transparent, for pilot lamp with high cover		1610 13		100



LED lamp E14

Operating voltage	230 V~/=	– for light signal with flat and high cover		
Rated current	4.2 mA	– very long LED lifetime		
Operating temperature	-40 ... +70 °C			
Service life ¹ of LED white/coloured	≈ 20000/50000 h			
		Suitable for	Order no.	Page
		Pilot lamp E14 surface-mounted	5152	666
¹ Typ. up to approx. 50 % of the output brightness				
Design		Order no.		PU
white		1679		10
red		1679 01		10
yellow		1679 02		10
green		1679 03		10
blue		1679 04		10

Surface-mounted
wet-room
installation

Entries/connectors



Connector for multiple combinations

– to combine several IP66 devices (except for SCHUKO socket outlets AP order no. 4283)

IP66

Design		Order no.		PU
black		1808		10



Connector for multiple combinations IP44/IP66

– to combine IP44 devices with IP66 devices

Design		Order no.		PU
black		1806		10



Cable entry

IP66

Design		Order no.		PU
black, for 1 cable		1807		10

Surface-mounted dry-room installation

Uncomplicated and good: The Berker surface-mount programme for installation in dry rooms includes socket outlets, switches and push-buttons with convincing functionality and easy mounting. They are ideally suited for surface-mounted cable runs – e. g. through prepared openings for insertion of wires and cables located on the top and bottom of the housing. Various self-extinguishing base plates intended for use on a flammable underlying surface complement the programme.



SCHUKO socket outlets	670
International socket outlet systems	671
Switch/push-button	672
Combinations	674
Pilot lamps	675
Supplementary products	675

SCHUKO socket outlets

– connection terminals according to IEC 60884-1



SCHUKO socket outlet surface-mounted

Rated voltage
Rated current

250 V~
16 A

- knock out opening for entry at top and bottom
- with cable and duct entry
- with hollow base
- with plug-in terminals

▶ 948

Suitable for	Order no.	Page
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675



Design
white glossy

Order no.	PU
4700 40	10



SCHUKO socket outlet surface-mounted

- enhanced contact protection



Rated voltage
Rated current

250 V~
16 A

- knock out opening for entry at top and bottom
- with cable and duct entry
- with hollow base
- with plug-in terminals

▶ 948

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	675
Wire and duct entry	1813 ..	676
Tube entry	1817 0 ..	528



Design
white glossy

Order no.	PU
4700 30	10



SCHUKO socket outlet surface-mounted

- screw terminals



Rated voltage
Rated current

250 V~
16 A

- knock out opening for entry at top and bottom
- with cable and duct entry
- with screw terminals

▶ 948

Suitable for	Order no.	Page
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675



Design
with hollow base
white glossy
without hollow base
white glossy

Order no.	PU
4000 99 40	10
4000 99 50	10



SCHUKO socket outlet surface-mounted

- enhanced contact protection
- screw terminals



Rated voltage
Rated current

250 V~
16 A

- knock out opening for entry at top and bottom
- with cable and duct entry
- with hollow base
- with screw terminals

▶ 948

Suitable for	Order no.	Page
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675



Design
white glossy

Order no.	PU
4000 99 30	10

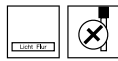
SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection surface-mounted

▶ 894

- labelling field
- screw terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Installation depth	32 mm

- with indicator LED for "on/error"
- with imprint
- with acoustic fault signal
- knock out opening for entry at top and bottom
- with hollow base
- with screw terminals

Labelling field height arranged for P-touch strips 6 mm.
Overvoltage protection according to EN 61643 and VDE 0675-6-11

Suitable for	Order no.	Page
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675



Design	Order no.	PU
white glossy	4006 41	1

Multiple SCHUKO socket outlets



Surface-mounted double SCHUKO socket outlet

▶ 948

Rated voltage	250 V~
Rated current	16 A

- knock out opening for entry at top and bottom
- with cable and duct entry
- with hollow base
- for vertical and horizontal mounting
- with plug-in terminals

Suitable for	Order no.	Page
Entries/connectors		page 676
Base plate self-extinguishing for double socket outlet	1053 40	676



Design	Order no.	PU
white glossy	4721 40	10



3gang SCHUKO socket outlet, surface-mounted

▶ 948

- screw terminals



Rated voltage	250 V~
Rated current	16 A

- knock out openings for entries at top, bottom and side
- with hollow base
- for vertical and horizontal mounting
- with screw terminals

Suitable for	Order no.	Page
Entries/connectors		page 676
Base plate self-extinguishing for 3gang socket outlet	1055	676



Design	Order no.	PU
white glossy	4040	5

International socket outlet systems

- enhanced contact protection (child protection) in the socket outlets is according to IEC 60884-1
- connection terminals according to IEC 60884-1

Socket outlets with earthing pin



Socket outlet with earthing pin surface-mounted

- enhanced contact protection
- screw terminals



Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

- 2pole + earth
- with cable and duct entry
- with hollow base
- with screw terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	675
Wire and duct entry	1813 ..	676
Tube entry	1817 0 ..	528



Design	Order no.	PU
white glossy	6760 06 40	10

Switch/push-button

Rocker switches



Rocker switch surface-mounted

Rated voltage
Switching current

250 V~
10 AX

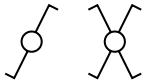
- knock out opening for entry at top and bottom
- with plug-in terminals

▶ 948

Suitable for
Base plate 1gang, self-extinguishing

Order no.
1052 50

Page
675



Design

Order no.

PU

Change-over switch surface-mounted, white glossy ¹⁾

3006 40

10

Intermediate switch surface-mounted, white glossy ¹⁾

3007 40

10

¹⁾ with cable and duct entry



Control change-over switch surface-mounted

- red lens



Rated voltage
Switching current
Neon lamp current

250 V~
10 AX
1 mA

- for illumination and monitoring circuit
- can be illuminated using neon and glow lamp unit with N-terminal
- with neon lamp unit with N terminal order no. 1675
- knock out opening for entry at top and bottom
- with cable entry at top and bottom
- with screw terminals

▶ 948

Suitable for
Entries/connectors
Base plate 1gang, self-extinguishing

Order no.
1052 50

Page
page 676
675

optional
Glow lamp unit with N-terminal 1676 .. 61
LED unit 230 V, for switches/push-buttons 1686 .. 20
LED unit for switches/push-buttons 1687 62

replacement
Neon lamp unit with N terminal 1675 .. 61



Design

Order no.

PU

white

3016 40

10



On/off switch 2pole with imprint "0" and "I", surface-mounted

Rated voltage
Switching current

250 V~
10 AX

- knock out opening for entry at top and bottom
- with plug-in terminals

▶ 948

Suitable for
Base plate 1gang, self-extinguishing

Order no.
1052 50

Page
675



Design

Order no.

PU

white glossy ¹⁾

3002 40

10

¹⁾ with cable and duct entry



Control on/off switch 2pole with imprint "0" surface-mounted

▶ 948

- red lens



Rated voltage
Switching current
Neon lamp current

250 V~
10 AX
1 mA

- for illumination and monitoring circuit
- can be illuminated using neon and glow lamp unit with N-terminal
- with neon lamp unit with N terminal order no. 1675
- knock out opening for entry at top and bottom
- with cable entry at top and bottom
- with plug-in terminals

Suitable for	Order no.	Page
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675
optional		
Glow lamp unit with N-terminal	1676 ..	61
LED unit 230 V, for switches/push-buttons	1686 ..	20
LED unit for switches/push-buttons	1687	62
replacement		
Neon lamp unit with N terminal	1675 ..	61



Design
white glossy

Order no.
3012 40 PU
10



On/off switch 3pole with imprint "0" and "I", surface-mounted

▶ 948

Rated voltage
Switching current

400 V~
16 AX

- knock out opening for entry at top and bottom
- with cable and duct entry
- with screw terminals

Suitable for	Order no.	Page
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675



Design
white glossy

Order no.
3003 40 PU
10

Combination rocker switches



Series switch surface-mounted

Rated voltage
Switching current

250 V~
10 AX

- knock out opening for entry at top and bottom
- with plug-in terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	675



Design
white glossy ¹⁾

Order no.
3005 40 PU
10

¹⁾ with cable and duct entry



Surface-mounted double change-over switch, isolated input terminals

Rated voltage
Switching current

250 V~
10 AX

- knock out opening for entry at top and bottom
- with screw terminals

Suitable for	Order no.	Page
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675



Design
white glossy ¹⁾

Order no.
3008 40 PU
10

¹⁾ with cable and duct entry

Pullcord switches



Pullcord switch off/change-over surface-mounted

Rated voltage	250 V~	– knock out opening for entry at top and bottom
Switching current	10 AX	– with plug-in terminals
Long pullcord	12 cm	
For wall and ceiling mounting.		

Suitable for	Order no.	Page
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675



Design	Order no.	PU
white glossy	6139 06 40	10
white glossy ^{1) 2)}	3906 40	10

¹⁾ for wall and ceiling mounting
²⁾ with cable and duct entry

Rocker push-buttons



Push-button, change-over contact surface-mounted

- red lens



Rated voltage	250 V~	– for illumination and monitoring circuit
Momentary-contact current	10 A	– can be illuminated using neon and glow lamp unit with N-terminal

Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

- knock out opening for entry at top and bottom
- with cable and duct entry
- with plug-in terminals

Suitable for	Order no.	Page
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675
optional		
Neon lamp unit with N terminal	1675 ..	61
Glow lamp unit with N-terminal	1676 ..	61
LED unit 230 V, for switches/push-buttons	1686 ..	20
LED unit for switches/push-buttons	1687 ..	62



Design	Order no.	PU
white glossy	5006 99 40	10

Combinations

Rocker switch combinations/SCHUKO socket outlets



Combination change-over switch/SCHUKO socket outlet surface-mounted

Rated voltage	250 V~	– change-over switch and socket outlet connectable separately
Rated current	16 A	– knock out opening for entry at top and bottom
Switching current	10 AX	– with cable and duct entry
Connection terminals according to IEC 60884-1		– with hollow base
		– for vertical mounting
		– with plug-in terminals

Suitable for	Order no.	Page
Base plate self-extinguishing for combination 2gang	1054 40	676



Design	Order no.	PU
white glossy ¹⁾	4796 40	5

¹⁾ with cable and duct entry

Pilot lamps



Surface-mounted push-button/pilot lamp E10, NO contact

▶ 883

Rated voltage 250 V~ – for illumination and monitoring circuit
 Momentary-contact current 2 A – knock out opening for entry at top and bottom
 Incandescent lamp power max. 2 W – with cable and duct entry
 – with screw terminals

Suitable for	Order no.	Page
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675
Knob for push-button/pilot lamp E10	1279 ..	57
Cover for push-button/pilot lamp E10	128 ..	56
Neon lamp E10	1601	57
LED lamp E10	1678 ..	57



Design	Order no.	PU
white glossy	5100 40	10



Pilot lamp E14 surface-mounted

Rated voltage 250 V~ – knock out opening for entry at top and bottom
 Incandescent lamp power max. 3 W – with cable and duct entry
 Long lamp base max. 23.5 mm – with screw terminals

Suitable for	Order no.	Page
Incandescent lamp E14		page 59
Cover for pilot lamp E14		page 58
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675
LED lamp E14	1679 ..	58



Design	Order no.	PU
white glossy	5130 40	10

Supplementary products



Rocker
- labelling field



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.
 The rocker can be replaced in all rocker switches and rocker push-buttons in the surface-mounted range except 2- and 3pole off.

Design	Order no.	PU
white glossy	1636 40	10

Base plates






Base plate 1gang, self-extinguishing



- for 1gang devices
- with imprint
- for mounting on combustible base surface

Suitable for	Order no.	Page
Switch/push-button		page 672
Pilot lamps		page 675
SCHUKO socket outlet surface-mounted	4000 ..	670
SCHUKO socket outlet surface-mounted	4700 ..	670
SCHUKO socket outlet with overvoltage protection surface-mounted	4006 41	671
Socket outlet with earthing pin surface-moun-	6760 06 40	671
ted		

Design	Order no.	PU
white	1052 50	10

	Base plate self-extinguishing for double socket outlet		– with imprint		
			– for mounting on combustible base surface		
	Suitable for	Order no.	Page		
	Surface-mounted double SCHUKO socket outlet	4721 ..	671		
Design	Order no.			PU	
white	1053 40			10	
	Base plate self-extinguishing for combination 2gang		– with imprint		
			– for mounting on combustible base surface		
	Suitable for	Order no.	Page		
	Combination change-over switch/SCHUKO socket outlet surface-mounted	4796 40	674		
Design	Order no.			PU	
white	1054 40			10	
	Base plate self-extinguishing for 3gang socket outlet		– with imprint		
			– for mounting on combustible base surface		
	Suitable for	Order no.	Page		
	3gang SCHUKO socket outlet, surface-mounted	4040 ..	671		
Design	Order no.			PU	
white	1055			10	

Entries/connectors

	Wire and duct entry		– for wire or 15 x 15 mm cable duct		
	Also suitable for surface-mounted frames and housings from the flush-mounted ranges.				
	Suitable for	Order no.	Page		
	SCHUKO socket outlets		page 670		
	Switch/push-button		page 672		
	Combinations		page 674		
	Pilot lamps		page 675		
	Surface-mounted housing		page 212		
	Surface-mounted housing		page 221		
	Frame 1gang surface-mounted	1001 0 ..	527		
	Socket outlet with earthing pin surface-mounted	6760 06 40	671		
Design	Order no.			PU	
white	1813			10	
polar white	1813 09			10	
black	1813 05			10	
	Tube entry		– for tubes with coupling dia. 20.5 mm (PG 13.5) and M 20		
	Distance from wall to centre of pipe 16 mm		– for tubes with Ø 15.2 mm (PG 9) and M 16		
Also suitable for surface-mounted frames and housings from the flush-mounted ranges.					
Suitable tubes for surface-mounted installation can be purchased at www.fraenkische-elektro.de .					
	Suitable for	Order no.	Page		
	SCHUKO socket outlets		page 670		
	Switch/push-button		page 672		
	Combinations		page 674		
	Pilot lamps		page 675		
	Surface-mounted housing		page 212		
	Surface-mounted housing		page 221		
	Frame 1gang surface-mounted	1001 0 ..	527		
	Socket outlet with earthing pin surface-mounted	6760 06 40	671		
Design	Order no.			PU	
polar white	1817 09			10	
black	1817 05			10	

Connecting systems and accessories

Special installation solutions are occasionally required outside of residential and office spaces – it goes without saying that you can find the appropriate products for such situations also at Berker. Electric range connections boxes are among these as are CEE connecting devices that are used primarily in industry. Solutions for separate earthing of medical devices or protective coverings for flush-mounted inserts on construction sites are also available.



Electric range connection boxes	680
CEE connecting devices	680
SCHUKO connecting devices	681
Frames design-neutral	681
Socket outlets for floating output	682
Supplementary products	683

Electric range connection boxes



Electric range connection box surface-mounted/flush-mounted

Conductor cross-section (rigid)	max. 2.5 mm ²	– with 5pole double terminal, locking
Dimensions (L x W x H)	86 x 86 x 28 mm	– additional pin cover possible
		– for screw and spread fixing in 60 and 70 box
		– with screw terminals



Design	Order no.	PU
light grey	4478 09	5



Electric range connection box flush-mounted

Conductor cross-section (rigid)	max. 2.5 mm ²	– with 5pole double terminal, locking
Dimensions (L x W x H)	86 x 86 x 12 mm	– flat design
Quick-mounting with a spreader claw bolt.		– for screw and spread fixing in 60 and 70 box
		– with screw terminals



Design	Order no.	PU
light grey	4477 09	5

CEE connecting devices

CEE connecting devices 5pole



CEE socket outlet 5pole with hinged cover EB 16 A

Rated voltage	400 V~	– suitable e.g. for switch cabinet door
Frequency	50/60 Hz	– built-on socket outlet
Rated current	16 A	– suitable for cable duct, type 74 flush-mounted and hollow-wall boxes
Protective contact position	6 h	– with screw terminals
5-pole	3 P + N + PE	

IP44



Design	Order no.	PU
polar white	5785 01	5

Supplementary products



CEE flush-mounted wall box

Bolt spacing	60 mm
Installation depth, flush-mounted boxes	64 mm

Design	Order no.	PU
CEE flush-mounted wall box	1830 01	5

SCHUKO connecting devices



SCHUKO right angle plug

Rated voltage	250 V~	- can be screwed
Rated current	16 A	- with screw terminals - duroplastic housing

+	Design	Order no.	PU
	white	4606	20

Frames design-neutral



Design frame angular

Dimensions (W x H)	93.9 x 82.7 mm	Suitable for	Order no.	Page
Assembling height	4 mm	KNX Touch Control with TFT display	7574 01 01	815

Can also be used for design-orientated integration of audio indoor stations. Suitable products can be found in the latest Elcom catalogue - door communication.

Design	Order no.	PU
white glossy	1319 89 82	1
white matt	1319 60 99	1
polar white glossy	1319 70 09	1
polar white, matt, plastic	1319 19 09	1
anthracite, matt	1319 70 06	1
black glossy	1319 22 45	1
aluminium matt, lacquered	1319 64 24	1
aluminium, metal matt finish	1319 22 84	1
stainless steel, metal matt finish	1319 22 04	1
stainless steel, metal brushed	1319 36 06	1
glass polar white	1319 69 09	1
glass aluminium	1319 64 14	1
glass black	1319 66 16	1



Design frame rounded

Dimensions (W x H)	93.9 x 90.9 mm	Suitable for	Order no.	Page
Assembling height	4 mm	KNX Touch Control with TFT display	7574 01 01	815
Rounding radius	12 mm			

Can also be used for design-orientated integration of audio indoor stations. Suitable products can be found in the latest Elcom catalogue - door communication.

Design	Order no.	PU
polar white glossy	1319 21 89	1
white matt	1319 60 82	1
polar white, matt, plastic	1319 60 89	1
anthracite, matt	1319 60 86	1
black glossy	1319 21 45	1
aluminium, matt, lacquered	1319 60 84	1
alu, aluminium anodised	1319 21 84	1
stainless steel, metal matt finish	1319 21 04	1
glass polar white	1319 21 09	1
glass black	1319 21 16	1



Design frame angular, large design

Dimensions (W x H) 93.9 x 160.7 mm
Assembling height 4 mm

Designed for design-orientated integration of Video indoor stations. Suitable products can be found in the latest Elcom catalogue - door communication.

Design	Order no.	PU
white glossy	1320 89 82	1
white matt	1320 60 99	1
polar white glossy	1320 70 09	1
polar white matt	1320 19 09	1
anthracite matt	1320 70 06	1
black glossy	1320 22 45	1
aluminium matt, lacquered	1320 64 24	1
alu, aluminium anodised	1320 22 84	1
stainless steel, metal matt finish	1320 22 04	1
stainless steel, metal brushed	1320 36 06	1
glass polar white	1320 69 09	1
Glass, aluminium	1320 64 14	1
glass black	1320 66 16	1



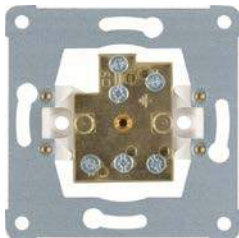
Design frame rounded, large design

Dimensions (W x H) 93.9 x 160.7 mm
Assembling height 4 mm
Rounding radius 12 mm

Designed for design-orientated integration of Video indoor stations. Suitable products can be found in the latest Elcom catalogue - door communication.

Design	Order no.	PU
polar white glossy	1320 21 89	1
white matt	1320 60 82	1
polar white matt	1320 60 89	1
anthracite velvety	1320 60 86	1
black glossy	1320 21 45	1
aluminium matt, lacquered	1320 60 94	1
alu, aluminium anodised	1320 21 84	1
stainless steel, metal matt finish	1320 21 04	1
glass polar white	1320 21 09	1
glass black	1320 21 16	1

Socket outlets for floating output



Socket outlet for floating output

- screw terminals



Conductor cross-section (rigid) max. 6 mm²

For separate earthing of medical-technical equipment and lab equipment.

Connection pins according to DIN 42801

- without spreader claws
- with screw terminals

Suitable for	Order no.	Page
Central plate for socket outlet for floating output	1403 ..	197
Centre plate socket outlet for floating output	1705 01 04	413
Right angle plug for floating output	4605	683



Design	Order no.	PU
Socket outlet for floating output	1061	10



Built-in socket for floating output

Conductor cross-section (rigid) max. 6 mm² – for centre plate with cut-out dia. 18.8 mm
 – with a green yellow signal ring
 For separate earthing of medical-technical equipment and lab equipment.
 Connection pins according to DIN 42801

Suitable for	Order no.	Page
Central plate with installation opening Ø 18.8 mm	1431 ..	131
Centre plate with installation opening Ø 18.8 mm	1070 ..	132
Right angle plug for floating output	4605	683



Design	Order no.	PU
Built-in socket for floating output	4604	1



Right angle plug for floating output

Conductor cross-section (rigid) max. 6 mm² – for equipotential bonding socket outlet and built-in socket
 – with yellow insulating cover and crimp connection
 For separate earthing of medical-technical equipment and lab equipment.
 For connection pins according to DIN 42801

Suitable for	Order no.	Page
Socket outlet for floating output	1061	682
optional Built-in socket for floating output	4604	683

Design	Order no.	PU
Right angle plug for floating output	4605	1

Supplementary products

Extension claws



Extension claw for attaching

Extension by 15 mm
 Suitable for switch/button inserts and sockets from before 2011.
 Not for electronics inserts!

Design	Order no.	PU
Extension claw for attaching	1913	50



Replacement claw

Extension by 15 mm
 Suitable for the new socket outlet generation from approx. 2011.
 Not suitable for switch inserts.

Design	Order no.	PU
set with 20 claws	1914	1

Protective covers



Protective cover for SCHUKO socket outlets/switches

Sockets of the new generation of (from approx. 2011) and switches can be protected.
 Protective cover against dirt and damage of flush-mounted inserts without cover for interior fittings or renovation measures.

Design	Order no.	PU
grey	1849	10



Protective cover for SCHUKO socket outlet

Only sockets of the old generation of before 2011 can be protected.

Protective cover against dirt and damage of flush-mounted inserts without cover for interior fittings or renovation measures.

Design
grey

Order no.
× **1848**

PU
10

Electronics platform – Conventional installation KNX radio | quicklink

The wireless alternative for the intelligent building management system: wireless systems make it easy for you. You can forget the hassle of routing control lines: start-up is incredibly easy! For example, you can set up without the need for tools using quicklink (push-button mode) – a wireless solution based on the KNX radio standard. You can also get set up via media couplers with the KNX easy tool, which requires just a tablet computer. Integration into a KNX system programmed with the ETS can also be realised without any issues.



Light control – Conventional installation	690
Motion detectors – Conventional installation	694
Blind control – Conventional installation	699
Light control	703
Motion detectors	711
Blind control	716
Transmitter	719
Sensors	724
Binary inputs	725
Switch actuators	726
Dim actuators	732
Blind actuators	732
System components	734

Application modules conventional



Button 1gang



Button 2gang



IR motion detector 1.1/2.2 m



IR motion detector comfort 1.1/2.2 m



Blind button



Blind-time switch

Inserts	Order no.	8514 11 xx	8514 21 xx	8534 11 xx 8534 21 xx	8534 12 xx 8534 22 xx	8524 11 xx	8574 11 xx
Universal switch insert, 1gang 	8512 11 00	■		■	■		
Relay insert 	8512 12 00	■		■	■		
Touch dimmer (R,L) 	8542 11 00	■		■	■		
Universal touch dimmer 1gang 	8542 12 00	■		■	■		
Universal switch insert, 2gang 	8512 22 00		■				
Universal touch dimmer 2gang 	8542 21 00		■				
DALI/DSI Steuereinsatz 	8542 17 00	■					
Blind insert comfort 	8522 11 00					■	■
Power supply for radio application module 	8502 01 00						
Extension unit for motion detector 	8532 01 00			■	■		

Application
modules
KNX radio



KNX radio
button 1gang



KNX radio
button 2gang



KNX radio
button 4gang



KNX radio
motion detector
comfort 1.1/2.2 m



KNX radio
timer



KNX radio
blind button



KNX radio
blind time switch

	8514 51 xx	8514 61 xx	8564 81 xx	8534 51 xx 8534 61 xx	8574 52 xx	8524 51 xx	8574 51 xx
	■		■	■			
	■		■	■	■		
	■		■	■			
	■		■	■			
		■	■				
		■	■				
	■		■				
						■	■
	■	■	■	■	■	■	■

Electronics
platform |
KNX radio

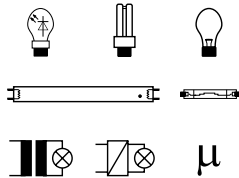
Light control

Switch inserts



Relay insert

Operating voltage	230 V~	
Frequency	50/60 Hz	
Minimum contact load	≈ 15 W	
230 V LED lamps	440 W	
Dimmable energy-saving lamps	440 W	
230 V incandescent lamps and halogen lamps	2300 W	
Dimmable conventional transformers	1500 VA	
Electronic transformers and dual-mode transformers	1500 W	
Fluorescent lamps:		
- uncompensated	1100 VA	
- parallel compensated	1000 W /130 μF	
- in Duo circuit	1000 W	
- with electrical ballast (EB)	1000 W	
Compact fluorescent lamps with electronic ballast	22 x 20 W	
Number of substations	unlimited	
Operating temperature	-5 ... +45 °C	
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Claw guidance installation depth	32 mm	



- ▶ 896
- low intrinsic energy requirement
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- also usable as push-button relay switch
- with screw terminals

Not suitable for installation in surface-mounted housing.

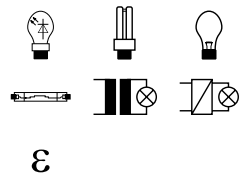


Design	Order no.	PU
Relay insert	8512 12 00	1



Switch insert 1gang

Operating voltage	230 V~	
Frequency	50/60 Hz	
Dimmable 230 V LED lamps	5 ... 70 W	
Dimmable energy-saving lamps	13 ... 80 W	
230 V incandescent lamps and halogen lamps	25 ... 400 W	
Dimmable conventional transformers	25 ... 400 VA	
Electronic transformers and dual-mode transformers	25 ... 400 W	
Number of substations	unlimited	
Operating temperature	-5 ... +45 °C	
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Installation depth	32 mm	



- ▶ 896
- low intrinsic energy requirement
- automatic setting of load-dependent switching principle (autoDetect process)
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals

Only suitable for operation with dimmable loads!

Caution!

Only connect **dimmable** 230 V ESL or LED lamps.
Do not connect inductive and capacitive loads jointly.



Design	Order no.	PU
Switch insert 1gang	8512 11 00	1

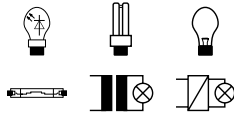


Switch insert 2gang

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	per channel 12 ... 54 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- automatic setting of load-dependent switching principle (autoDetect process)
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals



ε

Only suitable for operation with dimmable loads!

Caution!

Only connect **dimmable** 230 V ESL or LED lamps.
Do not connect inductive and capacitive loads jointly.



Design	Order no.	PU
Switch insert 2gang	8512 22 00	1

Dimmer inserts

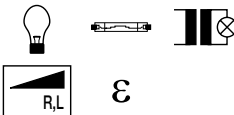


Touch dimmer (R, L)

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of substations	unlimited
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- phase cut-on
- bulb-preserving soft startup
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals



R,L

ε

Design	Order no.	PU
Touch dimmer (R, L)	8542 11 00	1

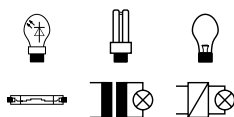


Universal touch dimmer 1gang

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
Dimmable 230 V LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- automatic setting of load-dependent switching principle (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals



R,L,C

ε

Do not connect inductive and capacitive loads jointly.

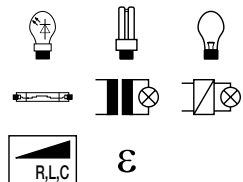
Design	Order no.	PU
Universal touch dimmer 1gang	8542 12 00	1





Universal touch dimmer 2gang

▶ 896



Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption, standby (Channel 1/Channel 2)	0.3/0.7 W
Dimmable 230 V LED lamps	per channel 12 ... 40 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- automatic setting of load-dependent switching principle (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals

Do not connect inductive and capacitive loads jointly.



Design	Order no.	PU
Universal touch dimmer 2gang	8542 21 00	1

DALI/DSI control devices



DALI/DSI control insert

Operating voltage	230 V~
Frequency	50/60 Hz
DALI voltage	16 V= (10.5 ... 22.5 V=)
Output current	max. 40 mA
Power consumption (standby)	< 0.4 W
Number of substations	unlimited
Quantity of DALI/DSI devices:	
- active operation	max. 20
- passive operation (with external power supply)	max. 64
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 100 m
DALI cable length at 1.5 mm ²	max. 300 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- automatic detection of DALI/DSI devices
- remote control with KNX radio hand-held/wall-transmitters in combination with KNX radio buttons
- switch-on brightness level can be stored safe after power failure
- automatic selection of operating mode (active/passive)
- supplies the system voltage for additional DALI users when connected to mains voltage
- with extension unit input for push-button (NO contact)
- no conductive connection between supporting ring and spreading claws
- for switching and controlling of electronic ballasts and Tronic transformers with DALI/DSI interface
- control information is send centrally to all users in the DALI/DSI network (Broadcast)
- with electronic short-circuit and overload protection
- with screw terminals

Not suitable for combining with other DALI systems.

DALI Bus communication in Broadcast mode according to IEC 62386-102



Design	Order no.	PU
DALI/DSI control insert	8542 17 00	1

Buttons for switches/dimmers

Button 1gang

▶ 896

- | | | |
|-----------------------|---------------|--|
| Operating voltage | via insert | – low intrinsic energy requirement |
| Operating temperature | -5 ... +45 °C | – with 2-push-buttons operation concept |
| | | – switch-on brightness level for use on dimmer insert, power failure proof, storable |
| | | – with anti-dismantling protection |

Suitable for	Order no.	Page
Relay insert	8512 12 00	36
Switch insert 1gang	8512 11 00	37
Touch dimmer (R, L)	8542 11 00	38
Universal touch dimmer 1gang	8542 12 00	38
DALI/DSI control insert	8542 17 00	39

Design

Order no.

PU

Berker S.1 | B.3 | B.7

white glossy	8514 11 82	1
polar white glossy	8514 11 89	1
polar white matt	8514 11 88	1
anthracite matt, lacquered	8514 11 85	1
aluminium matt, lacquered	8514 11 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8514 11 22	1
polar white velvety	8514 11 29	1
anthracite velvety, lacquered	8514 11 26	1
aluminium velvety, lacquered	8514 11 24	1

Berker K.1 | K.5

polar white glossy	8514 11 79	1
anthracite matt, lacquered	8514 11 75	1
aluminium, matt, lacquered	8514 11 77	1
stainless steel matt, lacquered	8514 11 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8514 11 39	1
black glossy ¹⁾	8514 11 31	1

¹⁾ no dismantling protection possible

Button 2gang

▶ 896

- | | | |
|-----------------------|---------------|--|
| Operating voltage | via insert | – low intrinsic energy requirement |
| Operating temperature | -5 ... +45 °C | – with 2-push-buttons operation concept per series |
| | | – switch-on brightness level for use on dimmer insert, power failure proof, storable |
| | | – with anti-dismantling protection |

Suitable for	Order no.	Page
Switch insert 2gang	8512 22 00	37
Universal touch dimmer 2gang	8542 21 00	39

Design

Order no.

PU

Berker S.1 | B.3 | B.7

white glossy	8514 21 82	1
polar white glossy	8514 21 89	1
polar white matt	8514 21 88	1
anthracite matt, lacquered	8514 21 85	1
aluminium matt, lacquered	8514 21 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8514 21 22	1
polar white velvety	8514 21 29	1
anthracite velvety, lacquered	8514 21 26	1
aluminium velvety, lacquered	8514 21 24	1

Design	Order no.	PU
Berker K.1 K.5		
polar white glossy	8514 21 79	1
anthracite matt, lacquered	8514 21 75	1
aluminium, matt, lacquered	8514 21 77	1
stainless steel matt, lacquered	8514 21 73	1
Berker R.1 R.3 R.8		
polar white glossy ¹⁾	8514 21 39	1
black glossy ¹⁾	8514 21 31	1

¹⁾no dismantling protection possible

Motion detectors

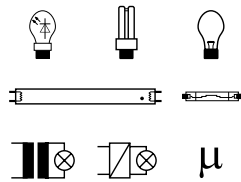
Inserts



Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Minimum contact load	≈ 15 W
230 V LED lamps	440 W
Dimmable energy-saving lamps	440 W
230 V incandescent lamps and halogen lamps	2300 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Fluorescent lamps:	
- uncompensated	1100 VA
- parallel compensated	1000 W / 130 µF
- in Duo circuit	1000 W
- with electronic ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Claw guidance installation depth	32 mm

▶ 896



Not suitable for installation in surface-mounted housing.



Design	Order no.	PU
Relay insert	8512 12 00	1

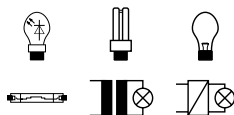


Switch insert 1gang

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- automatic setting of load-dependent switching principle (autoDetect process)
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals



ε

Only suitable for operation with dimmable loads!

Caution!

Only connect **dimmable** 230 V ESL or LED lamps.
Do not connect inductive and capacitive loads jointly.



Design	Order no.	PU
Switch insert 1gang	8512 11 00	1

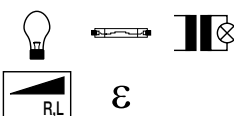


Touch dimmer (R, L)

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of substations	unlimited
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- phase cut-on
- bulb-preserving soft startup
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals



ε



Design	Order no.	PU
Touch dimmer (R, L)	8542 11 00	1

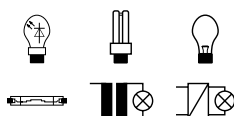


Universal touch dimmer 1gang

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
Dimmable 230 V LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- automatic setting of load-dependent switching principle (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals



ε



Design	Order no.	PU
Universal touch dimmer 1gang	8542 12 00	1

Do not connect inductive and capacitive loads jointly.



Extension unit for motion detector

▶ 896

Operating voltage	230 V~	– low intrinsic energy requirement
Frequency	50/60 Hz	– no conductive connection between supporting ring and spreading claws
Operating temperature	-5 ... +45 °C	– short-circuit and overload proof (electronic fuse)
Cable length, extensions	max. 50 m	– with screw terminals
Number of motion detector extension units	unlimited	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Installation depth	32 mm	



Design	Order no.	PU
Extension unit for motion detector	8532 01 00	1

Motion detector covers



IR motion detector comfort 1.1 m

▶ 896

Nominal mounting height	1.1 m	– low intrinsic energy requirement
Detection field, rectangular shaped	≈ 12 x 16 m	– with button for on/off/automatic
Range, frontal	≈ 12 m	– LED application module/insert compatibility display
Range, side	each ≈ 8 m	– with operation and status LED, red/green/orange
Delay time, adjustable	≈ 10 s ... 30 min	– with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	– party function for switching on for 2 hours
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– teach function for response brightness via button
Short time mode immunity time	200 ms	– with keylock
Operating temperature	-5 ... +45 °C	– step operation with immunity time (e.g. for stair light/impact current circuits)
Assembling height	34 mm	– μ-processor controlled mode of operation
		– with anti-dismantling protection

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the motion detector.
Only suitable for indoor areas!

Suitable for Inserts	Order no.	Page
		page 694

Design	Order no.	PU
--------	-----------	----

Berker S.1 | B.3 | B.7

white glossy	8534 12 82	1
polar white glossy	8534 12 89	1
polar white matt	8534 12 88	1
anthracite matt	8534 12 85	1
aluminium matt, lacquered	8534 12 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8534 12 22	1
polar white velvety	8534 12 29	1
anthracite velvety, lacquered	8534 12 26	1
aluminium velvety, lacquered	8534 12 24	1

Berker K.1 | K.5

polar white glossy	8534 12 79	1
anthracite matt, lacquered	8534 12 75	1
aluminium, matt, lacquered	8534 12 77	1
stainless steel matt, lacquered	8534 12 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8534 12 39	1
black glossy ¹⁾	8534 12 31	1



¹⁾ no dismantling protection possible



IR motion detector comfort 2.2 m

▶ 896

Nominal mounting height	2.2 m	– low intrinsic energy requirement
Detection field, rectangular shaped	≈ 8 x 12 m	– with button for on/off/automatic
Range, frontal	≈ 8 m	– LED application module/insert compatibility display
Range, side	each ≈ 6 m	– with operation and status LED, red/green/orange
Delay time, adjustable	≈ 10 s ... 30 min	– with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	– party function for switching on for 2 hours
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– teach function for response brightness via button
Short time mode immunity time	200 ms	– with keylock
Operating temperature	-5 ... +45 °C	– step operation with immunity time (e.g. for stair light/ impact current circuits)
Assembling height	34 mm	– μ-processor controlled mode of operation
		– with anti-dismantling protection

Only suitable for indoor areas!

Suitable for Inserts Order no. Page page 694

Design Order no. PU

Berker S.1 | B.3 | B.7

white glossy	8534 22 82	1
polar white glossy	8534 22 89	1
polar white matt	8534 22 88	1
anthracite matt	8534 22 85	1
aluminium matt, lacquered	8534 22 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8534 22 22	1
polar white velvety	8534 22 29	1
anthracite velvety, lacquered	8534 22 26	1
aluminium velvety, lacquered	8534 22 24	1

Berker K.1 | K.5

polar white glossy	8534 22 79	1
anthracite matt, lacquered	8534 22 75	1
aluminium, matt, lacquered	8534 22 77	1
stainless steel matt lacquered	8534 22 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8534 22 39	1
black glossy ¹⁾	8534 22 31	1

¹⁾ no dismantling protection possible



Motion detector 1.1 m

▶ 896

Nominal mounting height	1.1 m	– low intrinsic energy requirement
Detection field, rectangular shaped	≈ 12 x 16 m	– with button for on/off/automatic
Range, frontal	≈ 12 m	– LED application module/insert compatibility display
Range, side	each ≈ 8 m	– with operation and status LED, red/green/orange
Delay time	≈ 180 s	– with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	– party function for switching on for 2 hours
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– teach function for response brightness via button
Operating temperature	-5 ... +45 °C	– with keylock
Assembling height	34 mm	– μ-processor controlled mode of operation
		– with anti-dismantling protection

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the motion detector.
Only suitable for indoor areas!

Suitable for Inserts Order no. Page page 694

Design Order no. PU

Berker S.1 | B.3 | B.7

white glossy	8534 11 82	1
polar white glossy	8534 11 89	1
polar white matt	8534 11 88	1
anthracite matt	8534 11 85	1
aluminium matt, lacquered	8534 11 83	1





Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8534 11 22	1
polar white velvety	8534 11 29	1
anthracite velvety, lacquered	8534 11 26	1
aluminium velvety, lacquered	8534 11 24	1



Berker K.1 | K.5

polar white glossy	8534 11 79	1
anthracite matt, lacquered	8534 11 75	1
aluminium, matt, lacquered	8534 11 77	1
stainless steel matt, lacquered	8534 11 73	1



Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8534 11 39	1
black glossy ¹⁾	8534 11 31	1

¹⁾no dismantling protection possible



Motion detector 2.2 m

Nominal mounting height	2.2 m	– low intrinsic energy requirement
Detection field, rectangular shaped	≈ 8 x 12 m	– with button for on/off/automatic
Range, frontal	≈ 8 m	– LED application module/insert compatibility display
Range, side	each ≈ 6 m	– with operation and status LED, red/green/orange
Delay time	≈ 180 s	– with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	– party function for switching on for 2 hours
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– teach function for response brightness via button
Operating temperature	-5 ... +45 °C	– with keylock
Assembling height	34 mm	– µ-processor controlled mode of operation
		– with anti-dismantling protection

▶ 896



Only suitable for indoor areas!

Suitable for Inserts Order no. Page page 694

Design Order no. PU

Berker S.1 | B.3 | B.7

white glossy	8534 21 82	1
polar white glossy	8534 21 89	1
polar white matt	8534 21 88	1
anthracite matt	8534 21 85	1
aluminium matt, lacquered	8534 21 83	1



Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8534 21 22	1
polar white velvety	8534 21 29	1
anthracite velvety, lacquered	8534 21 26	1
aluminium velvety, lacquered	8534 21 24	1



Berker K.1 | K.5

polar white glossy	8534 21 79	1
anthracite matt, lacquered	8534 21 75	1
aluminium, matt, lacquered	8534 21 77	1
stainless steel matt lacquered	8534 21 73	1



Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8534 21 39	1
black glossy ¹⁾	8534 21 31	1

¹⁾no dismantling protection possible

Blind control



μ IP20



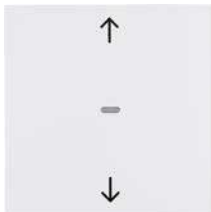
Blind insert comfort

▶ 896

Operating voltage	230 V~	– low intrinsic energy requirement
Frequency	50/60 Hz	– for single, group and master controls
Switching current (ohmic/inductive)	max. 5 A	– with 230 V extension unit inputs for up and down
Switching current at cos φ = 0.6	max. 3 A	– no conductive connection between supporting ring and spreading claws
Change-over time for change of direction	< 0.6 s	– with 2 mechanically and electrically mutually-locked relay contacts
Number of substations	unlimited	– circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
Operating temperature	-5 ... +45 °C	– with screw terminals
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Claw guidance installation depth	32 mm	

	Suitable for optional	Order no.	Page
Design	Cutoff relay		page 95
Blind insert comfort	Interface surface-mounted for wind sensor	173 ..	94
	Precipitation sensor	183 01 ..	94
	Order no.		PU
	8522 11 00		1

Blind covers



Blind button

▶ 896

Delay time, adjustable	0 s ... 500 s	– low intrinsic energy requirement
Venetian blind movement time	2 min	– LED application module/insert compatibility display
Change-over time for change of direction	< 0.6 s	– with indicator LED for lock-out protection
Minimum slat adjustment time	≈ 250 ms	– with status LED for memory and party function, red/orange
Operating temperature	-5 ... +45 °C	– memory function for automatic execution of learned up and down times with position
Can be switched to orientation led by extension unit.		– party function, no execution of automatic, radio and extension unit commands (lock-out protection)
		– with imprinted symbol arrows
		– with anti-dismantling protection

	Suitable for	Order no.	Page
Design	Blind insert comfort	8522 11 00	92
	Order no.		PU

Berker S.1 | B.3 | B.7

white glossy	8524 11 82	1
polar white glossy	8524 11 89	1
polar white matt	8524 11 88	1
anthracite matt	8524 11 85	1
aluminium matt, lacquered	8524 11 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8524 11 22	1
polar white velvety	8524 11 29	1
anthracite velvety, lacquered	8524 11 26	1
aluminium velvety, lacquered	8524 11 24	1

Berker K.1 | K.5

polar white glossy	8524 11 79	1
anthracite matt, lacquered	8524 11 75	1
aluminium, matt, lacquered	8524 11 77	1
stainless steel matt, lacquered	8524 11 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8524 11 39	1
black glossy ¹⁾	8524 11 31	1



¹⁾ no dismantling protection possible



Blind time switch

- display



Running time	2 min
Number of operation times for up/down	20
Change-over time for change of direction	< 0.6 s
Astronomic time shift	± 2 h
Random number generator	± 15 min
Power reserve	≈ 24 h
Minimum slat adjustment time	≈ 250 ms
Operating temperature	-5 ... +45 °C

Can be switched to orientation led by extension unit.
Control using device buttons and programmed switching times.

- low intrinsic energy requirement
- LC display illuminated during operation
- LC display contrast is adjustable
- indication of the application module/insert compatibility in the display
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- 2 independent preset programme memories, individually adaptable
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- with keylock
- reset function (to factory setting)
- with automatic summer-/winter time switching (can be switched off)
- with anti-dismantling protection

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	92

Design	Order no.	PU
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Berker S.1 | B.3 | B.7

white glossy	8574 11 82	1
polar white glossy	8574 11 89	1
polar white matt	8574 11 88	1
aluminium matt, lacquered	8574 11 83	1
anthracite matt	8574 11 85	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8574 11 22	1
polar white velvety	8574 11 29	1
anthracite velvety, lacquered	8574 11 26	1
aluminium velvety, lacquered	8574 11 24	1

Berker K.1 | K.5

polar white glossy	8574 11 79	1
anthracite matt, lacquered	8574 11 75	1
aluminium, matt, lacquered	8574 11 77	1
stainless steel matt lacquered	8574 11 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8574 11 39	1
black glossy ¹⁾	8574 11 31	1

¹⁾ no dismantling protection possible



Expandable with KNX as desired.

Some suppliers of smart home solutions offer systems which are proprietary; in other words, self-contained. Berker, on the other hand, consistently works with the established KNX standard. As a result, our systems speak the same 'language' and can be expanded as desired – and with the IoT Controller now also to devices from the 'Internet of Things'. This way you can guarantee a completely future-proof system for your customers.

quicklink

The solution for modernisations
Our wireless alternative for intelligent building control. Time-consuming installation of control lines eliminated and extremely simple commissioning, because no programming tool is needed.

easy

For new construction and extensive renovation. With easy you can configure a KNX system easily, quickly and intuitively. All you need is an easy configuration server, a tablet and the easy app. Every Easy configuration can be extended by means of quicklink wireless solutions.

ETS

ETS is the standardised software that is especially well-suited for larger building automation systems. Numerous advanced functions and logic systems available for high-and solutions for residential and functional buildings can be engineered with ETS.



Berker offers a compatible range of **KNX systems** for all kinds of applications:

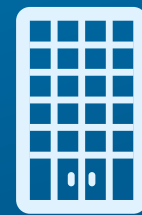
IoT
(Internet of Things)



quicklink



easy



ETS

KNX Standard



coviva

Intelligent retrofit wireless technology. The smart home solution specifically for modernising and renovation contractors.



domovea

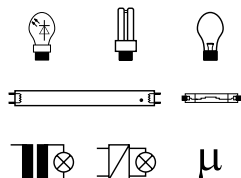
Intelligent visualisation, intuitive control – and simpler than ever before. domovea is the smart home solution offered for networked building control.

* coviva smartbox is compatible only with quicklink installations.

Light control

Switch inserts

Relay insert



Operating voltage	230 V~	
Frequency	50/60 Hz	
Minimum contact load	≈ 15 W	
230 V LED lamps	440 W	
Dimmable energy-saving lamps	440 W	
230 V incandescent lamps and halogen lamps	2300 W	
Dimmable conventional transformers	1500 VA	
Electronic transformers and dual-mode transformers	1500 W	
Fluorescent lamps:		
- uncompensated	1100 VA	
- parallel compensated	1000 W /130 μF	
- in Duo circuit	1000 W	
- with electronic ballast (EB)	1000 W	
Compact fluorescent lamps with electronic ballast	22 x 20 W	
Number of substations	unlimited	
Operating temperature	-5 ... +45 °C	
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Claw guidance installation depth	32 mm	

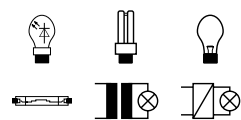
- ▶ 896
- low intrinsic energy requirement
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- also usable as push-button relay switch
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Not suitable for installation in surface-mounted housing.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Relay insert	8512 12 00	1

Switch insert 1gang



Operating voltage	230 V~	
Frequency	50/60 Hz	
Dimmable 230 V LED lamps	5 ... 70 W	
Dimmable energy-saving lamps	13 ... 80 W	
230 V incandescent lamps and halogen lamps	25 ... 400 W	
Dimmable conventional transformers	25 ... 400 VA	
Electronic transformers and dual-mode transformers	25 ... 400 W	
Number of substations	unlimited	
Operating temperature	-5 ... +45 °C	
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Installation depth	32 mm	

- ▶ 896
- low intrinsic energy requirement
- automatic setting of load-dependent switching principle (autoDetect process)
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Only suitable for operation with dimmable loads!

Caution!

Only connect **dimnable** 230 V ESL or LED lamps.
Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

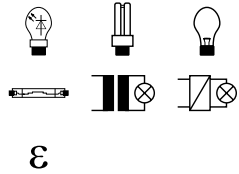


Design	Order no.	PU
Switch insert 1gang	8512 11 00	1



Switch insert 2gang

▶ 896



Operating voltage	230 V~	
Frequency	50/60 Hz	
Dimmable 230 V LED lamps	per channel 12 ... 54 W	
Dimmable energy-saving lamps	per channel 15 ... 54 W	
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W	
Dimmable conventional transformers	per channel 35 ... 300 VA	
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W	
Number of substations	unlimited	
Operating temperature	-5 ... +45 °C	
Cable length, extensions	max. per channel 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Installation depth	32 mm	

- low intrinsic energy requirement
- automatic setting of load-dependent switching principle (autoDetect process)
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Only suitable for operation with dimmable loads!

Caution!

Only connect **dimmable** 230 V ESL or LED lamps.
Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



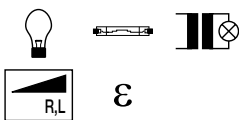
Design	Order no.	PU
Switch insert 2gang	8512 22 00	1

Dimmer inserts



Touch dimmer (R, L)

▶ 896



Operating voltage	230 V~	
Frequency	50/60 Hz	
Power consumption (standby)	0.3 W	
230 V incandescent lamps and halogen lamps	25 ... 400 W	
Dimmable conventional transformers	25 ... 400 VA	
Number of universal capacity enhancers	max. 2	
Number of substations	unlimited	
Operating temperature	-5 ... +45 °C	
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Installation depth	32 mm	

- low intrinsic energy requirement
- phase cut-on
- bulb-preserving soft startup
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Touch dimmer (R, L)	8542 11 00	1

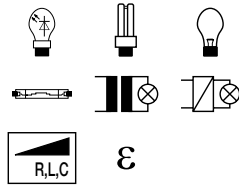


Universal touch dimmer 1gang

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
Dimmable 230 V LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- automatic setting of load-dependent switching principle (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Universal touch dimmer 1gang	8542 12 00	1

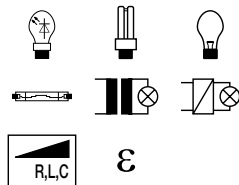


Universal touch dimmer 2gang

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption, standby (Channel 1/Channel 2)	0.3/0.7 W
Dimmable 230 V LED lamps	per channel 12 ... 40 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- automatic setting of load-dependent switching principle (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Universal touch dimmer 2gang	8542 21 00	1

DALI/DSI control devices



DALI/DSI control insert

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- automatic detection of DALI/DSI devices
DALI voltage	16 V= (10.5 ... 22.5 V=)	- remote control with KNX radio hand-held/wall-transmitters in combination with KNX radio buttons
Output current	max. 40 mA	- switch-on brightness level can be stored safe after power failure
Power consumption (standby)	< 0.4 W	- automatic selection of operating mode (active/passive)
Number of substations	unlimited	- supplies the system voltage for additional DALI users when connected to mains voltage
Quantity of DALI/DSI devices:		- with extension unit input for push-button (NO contact)
- active operation	max. 20	- control information is send centrally to all users in the DALI/DSI network (Broadcast)
- passive operation (with external power supply)	max. 64	- with electronic short-circuit and overload protection
Operating temperature	-5 ... +45 °C	- for switching and controlling of electronic ballasts and Tronic transformers with DALI/DSI interface
Cable length, extensions	max. 100 m	- no conductive connection between supporting ring and spreading claws
DALI cable length at 1.5 mm ²	max. 300 m	- with screw terminals
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Installation depth	32 mm	

Not suitable for combining with other DALI systems.

DALI Bus communication in Broadcast mode according to IEC 62386-102



Design	Order no.	PU
DALI/DSI control insert	8542 17 00	1

KNX radio buttons for switches/dimmers



KNX radio button 1gang quicklink

▶ 896

Number of radio channels	2	- low intrinsic energy requirement
Radio transmission/reception frequency	868.3 MHz	- with configuration and function button
Radio transmission power	< 10 mW	- LED application module/insert compatibility display
Radio protocol	KNX Radio	- with configuration and function LEDs
Number of quicklink links	max. 20 transmitter/receiver	- operating areas configurable as one or two-area operation
Radio transmission range (building)	max. 30 m	- quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
Radio transmission range (free field)	max. 100 m	- easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
Transmitter duty cycle	1 %	- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, priority
Receiver category	2	- configurable transmission and/or reception behaviour
Operating temperature	-5 ... +45 °C	- reset function (to factory setting)
For manual actuation or remote control via KNX radio.		- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
		- scene saving lockable
		- top and bottom operating area on 1gang switching/dimming inserts and network insert are freely configurable
		- toolless quicklink configuration using buttons and LED display
		- with anti-dismantling protection
		- integration in the KNX TP system using KNX radio media coupler

Suitable for	Order no.	Page
Relay insert	8512 12 00	36
Switch insert 1gang	8512 11 00	37
Touch dimmer (R, L)	8542 11 00	38
Universal touch dimmer 1gang	8542 12 00	38
DALI/DSI control insert	8542 17 00	39
Power supply for KNX radio application module	8502 01 00	734
optional		
coviva Smartbox	9000 00 00	734

Design	Order no.	PU
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Berker S.1 | B.3 | B.7

white glossy	8514 51 82	1
polar white glossy	8514 51 89	1
polar white matt	8514 51 88	1
anthracite matt	8514 51 85	1
aluminium, matt, lacquered	8514 51 83	1





Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8514 51 22	1
polar white velvety	8514 51 29	1
anthracite velvety, lacquered	8514 51 26	1
aluminium velvety, lacquered	8514 51 24	1



Berker K.1 | K.5

polar white glossy	8514 51 79	1
anthracite matt, lacquered	8514 51 75	1
aluminium, matt, lacquered	8514 51 77	1
stainless steel matt, lacquered	8514 51 73	1



Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8514 51 39	1
black glossy ¹⁾	8514 51 31	1

¹⁾no dismantling protection possible



KNX radio button 2gang quicklink

▶ 896

Number of radio channels	4	– low intrinsic energy requirement
Radio transmission/reception frequency	868.3 MHz	– with configuration and function button
Radio transmission power	< 10 mW	– LED application module/insert compatibility display
Radio protocol	KNX Radio	– with configuration and function LEDs
Number of quicklink links	max. 20 transmitter/receiver	– operating areas configurable as one or two-area operation
Radio transmission range (building)	max. 30 m	– quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
Radio transmission range (free field)	max. 100 m	– easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
Transmitter duty cycle	1 %	– ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, priority
Receiver category	2	– configurable transmission and/or reception behaviour
Operating temperature	-5 ... +45 °C	– reset function (to factory setting)
For manual actuation or remote control via KNX radio.		– switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
		– scene saving lockable
		– top and bottom operating areas on 2gang switching/dimming inserts and network insert are freely configurable
		– toolless quicklink configuration using buttons and LED display
		– with anti-dismantling protection
		– integration in the KNX TP system using KNX radio media coupler

Suitable for	Order no.	Page
Switch insert 2gang	8512 22 00	37
Universal touch dimmer 2gang	8542 21 00	39
Power supply for KNX radio application module	8502 01 00	734
optional		
coviva Smartbox	9000 00 00	734

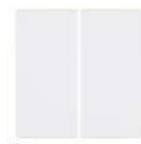
Design Order no. PU

Berker S.1 | B.3 | B.7

white glossy	8514 61 82	1
polar white glossy	8514 61 89	1
polar white matt	8514 61 88	1
anthracite matt	8514 61 85	1
aluminium, matt, lacquered	8514 61 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8514 61 22	1
polar white velvety	8514 61 29	1
anthracite velvety, lacquered	8514 61 26	1
aluminium velvety, lacquered	8514 61 24	1



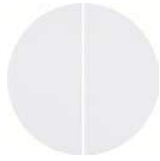
Design	Order no.	PU
Berker K.1 K.5		
polar white glossy	8514 61 79	1
anthracite matt, lacquered	8514 61 75	1
aluminium, matt, lacquered	8514 61 77	1
stainless steel matt, lacquered	8514 61 73	1
Berker R.1 R.3 R.8		
polar white glossy ¹⁾	8514 61 39	1
black glossy ¹⁾	8514 61 31	1

¹⁾no dismantling protection possible

KNX radio button 4gang quicklink		896
Number of radio channels	4	– low intrinsic energy requirement
Radio transmission/reception frequency	868.3 MHz	– with configuration and function button
Radio transmission power	< 10 mW	– LED application module/insert compatibility display
Radio protocol	KNX Radio	– with configuration and function LEDs
Number of quicklink links	max. 20 transmitter/receiver	– operating areas configurable as one or two-area operation
Radio transmission range (building)	max. 30 m	– quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
Radio transmission range (free field)	max. 100 m	– easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
Transmitter duty cycle	1 %	– ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, priority
Receiver category	2	– functions for the push-button operation areas up/down or left/right can be freely configured as receiver for controlling the connected load and as transmitter for remote control of a blind, for example
Operating temperature	-5 ... +45 °C	– configurable transmission and/or reception behaviour
Extended operating options on 1gang inserts through 2 additional, freely-configurable radio channels.		– reset function (to factory setting)
For manual actuation or remote control via KNX radio.		– switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
		– scene saving lockable
		– toolless quicklink configuration using buttons and LED display
		– with anti-dismantling protection
		– integration in the KNX TP system using KNX radio media coupler

Suitable for	Order no.	Page
Switch inserts		page 703
Dimmer inserts		page 704
DALI/DSI control insert	8542 17 00	39
Power supply for KNX radio application module	8502 01 00	734
optional		
coviva Smartbox	9000 00 00	734

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	8564 81 82	1
polar white glossy	8564 81 89	1
polar white matt	8564 81 88	1
anthracite matt	8564 81 85	1
aluminium, matt, lacquered	8564 81 83	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	8564 81 22	1
polar white velvety	8564 81 29	1
anthracite velvety, lacquered	8564 81 26	1
aluminium velvety, lacquered	8564 81 24	1
Berker K.1 K.5		
polar white glossy	8564 81 79	1
anthracite matt, lacquered	8564 81 75	1
aluminium, matt, lacquered	8564 81 77	1
stainless steel matt lacquered	8564 81 73	1



Design	Order no.	PU
Berker R.1 R.3 R.8		
polar white glossy ¹⁾	8564 81 39	1
black glossy ¹⁾	8564 81 31	1

¹⁾ no dismantling protection possible

KNX radio time switches



Relay insert

▶ 896

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Minimum contact load	≈ 15 W	
230 V LED lamps	440 W	- also usable as push-button relay switch
Dimmable energy-saving lamps	440 W	- no conductive connection between supporting ring and spreading claws
230 V incandescent lamps and halogen lamps	2300 W	- with screw terminals
Dimmable conventional transformers	1500 VA	
Electronic transformers and dual-mode transformers	1500 W	
Fluorescent lamps:		
- uncompensated	1100 VA	
- parallel compensated	1000 W /130 μF	
- in Duo circuit	1000 W	
- with electronic ballast (EB)	1000 W	
Compact fluorescent lamps with electronic ballast	22 x 20 W	
Number of substations	unlimited	
Operating temperature	-5 ... +45 °C	
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Claw guidance installation depth	32 mm	

Not suitable for installation in surface-mounted housing.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Relay insert	8512 12 00	1



KNX radio timer quicklink

- display

Number of radio channels		1
Radio transmission/reception frequency		868.3 MHz
Radio transmission power		< 10 mW
Radio protocol		KNX Radio
Number of quicklink links	max. 20 transmitter/receiver	
Radio transmission range (building)		max. 30 m
Radio transmission range (free field)		max. 100 m
Number of switching times for on/off		20
Random number generator		± 15 min
Astronomic time shift		± 2 h
Running accuracy	± 3 min/year	
Power reserve	≈ 24 h	
Operating temperature		-5 ... +45 °C

Control using device buttons, radio transmitters and programmed switching times.

- low intrinsic energy requirement
- with switchover manual/automatic mode
- LC display illuminated during operation
- LC display contrast is adjustable
- indication of the application module/insert compatibility in the display
- menu guidance available in German, English or French
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the switching times in automatic operation
- standalone programme, radio and extension unit commands are not executed
- 2 independent preset programme memories, individually adaptable
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
- ETS additional functions: +6 scenes, operating mode on/off, scene loading, time dimming value, push-button, status display
- party function, no execution of automatic, radio and extension unit commands (switch protection)
- configurable transmission and/or reception behaviour
- with keylock
- reset function (to factory setting)
- with automatic summer-/winter time switching (can be switched off)
- with anti-dismantling protection
- integration in the KNX TP system using KNX radio media coupler

▶ 896

Suitable for	Order no.	Page
Relay insert	8512 12 00	36
Power supply for KNX radio application module	8502 01 00	734
optional		
coviva Smartbox	9000 00 00	734
Order no.		PU

Design

Berker S.1 | B.3 | B.7

white glossy	8574 52 82	1
polar white glossy	8574 52 89	1
polar white matt	8574 52 88	1
anthracite matt	8574 52 85	1
aluminium, matt, lacquered	8574 52 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8574 52 22	1
polar white velvety	8574 52 29	1
anthracite velvety, lacquered	8574 52 26	1
aluminium velvety, lacquered	8574 52 24	1

Berker K.1 | K.5

polar white glossy	8574 52 79	1
anthracite matt, lacquered	8574 52 75	1
aluminium, matt, lacquered	8574 52 77	1
stainless steel matt lacquered	8574 52 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8574 52 39	1
black glossy ¹⁾	8574 52 31	1

¹⁾no dismantling protection possible



Motion detectors

Inserts

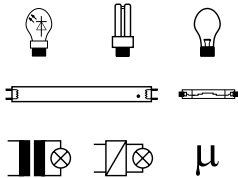


Relay insert

▶ 896

Operating voltage	230 V~	
Frequency	50/60 Hz	
Minimum contact load	≈ 15 W	
230 V LED lamps	440 W	
Dimmable energy-saving lamps	440 W	
230 V incandescent lamps and halogen lamps	2300 W	
Dimmable conventional transformers	1500 VA	
Electronic transformers and dual-mode transformers	1500 W	
Fluorescent lamps:		
- uncompensated	1100 VA	
- parallel compensated	1000 W /130 µF	
- in Duo circuit	1000 W	
- with electronic ballast (EB)	1000 W	
Compact fluorescent lamps with electronic ballast	22 x 20 W	
Number of substations	unlimited	
Operating temperature	-5 ... +45 °C	
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Claw guidance installation depth	32 mm	

- low intrinsic energy requirement
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- also usable as push-button relay switch
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Not suitable for installation in surface-mounted housing.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Relay insert	8512 12 00	1



Switch insert 1gang

▶ 896

Operating voltage	230 V~	
Frequency	50/60 Hz	
Dimmable 230 V LED lamps	5 ... 70 W	
Dimmable energy-saving lamps	13 ... 80 W	
230 V incandescent lamps and halogen lamps	25 ... 400 W	
Dimmable conventional transformers	25 ... 400 VA	
Electronic transformers and dual-mode transformers	25 ... 400 W	
Number of substations	unlimited	
Operating temperature	-5 ... +45 °C	
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Installation depth	32 mm	

- low intrinsic energy requirement
- automatic setting of load-dependent switching principle (autoDetect process)
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Only suitable for operation with dimmable loads!
Caution!
Only connect **dimmable** 230 V ESL or LED lamps.
Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Switch insert 1gang	8512 11 00	1

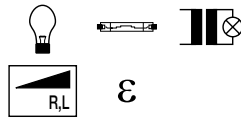


Touch dimmer (R, L)

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- phase cut-on
- bulb-preserving soft startup
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Touch dimmer (R, L)	8542 11 00	1

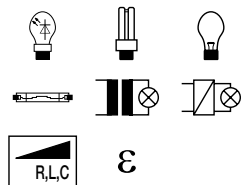


Universal touch dimmer 1gang

▶ 896

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
Dimmable 230 V LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Installation depth	32 mm

- low intrinsic energy requirement
- automatic setting of load-dependent switching principle (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

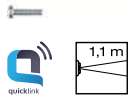


Design	Order no.	PU
Universal touch dimmer 1gang	8542 12 00	1

KNX radio motion detector covers

KNX radio motion detector comfort 1.1 m quicklink

▶ 896



Number of radio channels	1	– low intrinsic energy requirement
Radio transmission frequency	868.3 MHz	– with configuration and function button
Radio transmission power	< 10 mW	– with button for on/off/automatic/memory/party function
Radio protocol	KNX Radio	– LED application module/insert compatibility display
Number of quicklink links	max. 20 transmitter/receiver	– with operation and status LED, red/green/orange
Radio transmission range (building)	max. 30 m	– with configuration and function LEDs
Radio transmission range (free field)	max. 100 m	– remote control via quicklink transmitter
Transmitter duty cycle	1 %	– quicklink functions: switching, dimming, 2 scenes, switching time, NO contact push-button, priority, Master-Slave
Receiver category	2	– ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, scene call-up upon motion/no motion
Nominal mounting height	1.1 m	– with memory function for presence simulation
Detection angle, settable	each side ≈ 45 ... 90°	– party function for switching on for 2 hours
Detection field, rectangular shaped	≈ 12 x 16 m	– teach function for response brightness via button
Range, frontal	≈ 12 m	– with keylock
Range, side	each ≈ 8 m	– reset function (to factory setting)
Delay time, adjustable	≈ 1 s ... 3 h	– switch-off pre-warning on dimmer inserts
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– scene opening via KNX radio appliances
Response sensitivity, settable	≈ 10 ... 100 %	– scene saving lockable
Switch-off pre-warning to dimming value 50% for	30 s	– μ-processor controlled mode of operation
Operating temperature	-5 ... +45 °C	– optional operation of extension units using installation push-button
Assembling height	34 mm	– with anti-dismantling protection
		– integration in the KNX TP system using KNX radio media coupler

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the motion detector.
Only suitable for indoor areas!

Suitable for	Order no.	Page
Inserts		page 711
Power supply for KNX radio application module	8502 01 00	734
optional		
coviva Smartbox	9000 00 00	734
Order no.		PU

Design

Berker S.1 | B.3 | B.7

white glossy	8534 51 82	1
polar white glossy	8534 51 89	1
polar white matt	8534 51 88	1
anthracite matt	8534 51 85	1
aluminium, matt, lacquered	8534 51 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8534 51 22	1
polar white velvety	8534 51 29	1
anthracite velvety, lacquered	8534 51 26	1
aluminium velvety, lacquered	8534 51 24	1

Berker K.1 | K.5

polar white glossy	8534 51 79	1
anthracite matt, lacquered	8534 51 75	1
aluminium, matt, lacquered	8534 51 77	1
stainless steel matt lacquered	8534 51 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8534 51 39	1
black glossy ¹⁾	8534 51 31	1



¹⁾ no dismantling protection possible



KNX radio motion detector comfort 2.2 m quicklink

▶ 896

Number of radio channels	1	– low intrinsic energy requirement
Radio transmission frequency	868.3 MHz	– with configuration and function button
Radio transmission power	< 10 mW	– with button for on/off/automatic/memory/party function
Radio protocol	KNX Radio	– LED application module/insert compatibility display
Number of quicklink links	max. 20 transmitter/receiver	– with operation and status LED, red/green/orange
Radio transmission range (building)	max. 30 m	– with configuration and function LEDs
Radio transmission range (free field)	max. 100 m	– remote control via quicklink transmitter
Transmitter duty cycle	1 %	– quicklink functions: switching, dimming, 2 scenes, switching time, NO contact push-button, priority, Master-Slave
Receiver category	2	– ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, scene call-up upon motion/no motion
Nominal mounting height	2.2 m	– with memory function for presence simulation
Detection angle, settable	each side ≈ 45 ... 90°	– party function for switching on for 2 hours
Detection field, rectangular shaped	≈ 8 x 12 m	– teach function for response brightness via button
Range, frontal	≈ 8 m	– with keylock
Range, frontal (at 1.1 m installation height)	≈ 4 m	– reset function (to factory setting)
Range, side	each ≈ 6 m	– switch-off pre-warning on dimmer inserts
Range, side (at 1.1 m installation height)	each ≈ 3 m	– scene opening via KNX radio appliances
Delay time, adjustable	≈ 1 s ... 3 h	– scene saving lockable
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– μ-processor controlled mode of operation
Response sensitivity, settable	≈ 10 ... 100 %	– optional operation of extension units using installation push-button
Switch-off pre-warning to dimming value 50% for	30 s	– with anti-dismantling protection
Operating temperature	-5 ... +45 °C	– integration in the KNX TP system using KNX radio media coupler
Assembling height	34 mm	

Only suitable for indoor areas!

Suitable for	Order no.	Page
Inserts		page 711
Power supply for KNX radio application module	8502 01 00	734
optional		
coviva Smartbox	9000 00 00	734

Design Order no. PU

Berker S.1 | B.3 | B.7

white glossy	8534 61 82	1
polar white glossy	8534 61 89	1
polar white matt	8534 61 88	1
anthracite matt	8534 61 85	1
aluminium, matt, lacquered	8534 61 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8534 61 22	1
polar white velvety	8534 61 29	1
anthracite velvety, lacquered	8534 61 26	1
aluminium velvety, lacquered	8534 61 24	1

Berker K.1 | K.5

polar white glossy	8534 61 79	1
anthracite matt, lacquered	8534 61 75	1
aluminium, matt, lacquered	8534 61 77	1
stainless steel matt lacquered	8534 61 73	1

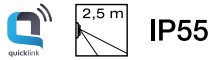
Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8534 61 39	1
black glossy ¹⁾	8534 61 31	1

¹⁾ no dismantling protection possible



Outdoor motion detector surface-mounted



KNX radio motion detector 220° surface-mounted

▶ 896

Operating voltage	4.5 V=	– low intrinsic energy requirement
Number of radio channels	1	– with configuration button
Radio transmission frequency	868.3 MHz	– with battery status indicator
Radio transmission power	< 10 mW	– with configuration LED
Radio protocol	KNX Radio	– with LED detection indicator
Number of quicklink links	max. 20 transmitter/receiver	– quicklink functions: time switching, NO contact push-button
Radio transmission range (building)	max. 30 m	– ETS additional functions: operating mode on/off, push-button, dimming value, brightness display, scene call-up upon motion/no motion
Radio transmission range (free field)	max. 100 m	– reset function (to factory setting)
Transmitter duty cycle	1 %	– µ-processor controlled mode of operation
Receiver category	2	– toolless quicklink configuration using buttons and LED display
Lockout time	10 s	– with crawl-under protection
Recommended installation height	≈ 2.5 m	– with 3 Micro, alkaline batteries AAA LR03
Detection angle	220°	– wall retaining plate and fastening material included in scope of delivery
Detection field, semi-oval shaped	≈ 16 x 16 m	– vertically slewing and horizontally rotating
Range, frontal	≈ 16 m	– with cover elements to limit the detection field
Range, side	each ≈ 8 m	– integration in the KNX TP system using KNX radio media coupler
Delay time, adjustable	≈ 1 s ... 3 h	– for wall and ceiling installation, corner installation with adapter
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	
Response sensitivity, settable	≈ 20 ... 100 %	
Battery service life [years]	≈ 4	
Operating temperature	-20 ... +55 °C	
Dimensions (W x H x D)	91 x 130 x 153 mm	

Suitable for optional	Order no.	Page
Surface-mounted corner mounting adapter for 8590 02 00 motion detector		716



Design	Order no.	PU
polar white matt	8536 51 00	1



KNX radio motion detector 220° solar

▶ 896

Operating voltage	4.5 V=	– low intrinsic energy requirement
Number of radio channels	1	– with configuration button
Radio transmission frequency	868.3 MHz	– with configuration LED
Radio transmission power	< 10 mW	– with LED detection indicator
Radio protocol	KNX Radio	– quicklink functions: time switching, NO contact push-button
Number of quicklink links	max. 20 transmitter/receiver	– easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control, scene call-up upon motion/no motion
Radio transmission range (building)	max. 30 m	– ETS additional functions: operating mode on/off, push-button, dimming value, brightness display, scene call-up upon motion/no motion
Radio transmission range (free field)	max. 100 m	– reset function (to factory setting)
Transmitter duty cycle	1 %	– µ-processor controlled mode of operation
Receiver category	2	– not dependent on mains power
Lockout time	10 s	– toolless quicklink configuration using buttons and LED display
Recommended installation height	≈ 2.5 m	– with crawl-under protection
Detection angle	220°	– wall retaining plate and fastening material included in scope of delivery
Detection field, semi-oval shaped	≈ 16 x 16 m	– vertically slewing and horizontally rotating
Range, frontal	≈ 16 m	– with cover elements to limit the detection field
Range, side	each ≈ 8 m	– integration in the KNX TP system using KNX radio media coupler
Delay time, adjustable	≈ 1 s ... 3 h	– for wall and ceiling installation, corner installation with adapter
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	
Response sensitivity, settable	≈ 20 ... 100 %	
Required brightness for storage battery charging	min. 1000 lx	
Operating temperature	-20 ... +55 °C	
Dimensions (W x H x D)	91 x 130 x 153 mm	

Suitable for optional	Order no.	Page
Surface-mounted corner mounting adapter for 8590 02 00 motion detector		716



Design	Order no.	PU
polar white matt	8536 52 00	1



**KNX radio motion detector 220° surface-mounted/
switch actuator 1gang surface-mounted set**

▶ 896

Set consists of:
- KNX radio motion detector 220°,
surface-mounted, order no. 8536 51 00
- switch actuator, 1gang,
surface-mounted, order no. 8516 51 00

- low intrinsic energy requirement
- the motion detector (transmitter) and switch actuator (receiver) are pre-configured for joint use

Suitable for optional	Order no.	Page
Surface-mounted corner mounting adapter for 8590 02 00 motion detector		716



Design	Order no.	PU
polar white matt/white	8536 51 99	1



Surface-mounted corner mounting adapter for motion detector

- for mounting, e.g. on building corners

Suitable for	Order no.	Page
KNX radio motion detector 220° surface-mounted	8536 51 00	715
KNX radio motion detector 220° solar	8536 52 00	715
KNX radio motion detector 220° surface-mounted/switch actuator 1gang surface-mounted set	8536 51 99	716

Design	Order no.	PU
polar white matt	8590 02 00	1

Blind control



Blind insert comfort

▶ 896

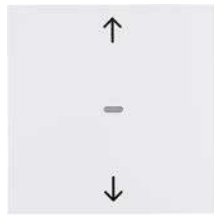
Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- for single, group and master controls
Switching current (ohmic/inductive)	max. 5 A	- with 230 V extension unit inputs for up and down
Switching current at cos φ = 0.6	max. 3 A	- with 2 mechanically and electrically mutually-locked relay contacts
Change-over time for change of direction	< 0.6 s	- no conductive connection between supporting ring and spreading claws
Number of substations	unlimited	- circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
Operating temperature	-5 ... +45 °C	- with screw terminals
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²	
Claw guidance installation depth	32 mm	

Suitable for optional	Order no.	Page
Cutoff relay		page 95
Interface surface-mounted for wind sensor	173	94
Precipitation sensor	183 01	94

Design	Order no.	PU
Blind insert comfort	8522 11 00	1



KNX radio blind covers



KNX radio blind button quicklink

▶ 896

Number of radio channels	1	– low intrinsic energy requirement
Radio transmission/reception frequency	868.3 MHz	– with configuration and function button
Radio transmission power	< 10 mW	– LED application module/insert compatibility display
Radio protocol	KNX Radio	– with configuration and function LEDs
Number of quicklink links	max. 20 transmitter/receiver	– with indicator LED for lock-out protection
Radio transmission range (building)	max. 30 m	– with status LED for memory and party function, red/orange
Radio transmission range (free field)	max. 100 m	– quicklink functions: blind, 2 scenes, forced control, up/down push-button
Venetian blind movement time	2 min	– easy additional functions: +6 scenes, 1 up/down operating mode
Change-over time for change of direction	< 0.6 s	– ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm
Minimum slat adjustment time	≈ 250 ms	– memory function for automatic execution of learned up and down times with position
Lamella adjustment on signal duration	< 1 s	– party function, no execution of automatic, radio and extension unit commands (lock-out protection)
Lamella adjustment on button-press	< 0.4 s	– configurable transmission and/or reception behaviour
Operating temperature	-5 ... +45 °C	– reset function (to factory setting)
Can be switched to orientation led by extension unit.		– scene opening via KNX radio appliances
For manual actuation, automated memory execution or remote control via KNX radio.		– slat position storable for scene
		– toolless quicklink configuration using buttons and LED display
		– with anti-dismantling protection
		– sun protection and twilight-controlled lowering with radio brightness sensor
		– with imprinted symbol arrows
		– integration in the KNX TP system using KNX radio media coupler

Suitable for	Order no.	Page
Power supply for KNX radio application module	8502 01 00	734
optional		
KNX radio brightness sensor	8580 11 00	724
coviva Smartbox	9000 00 00	734
Design	Order no.	PU

Berker S.1 | B.3 | B.7

white glossy	8524 52 82	1
polar white glossy	8524 52 89	1
polar white matt	8524 52 88	1
anthracite matt	8524 52 85	1
aluminium matt, lacquered	8524 52 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8524 52 22	1
polar white velvety	8524 52 29	1
anthracite velvety, lacquered	8524 52 26	1
aluminium velvety, lacquered	8524 52 24	1

Berker K.1 | K.5

polar white glossy	8524 52 79	1
anthracite matt, lacquered	8524 52 75	1
aluminium, matt, lacquered	8524 52 77	1
stainless steel matt, lacquered	8524 52 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8524 52 39	1
black glossy ¹⁾	8524 52 31	1



¹⁾ no dismantling protection possible



KNX radio blind time switch quicklink

▶ 896

- display



Number of radio channels	1
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Random number generator for holiday program	± 15 min
Number of operation times for up/down	20/day
Running time	2 min
Change-over time for change of direction	< 0.6 s
Minimum slat adjustment time	≈ 250 ms
Lamella adjustment on signal duration	< 1 s
Lamella adjustment on button-press	< 0.5 s
Astronomic time shift	± 2 h
Running accuracy	± 3 min/year
Power reserve	≈ 24 h
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- with switchover manual/automatic mode
- LC display illuminated during operation
- LC display contrast is adjustable
- indication of the application module/insert compatibility in the display
- menu guidance available in German, English or French
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- standalone programme, radio and extension unit commands are not executed
- 2 independent preset programme memories, individually adaptable
- quicklink functions for integration into the individual, group and master control of blinds/shutters
- quicklink functions: blind, 2 scenes, forced control, up/down push-button
- easy additional functions: +6 scenes, 1 up/down operating mode
- ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- configurable transmission and/or reception behaviour
- with keylock
- reset function (to factory setting)
- with automatic summer-/winter time switching (can be switched off)
- scene opening via KNX radio appliances
- slat position storable for scene
- with anti-dismantling protection
- sun protection and twilight-controlled lowering with radio brightness sensor
- integration in the KNX TP system using KNX radio media coupler

Can be switched to orientation led by extension unit.
Control using device buttons, radio transmitters and programmed switching times.

Suitable for	Order no.	Page
Blind insert comfort		page 716
Power supply for KNX radio application module	8502 01 00	734
optional		
KNX radio brightness sensor	8580 11 00	724
Order no.		PU

Design

Berker S.1 | B.3 | B.7

white glossy	8574 51 82	1
polar white glossy	8574 51 89	1
polar white matt	8574 51 88	1
anthracite matt	8574 51 85	1
aluminium, matt, lacquered	8574 51 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8574 51 22	1
polar white velvety	8574 51 29	1
anthracite velvety, lacquered	8574 51 26	1
aluminium velvety, lacquered	8574 51 24	1

Berker K.1 | K.5

polar white glossy	8574 51 79	1
anthracite matt, lacquered	8574 51 75	1
aluminium, matt, lacquered	8574 51 77	1
stainless steel matt lacquered	8574 51 73	1

Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8574 51 39	1
black glossy ¹⁾	8574 51 31	1

¹⁾no dismantling protection possible



Transmitter

Hand-held transmitter



KNX radio hand-held transmitter 2-channel

▶ 896

- labelling field



Operating voltage	6 V=
Number of radio channels	2
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Battery service life [years]	≈ 5
Operating temperature	-10 ... +45 °C
Dimensions (L x W x H)	83 x 46.5 x 15.8 mm

- with configuration button
- with side locking buttons
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
- easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- reset function (to factory setting)
- with 2 x lithium coin cell battery 3 V type: CR 2430
- with keyring
- integration in the KNX TP system using KNX radio media coupler

For radio remote control of all assigned KNX radio receivers.

Design	Order no.	PU
polar white/grey, glossy/matt	8560 51 00	1



KNX radio hand-held transmitter 4-channel

▶ 896

- labelling field



Operating voltage	6 V=
Number of radio channels	4
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Battery service life [years]	≈ 5
Operating temperature	-10 ... +45 °C
Dimensions (L x W x H)	83 x 46.5 x 15.8 mm

- with configuration button
- with side locking buttons
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
- easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- reset function (to factory setting)
- with 2 x lithium coin cell battery 3 V type: CR 2430
- with keyring
- integration in the KNX TP system using KNX radio media coupler

For radio remote control of all assigned KNX radio receivers.

Design	Order no.	PU
polar white/grey, glossy/matt	8560 61 00	1



KNX radio hand-held transmitter 6-channel

▶ 896

- labelling field



Operating voltage	6 V=
Number of radio channels	6
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Battery service life [years]	≈ 5
Operating temperature	+0 ... +45 °C
Dimensions (L x W x H)	133.6 x 50.2 x 16 mm

- with configuration LED
- with transmission status and battery status LED, red/green/orange
- quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
- easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- reset function (to factory setting)
- with 2 x lithium coin cell battery 3 V type: CR 2430
- integration in the KNX TP system using KNX radio media coupler

For radio remote control of all assigned KNX radio receivers.



Design	Order no.	PU
polar white velvety	8560 71 00	1



KNX radio hand-held transmitter 18-channel

▶ 896

- labelling field



Operating voltage	6 V=
Number of radio channels	18
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Battery service life [years]	≈ 5
Operating temperature	+0 ... +45 °C
Dimensions (L x W x H)	133.6 x 50.2 x 16 mm

- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with movement and actuation-dependent labelling field illumination
- quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
- easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- reset function (to factory setting)
- with channel group slide switch
- with 2 x lithium coin cell battery 3 V type: CR 2430
- integration in the KNX TP system using KNX radio media coupler

For radio remote control of all assigned KNX radio receivers.



Design	Order no.	PU
white/dark blue	8560 81 00	1

Wall-transmitters



KNX radio wall-transmitter 1gang flat quicklink

▶ 896

Operating voltage	3 V=	- with configuration button
Number of radio channels	2	- with configuration LED
Radio transmission frequency	868.3 MHz	- with transmission status and battery status LED, red/green/orange
Radio transmission power	< 10 mW	- operating areas configurable as one or two-area operation
Radio protocol	KNX Radio	- quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
Number of quicklink links	max. 20 transmitter/receiver	- easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
Radio transmission range (building)	max. 30 m	- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
Radio transmission range (free field)	max. 100 m	- reset function (to factory setting)
Transmitter duty cycle	1 %	- top and bottom operating area are freely configurable
Receiver category	2	- toolless quicklink configuration using buttons and LED display
Battery service life [years]	≈ 5	- with anti-dismantling protection
Operating temperature	-5 ... +45 °C	- with lithium coin cell battery 3 V type: CR 2430
Assembling height	14 mm	- integration in the KNX TP system using KNX radio media coupler
For radio remote control of all assigned KNX radio receivers.		- for flat surface mounting and extension of combinations

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	8565 52 82	1
polar white glossy	8565 52 89	1
polar white matt	8565 52 88	1
anthracite matt	8565 52 85	1
aluminium, matt, lacquered	8565 52 83	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	8565 52 22	1
polar white velvety	8565 52 29	1
anthracite velvety, lacquered	8565 52 26	1
aluminium velvety, lacquered	8565 52 24	1
Berker K.1 K.5		
polar white glossy	8565 52 79	1
anthracite matt, lacquered	8565 52 75	1
aluminium, matt, lacquered	8565 52 77	1
stainless steel matt lacquered	8565 52 73	1
Berker R.1 R.3 R.8		
polar white glossy ¹⁾	8565 52 39	1
black glossy ¹⁾	8565 52 31	1

¹⁾ no dismantling protection possible





KNX radio wall-transmitter 2gang flat quicklink

▶ 896

Operating voltage	3 V=	– with configuration button
Number of radio channels	4	– with configuration LED
Radio transmission frequency	868.3 MHz	– with transmission status and battery status LED, red/green/orange
Radio transmission power	< 10 mW	– operating areas configurable as one or two-area operation
Radio protocol	KNX Radio	– quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
Number of quicklink links	max. 20 transmitter/receiver	– easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
Radio transmission range (building)	max. 30 m	– ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
Radio transmission range (free field)	max. 100 m	– reset function (to factory setting)
Transmitter duty cycle	1 %	– top and bottom operating areas are freely configurable
Receiver category	2	– toolless quicklink configuration using buttons and LED display
Battery service life [years]	≈ 5	– with anti-dismantling protection
Operating temperature	-5 ... +45 °C	– with lithium coin cell battery 3 V type: CR 2430
Assembling height	14 mm	– integration in the KNX TP system using KNX radio media coupler
For radio remote control of all assigned KNX radio receivers.		– for flat surface mounting and extension of combinations

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	8565 62 82	1
polar white glossy	8565 62 89	1
polar white matt	8565 62 88	1
anthracite matt	8565 62 85	1
aluminium, matt, lacquered	8565 62 83	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	8565 62 22	1
polar white velvety	8565 62 29	1
anthracite velvety, lacquered	8565 62 26	1
aluminium velvety, lacquered	8565 62 24	1
Berker K.1 K.5		
polar white glossy	8565 62 79	1
anthracite matt, lacquered	8565 62 75	1
aluminium, matt, lacquered	8565 62 77	1
stainless steel matt lacquered	8565 62 73	1
Berker R.1 R.3 R.8		
polar white glossy ¹⁾	8565 62 39	1
black glossy ¹⁾	8565 62 31	1

¹⁾no dismantling protection possible



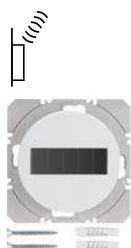


KNX radio wall-transmitter 1gang flat solar quicklink

▶ 896

Operating voltage	3 V=	- with configuration button
Number of radio channels	2	- with configuration LED
Radio transmission frequency	868.3 MHz	- with transmission status and battery status LED, red/green/orange
Radio transmission power	< 10 mW	- operating areas configurable as one or two-area operation
Radio protocol	KNX Radio	- quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
Number of quicklink links	max. 20 transmitter/receiver	- easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
Radio transmission range (building)	max. 30 m	- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
Radio transmission range (free field)	max. 100 m	- reset function (to factory setting)
Transmitter duty cycle	1 %	- top and bottom operating area are freely configurable
Receiver category	2	- toolless quicklink configuration using buttons and LED display
Required Ø brightness	at least 300 lx 6 h/day	- power supply via solar cells
Operating temperature	-5 ... +45 °C	- with anti-dismantling protection
Assembling height	14 mm	- integration in the KNX TP system using KNX radio media coupler
For radio remote control of all assigned KNX radio receivers.		- for flat surface mounting and extension of combinations

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	8565 51 82	1
polar white glossy	8565 51 89	1
polar white matt	8565 51 88	1
anthracite matt	8565 51 85	1
aluminium, matt, lacquered	8565 51 83	1
Berker R.1 R.3 R.8		
polar white glossy ¹⁾	8565 51 39	1
black glossy ¹⁾	8565 51 31	1



¹⁾no dismantling protection possible



KNX radio wall-transmitter 2gang flat solar quicklink

▶ 896

Operating voltage	3 V=	- with configuration button
Number of radio channels	4	- with configuration LED
Radio transmission frequency	868.3 MHz	- with transmission status and battery status LED, red/green/orange
Radio transmission power	< 10 mW	- operating areas configurable as one or two-area operation
Radio protocol	KNX Radio	- quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact
Number of quicklink links	max. 20 transmitter/receiver	- easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
Radio transmission range (building)	max. 30 m	- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
Radio transmission range (free field)	max. 100 m	- reset function (to factory setting)
Transmitter duty cycle	1 %	- top and bottom operating areas are freely configurable
Receiver category	2	- toolless quicklink configuration using buttons and LED display
Required Ø brightness	at least 300 lx 6 h/day	- power supply via solar cells
Operating temperature	-5 ... +45 °C	- with anti-dismantling protection
Assembling height	14 mm	- integration in the KNX TP system using KNX radio media coupler
For radio remote control of all assigned KNX radio receivers.		- for flat surface mounting and extension of combinations

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	8565 61 82	1
polar white glossy	8565 61 89	1
polar white matt	8565 61 88	1
anthracite matt	8565 61 85	1
aluminium, matt, lacquered	8565 61 83	1





Berker R.1 | R.3 | R.8

polar white glossy ¹⁾	8565 61 39	1
black glossy ¹⁾	8565 61 31	1

¹⁾ no dismantling protection possible

Sensors



KNX radio brightness sensor

▶ 896

Operating voltage	3 V=	– with configuration button
Number of radio channels	1	– with 2 potentiometers for sun/twilight and LED display for actual value
Radio transmission frequency	868.3 MHz	– with configuration LED
Radio transmission power	< 10 mW	– quicklink functions: up/down push-button
Radio protocol	KNX Radio	– ETS additional functions: button function, battery condition
Number of quicklink links	max. 20 transmitter/receiver	– reset function (to factory setting)
Radio transmission range (building)	max. 30 m	– toolless quicklink configuration using buttons and LED display
Radio transmission range (free field)	max. 100 m	– with 2 Micro, alkaline batteries AAA LR03
Transmitter duty cycle	1 %	– with photodiode
Receiver category	2	– with adhesive pads and adhesive cable clips for fastening
Sun setting range	≈ 1 ... 10 klx	– confectioned, with fibre-optic cable and plug
Twilight setting range	≈ 10 ... 300 lx	– integration in the KNX TP system using KNX radio media coupler
Battery service life [years]	≈ 4	– for suction cover to window pane
Operating temperature	+0 ... +50 °C	
Fibre optic cable, sensor cable length	≈ 1.5 m	
Dimensions (L x W x H)	138 x 26 x 31 mm	
	Suitable for	Order no.
	KNX radio blind button quicklink	8524 5 ..
	KNX radio blind time switch quicklink	8574 51 ..
		Page
		717
		718



Design	Order no.	PU
polar white matt	8580 11 00	1



KNX radio magnetic contact

▶ 896

Operating voltage	3 V=	– with configuration button
Number of radio channels	1	– with configuration LED
Radio transmission frequency	868.3 MHz	– with transmission status, battery status and control LEDs
Radio transmission power	< 10 mW	– quicklink functions: switching, blind, 2 scenes, time switching, NO contact push-button, forced control
Radio protocol	KNX Radio	– easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
Number of quicklink links	max. 20 transmitter/receiver	– ETS additional functions: value, delay time, button function, battery condition
Radio transmission range (building)	max. 30 m	– reset function (to factory setting)
Radio transmission range (free field)	max. 100 m	– toolless quicklink configuration using buttons and LED display
Transmitter duty cycle	1 %	– with 2 Micro, alkaline batteries AAA LR03
Receiver category	2	– with adhesive pads for fastening
Battery service life [years]	≈ 4	– with adapters for magnet height compensation
Operating temperature	+0 ... +50 °C	– integration in the KNX TP system using KNX radio media coupler
Distance to magnet	max. 5 mm	
Dimensions (L x W x H)	138 x 26 x 31 mm	– with additional screw terminals for wired reed contacts



Design	Order no.	PU
polar white matt	8580 12 00	1

Binary inputs



KNX radio binary input 2gang flush-mounted

▶ 896

Input scanning voltage	per channel 12 V=	– low intrinsic energy requirement
Output current per channel	max. 1 mA	– with configuration button
Number of radio channels	2	– with configuration LED
Radio transmission/reception frequency	868.3 MHz	– with manual operation on/off
Radio transmission frequency	868.3 MHz	– quicklink functions: switching, dimming, blind, 2 scenes, switching time, NO contact push-button, priority, up/down push-button
Radio transmission power	< 10 mW	– easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
Radio protocol	KNX Radio	– ETS additional functions: +62 scenes, operating mode, 3 x alarm, priority, status display, automatic
Number of quicklink links	max. 20 transmitter/receiver	– reset function (to factory setting)
Radio transmission range (building)	max. 30 m	– activation, for example through switches, push-buttons, timers, blind timer switches, magnetic contact
Radio transmission range (free field)	max. 100 m	– toolless quicklink configuration using buttons and LED display
Transmitter duty cycle	1 %	– confectioned, with 4-core cable
Receiver category	2	– integration in the KNX TP system using KNX radio media coupler
Pulse time	min. 50 ms	– with screw-in lift terminals
Battery service life [years]	≈ 3	– for installation behind flush-mounted inserts
Operating temperature	-10 ... +50 °C	
Line length	11 cm	
Binary cable length	20 cm	
Binary cable length, extendable to	max. 10 m	
Dimensions (W x H x D)	41 x 40 x 11 mm	

Suitable for	Order no.	Page
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	page 546



Design	Order no.	PU
light grey	8587 62 10	1



KNX radio binary input 2gang flush-mounted 230 V

▶ 896

Operating voltage	230 V~	– low intrinsic energy requirement
Frequency	50/60 Hz	– with configuration button
Input scanning voltage	per channel 5 V	– with configuration LED
Number of radio channels	2	– quicklink functions: switching, dimming, blind, 2 scenes, switching time, NO contact push-button, priority, up/down push-button
Radio transmission frequency	868.3 MHz	– easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
Radio transmission power	< 10 mW	– ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
Radio protocol	KNX Radio	– reset function (to factory setting)
Number of quicklink links	max. 20 transmitter/receiver	– activation, for example, through switch, push-button, wind sensor, precipitation sensor, time switch
Radio transmission range (building)	max. 30 m	– with 2 independent, mains supplied, binary inputs for potential-free contacts
Radio transmission range (free field)	max. 100 m	– toolless quicklink configuration using buttons and LED display
Transmitter duty cycle	1 %	– confectioned, with 4-core cable
Receiver category	2	– integration in the KNX TP system using KNX radio media coupler
Pulse time	min. 50 ms	– with screw-in lift terminals
Operating temperature	-5 ... +45 °C	– for installation behind flush-mounted inserts
Line length	20 cm	
Conductor cross-section	0.75 mm ² ... 2.5 mm ²	
Binary cable length, extendable to	max. 10 m	
Dimensions (Ø x H)	53 x 27 mm	



Design	Order no.	PU
light grey	8587 62 00	1

Switch actuators



KNX radio binary input for button circuits flush-mounted 230 V

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50 Hz	- with configuration and function button
Switching current	16 mA	- with configuration and function LEDs
Current consumption (operation)	≈ 1 mA	- remote control via quicklink transmitter
Number of radio channels	1	- quicklink functions: pulse (200 ms)
Radio transmission/reception frequency	868.3 MHz	- easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
Radio transmission frequency	868.3 MHz	- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
Radio transmission power	< 25 mW	- reset function (to factory setting)
Radio protocol	KNX Radio	- for activation of pulse relays, stair light timers
Number of quicklink links	max. 20 transmitter/receiver	- toolless quicklink configuration using buttons and LED display
Radio transmission range (building)	max. 30 m	- integration in the KNX TP system using KNX radio media coupler
Radio transmission range (free field)	max. 100 m	- Connection for illuminated or standard push-button
Transmitter duty cycle	0.1 %	- with screw-in lift terminals
Receiver category	2	- for installation behind flush-mounted inserts
Power consumption (standby)	150 W	
Pulse time	min. 200 ms	
Operating temperature	-15 ... +45 °C	
Conductor cross-section	0.5 ... 1.5 mm ²	
Dimensions (W x H x D)	40 x 40 x 18 mm	

Note:
When using illuminated push-buttons (monitoring circuit) the current consumption of the device must be taken into account!



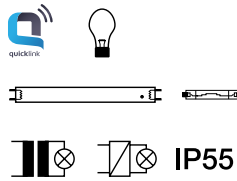
Design	Order no.	PU
white	8587 51 10	1



KNX radio switch actuator 1gang surface-mounted

▶ 896

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50 Hz	- with control LED for On/Off
Radio reception frequency	868.3 MHz	- with manual operation on/off
Radio protocol	KNX Radio	- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
Number of quicklink links	max. 20 transmitter/receiver	- easy additional functions: +6 scenes
Transmitter duty cycle	1 %	- ETS additional functions: +6 scenes, operating mode on/off, status display
Receiver category	2	- repeat function can be activated to increase the radio range
230 V incandescent lamps and halogen lamps	1500 W	- reset function (to factory setting)
Conventional transformers	600 VA	- scene opening via KNX radio appliances
Electronic transformers	600 W	- scene saving lockable
Fluorescent lamps:	600 VA	- toolless quicklink configuration using buttons and LED display
- uncompensated		- with mounting plates and strain reliefs
- with electrical ballast (EB)	6 x 58 W	- integration in the KNX TP system using KNX radio media coupler
Compact fluorescent lamps	6 x 18 W	- with screw-in lift terminals
Operating temperature	-10 ... +55 °C	
Dimensions (L x W x H)	150 x 85 x 35 mm	



Suitable for optional	Order no.	Page
coviva Smartbox	9000 00 00	734



Design	Order no.	PU
white	8516 51 00	1

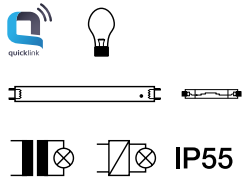


KNX radio switch actuator 2gang surface-mounted

▶ 896

Operating voltage	230 V~
Frequency	50 Hz
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Number of quicklink links	max. 20 transmitter/receiver
Transmitter duty cycle	1 %
Receiver category	2
230 V incandescent lamps and halogen lamps	per channel 1500 W
Conventional transformers	per channel 600 VA
Electronic transformers	per channel 600 W
Fluorescent lamps:	
- uncompensated	per channel 600 VA
- with electronical ballast (EB)	per channel 6 x 58 W
Compact fluorescent lamps	per channel 6 x 18 W
Operating temperature	-10 ... +55 °C
Dimensions (L x W x H)	150 x 85 x 35 mm

- low intrinsic energy requirement
- with control LED for On/Off
- with manual operation on/off per channel
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- easy additional functions: +6 scenes
- ETS additional functions: +6 scenes, operating mode on/off, status display
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- with mounting plates and strain reliefs
- integration in the KNX TP system using KNX radio media coupler
- with screw-in lift terminals



Design
white

Suitable for optional	Order no.	Page
coviva Smartbox	9000 00 00	734
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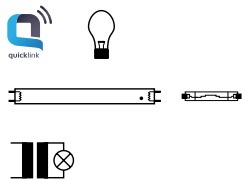


KNX radio switch actuator for plugs

▶ 896

Operating voltage	230 V~
Frequency	50 Hz
Switching current	16 A
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1600 VA
Electronic transformers and dual-mode transformers	1200 W
Fluorescent lamps	28 x 36 W, max. 120 µF
Operating temperature	+0 ... +45 °C
Dimensions (W x H x D)	98 x 54 x 77 mm
Assembling height	41 mm

- low intrinsic energy requirement
- with configuration and function button
- with configuration and function LEDs
- with control LED for On/Off
- with manual operation on/off
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button
- easy additional functions: +6 scenes
- ETS additional functions: +6 scenes, operating mode on/off, forced control, status display
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- integration in the KNX TP system using KNX radio media coupler



Design
polar white matt

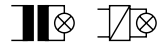
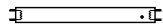
Suitable for optional	Order no.	Page
coviva Smartbox	9000 00 00	734
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8510 51 00		1

For remote-controlled switching of electrical loads.



KNX radio switch actuator 1gang/binary input 1gang surface-mounted

▶ 896



IP55

Operating voltage	230 V~
Frequency	50 Hz
Input scanning voltage	5 V
Switching current	10 A / 230 V AC1
Number of radio channels	1
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
230 V incandescent lamps and halogen lamps	1500 W
Conventional transformers	600 VA
Electronic transformers	600 W
Fluorescent lamps:	
- uncompensated	600 VA
- with electrical ballast (EB)	6 x 58 W
Operating temperature	-10 ... +55 °C
Binary cable length	max. 5 m
Dimensions (L x W x H)	150 x 85 x 35 mm

- low intrinsic energy requirement
- with configuration and function button
- with configuration and function LEDs
- with transmission status and control LED for On/Off
- with manual operation on/off
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- easy additional functions: +6 scenes
- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- Activation, for example through switch, push-buttons, timer
- scene opening via KNX radio appliances
- scene saving lockable
- with independent, mains supplied, binary input for potential-free contact
- toolless quicklink configuration using buttons and LED display
- with mounting plates and strain reliefs
- integration in the KNX TP system using KNX radio media coupler
- with screw-in lift terminals

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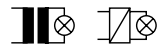
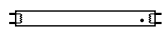
Design
white

Order no.	PU
8586 51 00	1



KNX radio switch actuator 1gang flush-mounted

▶ 896



Operating voltage	230 V~
Frequency	50 Hz
Number of radio channels	1
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1500 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- parallel compensated	250 W
- with electrical ballast (EB)	450 W
Operating temperature	+0 ... +45 °C
Conductor cross-section	0.5 ... 1.5 mm ²
Dimensions, sensor (Ø x H)	53 x 30 mm

- low intrinsic energy requirement
- with configuration and function button
- with configuration and function LEDs
- with transmission status and control LED for On/Off
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- easy additional functions: +6 scenes, repeater function
- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display, repeater function
- reset function (to factory setting)
- Activation, for example through switch, push-buttons, timer
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- confectioned, with 2-core cable
- integration in the KNX TP system using KNX radio media coupler
- with screw-in lift terminals
- for installation behind flush-mounted inserts

Suitable for optional	Order no.	Page
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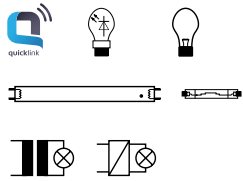


Design
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Order no.	PU
8587 52 00	1



**KNX radio switch actuator 1gang potential-free/
binary input 2gang flush-mounted 12 ... 230 V AC,
12 ... 24 DC**



Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50 Hz	- with configuration and function button
Input scanning voltage	per channel 12 V=	- with configuration and function LEDs
Switching current	10 A	- with transmission status and control LED for On/Off
Max. switching current	4 A	- with manual operation on/off
Max. switching current	at 230 V 4 A	- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
Output current per channel	max. 1 mA	- easy additional functions: +6 scenes, operating mode, 2 x alarm, priority, automatic
Number of radio channels	1	- ETS additional functions: +62 scenes, operating mode, 3 x alarm, priority, status display, automatic
Radio transmission/reception frequency	868.3 MHz	- repeat function can be activated to increase the radio range
Radio transmission power	< 10 mW	- reset function (to factory setting)
Radio protocol	KNX Radio	- Activation, for example through switch, push-buttons, timer
Number of quicklink links	max. 20 transmitter/receiver	- scene opening via KNX radio appliances
Radio transmission range (building)	max. 30 m	- scene saving lockable
Radio transmission range (free field)	max. 100 m	- with independent, mains supplied, binary input for potential-free contact
Transmitter duty cycle	1 %	- toolless quicklink configuration using buttons and LED display
Receiver category	2	- confectioned, with 2-core cable
Power consumption (operation)	150 mW	- integration in the KNX TP system using KNX radio media coupler
230 V LED lamps	40 W	- with screw-in lift terminals
230 V incandescent lamps and halogen lamps	600 W	- for installation behind flush-mounted inserts
Conventional transformers	600 VA	
Electronic transformers	600 W	
Fluorescent lamps:		
- parallel compensated	40 W	
Operating temperature	-10 ... +50 °C	
Conductor cross-section	0.5 ... 1.5 mm ²	
Binary cable length	20 cm	
Binary cable length, extendable to	max. 10 m	
Dimensions (W x H x D)	40 x 40 x 20 mm	

Suitable for optional	Order no.	Page
coviva Smartbox	9000 00 00	734



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light grey	8587 51 22	1



KNX radio switch actuator 1gang/binary input 2gang flush-mounted 230 V, 3 A (3-wire)

▶ 896

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50 Hz	- with configuration and function button
Input scanning voltage	per channel 12 V=	- with configuration and function LEDs
Switching current	10 A	- with transmission status and control LED for On/Off
Max. switching current	3 A	- with manual operation on/off
Max. switching current	at 230 V 3 A	- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
Output current per channel	max. 1 mA	- easy additional functions: +6 scenes, operating mode, 2 x alarm, priority, automatic
Number of radio channels	1	- ETS additional functions: +62 scenes, operating mode, 3 x alarm, priority, status display, automatic
Radio transmission/reception frequency	868.3 MHz	- repeat function can be activated to increase the radio range
Radio transmission power	< 10 mW	- reset function (to factory setting)
Radio protocol	KNX Radio	- Activation, for example through switch, push-buttons, timer
Number of quicklink links	max. 20 transmitter/receiver	- scene opening via KNX radio appliances
Radio transmission range (building)	max. 30 m	- scene saving lockable
Radio transmission range (free field)	max. 100 m	- with independent, mains supplied, binary input for potential-free contact
Transmitter duty cycle	1 %	- toolless quicklink configuration using buttons and LED display
Receiver category	2	- confectioned, with 2-core cable
Power consumption (standby)	150 mW	- integration in the KNX TP system using KNX radio media coupler
Power consumption (operation)	450 mW	- with screw-in lift terminals
230 V incandescent lamps and halogen lamps	500 W	- for installation behind flush-mounted inserts
Conventional transformers	250 VA	
Electronic transformers	250 W	
Fluorescent lamps:		
- with electrical ballast (EB)	150 W	
Compact fluorescent lamps	150 W	
electric drives	150 VA	
Operating temperature	+0 ... +45 °C	
Conductor cross-section	0.5 ... 1.5 mm ²	
Binary cable length	20 cm	
Binary cable length, extendable to	max. 10 m	
Dimensions (W x H x D)	40 x 40 x 18 mm	

Suitable for optional	Order no.	Page
coviva Smartbox	9000 00 00	734



Design	Order no.	PU
light grey	8587 51 21	1



**KNX radio switch actuator 1gang/binary input 2gang
flush-mounted, 230 V, 4 A (2-wire)**

Operating voltage	230 V~	– low intrinsic energy requirement
Frequency	50 Hz	– with configuration and function button
Input scanning voltage	per channel 12 V=	– with configuration and function LEDs
Switching current	10 A	– with transmission status and control LED for On/Off
Output current per channel	max. 1 mA	– with manual operation on/off
Number of radio channels	1	– quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
Radio transmission/reception frequency	868.3 MHz	– easy additional functions: +6 scenes, operating mode, 2 x alarm, priority, automatic
Radio transmission power	< 10 mW	– ETS additional functions: +62 scenes, operating mode, 3 x alarm, priority, status display, automatic
Radio protocol	KNX Radio	– reset function (to factory setting)
Number of quicklink links	max. 20 transmitter/receiver	– Activation, for example through switch, push-buttons, timer
Radio transmission range (building)	max. 30 m	– scene opening via KNX radio appliances
Radio transmission range (free field)	max. 100 m	– scene saving lockable
Transmitter duty cycle	1 %	– with independent, mains supplied, binary input for potential-free contact
Receiver category	2	– toolless quicklink configuration using buttons and LED display
Power consumption (operation)	100 mW	– confectioned, with 2-core cable
230 V LED lamps	3 ... 70 W	– integration in the KNX TP system using KNX radio media coupler
230 V incandescent lamps and halogen lamps	10 ... 200 W	– with screw-in lift terminals
Conventional transformers	10 ... 175 VA	– for installation behind flush-mounted inserts
Electronic transformers	10 ... 175 W	
Fluorescent lamps:		
Operating temperature	-15 ... +45 °C	
Conductor cross-section	0.5 ... 1.5 mm ²	
Binary cable length	20 cm	
Binary cable length, extendable to	max. 10 m	
Dimensions (W x H x D)	40 x 40 x 18 mm	

Suitable for optional	Order no.	Page
coviva Smartbox	9000 00 00	734



Design	Order no.	PU
light grey	8587 51 20	1

Dim actuators



KNX radio dim actuator 1gang/binary input 2gang flush-mounted

▶ 896

Operating voltage	230 V~ +10/-15%	– low intrinsic energy requirement
Frequency	50 Hz	– with configuration and function button
Input scanning voltage	per channel 12 V=	– with configuration and function LEDs
Rated current	0.85 A	– with control LED for On/Off
Output current per channel	max. 1 mA	– with manual operation on/off, brighter/darker
Number of radio channels	2	– phase cut-on or cut-off according to load type, self-learning
Radio transmission/reception frequency	868.3 MHz	– quicklink functions: dimming, 2 scenes, time switching, NO contact push-button
Radio transmission power	< 10 mW	– easy additional functions: +6 scenes, repeater function, dimming value, 2 x alarm, priority, automatic, timer
Radio protocol	KNX Radio	– ETS additional functions: +62 scenes, operating mode on/off, dimming value, priority, status display, timer, repeater function
Number of quicklink links	max. 20 transmitter/receiver	– reset function (to factory setting)
Radio transmission range (building)	max. 30 m	– Activation, for example through switch, push-buttons, timer
Radio transmission range (free field)	max. 100 m	– can be activated via mobile or Web App via coviva smartbox
Transmitter duty cycle	1 %	– very low minimal dimming value
Receiver category	2	– bulb-preserving soft startup
Power consumption	0.1 W	– scene opening via KNX radio appliances
Dimmable 230 V LED lamps	3 ... 50 W	– scene saving lockable
Quantity LED lamps	max. 8	– with 2 independent, mains supplied, binary inputs for potential-free contacts
230 V incandescent lamps and halogen lamps	10 ... 200 W	– toolless quicklink configuration using buttons and LED display
Conventional transformers	10 ... 175 VA	– short-circuit and overload proof (electronic fuse)
Electronic transformers	10 ... 175 W	– integration in the KNX TP system using KNX radio media coupler
Operating temperature	-15 ... +45 °C	– with screw-in lift terminals
Binary cable length	20 cm	– for installation behind flush-mounted inserts
Binary cable length, extendable to	max. 10 m	
Conductor cross-section (rigid)	0.5 ... 1.5 mm ²	
Conductor cross-section (flexible)	0.5 ... 1.5 mm ²	
Dimensions (W x H x D)	40 x 40 x 18 mm	

Suitable for optional	Order no.	Page
coviva Smartbox	9000 00 00	734



Design	Order no.	PU
light grey	8547 51 20	1

Blind actuators



KNX radio blind actuator 1gang surface-mounted

▶ 896

Operating voltage	230 V~	– low intrinsic energy requirement
Frequency	50 Hz	– with configuration and function button
Switching current	10 A / 230 V AC1	– with configuration and function LEDs
Radio reception frequency	868.3 MHz	– with control LED (relay closed)
Radio protocol	KNX Radio	– with manual operation up/down
Number of quicklink links	max. 20 transmitter/receiver	– quicklink functions: blind, 2 scenes, forced control, up/down push-button
Radio transmission range (building)	max. 30 m	– easy additional functions: +6 scenes
Radio transmission range (free field)	max. 100 m	– ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm
Transmitter duty cycle	1 %	– repeat function can be activated to increase the radio range
Receiver category	2	– reset function (to factory setting)
Change-over time for change of direction	< 0.6 s	– scene opening via KNX radio appliances
Lamella adjustment on signal duration	< 1 s	– scene saving lockable
Operating temperature	-10 ... +55 °C	– toolless quicklink configuration using buttons and LED display
Dimensions (L x W x H)	150 x 85 x 35 mm	– with 2 mechanically and electrically mutually-locked relay contacts
		– with mounting plates and strain reliefs
		– integration in the KNX TP system using KNX radio media coupler
		– with screw-in lift terminals



Design	Order no.	PU
white	8526 51 00	1



KNX radio blind actuator 1gang/binary input 2gang flush-mounted

Operating voltage	230 V~ +10/-15 %	- low intrinsic energy requirement
Frequency	50 Hz	- with configuration and function button
Input scanning voltage	per channel 12 V=	- with configuration and function LEDs
Switching current at $\cos \phi = 0.6$	max. 3 A	- with transmission status and control LED for On/Off
Number of radio channels	2	- with manual operation up/down
Radio transmission/reception frequency	868.3 MHz	- quicklink functions: blind, 2 scenes, forced control, up/down push-button
Radio transmission power	< 10 mW	- easy additional functions: +6 scenes, operating mode, 2 x alarm, priority, automatic
Radio protocol	KNX Radio	- ETS additional functions: +62 scenes, operating mode, 3 x alarm, priority, status display, automatic
Number of quicklink links	max. 20 transmitter/receiver	- repeat function can be activated to increase the radio range
Radio transmission range (building)	max. 30 m	- reset function (to factory setting)
Radio transmission range (free field)	max. 100 m	- Activation, for example through switch, push-button, timer, blind timer switch
Transmitter duty cycle	1 %	- can be activated via mobile or Web App via coviva smartbox
Receiver category	2	- scene opening via KNX radio appliances
Power consumption (standby)	150 mW	- scene saving lockable
Power consumption (operation)	450 mW	- with 2 independent, mains supplied, binary inputs for potential-free contacts
Breaking capacity	max. 690 W	- toolless quicklink configuration using buttons and LED display
Number of switching times for on/off	15 /min.	- with 2 mechanically and electrically mutually-locked relay contacts
Change-over time for change of direction	< 0.6 s	- confectioned, with 2-core cable
Operating temperature	-10 ... +50 °C	- integration in the KNX TP system using KNX radio media coupler
Binary cable length	20 cm	- with screw-in lift terminals
Binary cable length, extendable to	max. 10 m	- for installation behind flush-mounted inserts
Conductor cross-section (rigid)	0.5 ... 1.5 mm ²	Suitable for optional
Conductor cross-section (flexible)	0.5 ... 1.5 mm ²	Order no.
Dimensions (W x H x D)	40 x 40 x 20 mm	Page



Design	Order no.	PU
light grey	8527 51 20	1

System components

Mains power supply for KNX radio application modules



Power supply for KNX radio application module

Operating voltage	230 V~
Frequency	50/60 Hz
Operating temperature	-5 ... +45 °C
Screw terminals (max.)	1 x 4/2 x 2.5 mm ²
Installation depth	22 mm

- low intrinsic energy requirement
- as supply for radio application modules
- no conductive connection between supporting ring and spreading claws
- with screw terminals

▶ 896

Motion detector application modules in conjunction with a network insert can only be used as a motion detector extension unit (slave).

For this purpose, a motion detector application module with a relay insert must be installed as a motion detector main unit (master) (order no.: 8512 12 00).

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Suitable for	Order no.	Page
KNX radio buttons for switches/dimmers		page 706
KNX radio motion detector covers		page 713
KNX radio blind covers		page 717
KNX radio timer quicklink	8574 52 ..	710



Design	Order no.	PU
Power supply for KNX radio application module	8502 01 00	1

coviva smartbox



coviva Smartbox

Operating voltage	230 V~
WLAN standard	IEEE 802.11 b/g/n
Radio transmission/reception frequency	433.4/ 868.3 MHz
Radio transmission range (free field)	max. 300 m
Receiver category	2
Power consumption (operation)	≤ 3 W
Operating temperature	+0 ... +40 °C
Dimensions (W x H x D)	178.5 x 156 x 48.4 mm

- control and visualisation of radio and WLAN installations via App and browser
- easy to set scenes (covigrammes) via the app in order to trigger actions either when defined events occur or manually
- for switch, dimmer, blind and thermostat functions
- display of predefined messages after events
- comfortable remote maintenance via DynDNS service
- also suitable for offline mode
- management of 3 user profiles
- low intrinsic energy requirement
- can be updated
- with 2 USB socket for WLAN stick for coviva
- LAN connection or WLAN connection via optional USB stick for coviva smartbox
- for wall mounting or free-standing

Scope of delivery:

- RJ45 connecting cable cat.5e shielded
- power supply, order no. 9096 00 02

App for IOS version 7.1 and later and for Android version 4.1 and later can be downloaded free of charge from the corresponding app store.

Compatible with Netatmo weather station.

NEW!

Integration of further IoT applications:

- Amazon Alexa
- Google Home
- Netatmo IP security cameras for outdoor and indoor areas

Optimisation of operation and display of blind functions by differentiating the application by:

- blind
- roller shutter
- awning

Suitable for	Order no.	Page
KNX radio buttons for switches/dimmers		page 706
KNX radio motion detector covers		page 713
Switch actuators		page 726
Dim actuators		page 732
KNX radio timer quicklink	8574 52 ..	710
KNX radio blind actuator 1gang/binary input 2gang flush-mounted	8527 51 20	733
optional		
WLAN USB stick for coviva Smartbox	9096 00 01	735
replacement		
Power supply for coviva Smartbox	9096 00 02	735

Manufacturer product line Art. no.

Amazon Echo

Amazon

Google

Smart thermostat

Tado

Weather station

Netatmo

IP camera

Netatmo

Design	Order no.	PU
white/grey	9000 00 00	1



WLAN USB stick for coviva Smartbox

Operating voltage	5 V=	– can be connected to the side or rear of the coviva smartbox depending on the installation conditions		
Current consumption	250 mA	– 64-/128 bits WEP; WPA; WPA2		
Frequency band	2.4 GHz	– low intrinsic energy requirement		
Transmission rate WLAN	max. 150 Mbit/s			
WLAN standard	IEEE 802.11 n		Suitable for coviva Smartbox	Order no. 9000 00 00
Dimensions (W x H x D)	13.8 x 75.2 x 213.8 mm			Page 734
Design	white		Order no.	PU
			9096 00 01	1



Power supply for coviva Smartbox

Rated voltage	100/240 V~	– low intrinsic energy requirement		
Frequency	50 Hz	– protected against short circuits		
Input voltage	230 V~		Suitable for coviva Smartbox	Order no. 9000 00 00
Output voltage	5 V=			Page 734
Output current	max. 3 A			
Dimensions (W x H x D)	50 x 33.25 x 71.75 mm			
Power supply included in scope of delivery of the coviva smartbox				
Design	white		Order no.	PU
			9096 00 02	1

Gateways



KNX radio/TP gateway surface-mounted

Operating voltage over bus	30 V=	– low intrinsic energy requirement		
Number of radio channel inputs	max. 512	– status indication using 2-digit red LED display		
Number of radio channel outputs	max. 512	– large scope of functions of the KNX radio appliances through parameterisation with ETS		
Number of KNX radio device	max. 256/system	– with drilling template, fastening material, strain reliefs and connecting terminal		
Radio transmission frequency	868.3 MHz	– bus connection via connecting terminal		
Radio transmission power	< 25 mW			
Radio protocol	KNX Radio			
Radio transmission range (building)	max. 30 m			
Radio transmission range (free field)	max. 100 m			
Transmitter duty cycle	1 %			
Receiver category	2			
Operating temperature	+0 ... +45 °C			
Dimensions (W x H x D)	77 x 203 x 26.5 mm			

Interface between KNX twisted pair products and KNX radio products.

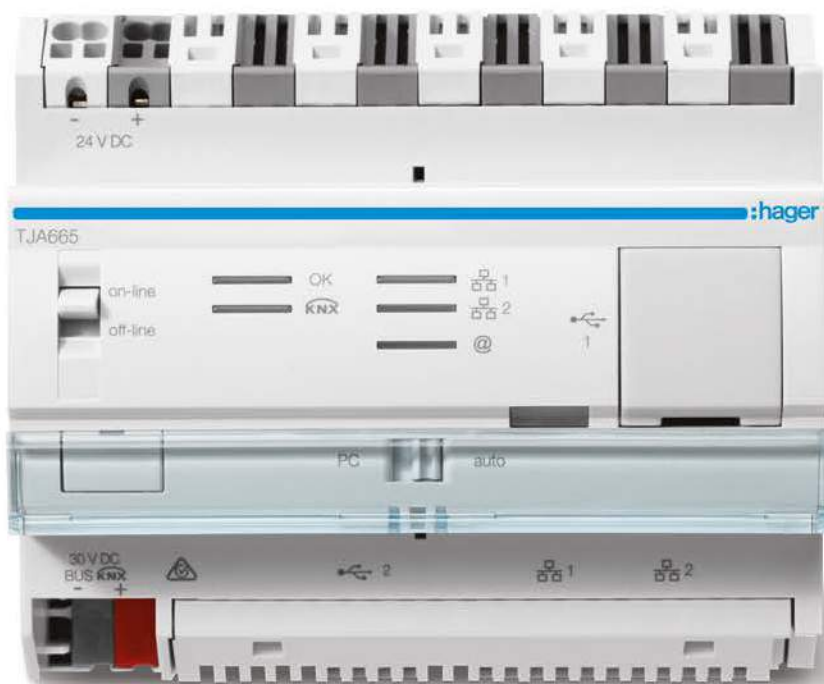
As line coupler for expansion of a KNX system with a KNX radio lead.



Design	polar white matt		Order no.	PU
			8505 01 00	1

KNX easy

easy – it's in the name! And this is exactly what lies at the core of the software. With easy you can configure a KNX system easily, quickly and intuitively. All you need is an easy configuration server, a tablet and the easy app. Every easy configuration can be extended by means of quicklink wireless solutions. What's more, every easy configuration can be imported completely into the ETS software, making the transition into a larger and even more powerful KNX system possible without any issues.



Operating systems	740
Sensors	757
Actuators	763
System units	774

Extend as desired with KNX

Some providers of smart home solutions offer proprietary, i.e. closed, systems. Berker, on the other hand, uses the established KNX standard. This means our systems speak the same “language”, and by allowing the IoT Controller to include other devices from the Internet of Things, you can guarantee your customers a system that will work well into the future.

quicklink

The renovation solution. Our wireless alternative for smart building control systems. There is no need to lay costly control lines, and system launch is easy because no programming tools are required.

easy

For new construction work and extensive renovation. With easy, a KNX system can be configured simply, quickly and intuitively. An easy configuration server, a tablet and the easy app are all you need. Each configuration can be expanded with quicklink wireless solutions.

ETS

ETS is the standardised software that is perfectly suited to large building automation systems. With ETS, users can install numerous expanded functions that are ideal for high-end solutions for residential, commercial and administrative buildings.



Berker offers a compatible range of **KNX systems** for a variety of applications.

IoT (Internet of Things)



quicklink



easy



ETS

KNX
easy

KNX[®] Standard



coviva*

Retrofit smart wireless technology. The ideal smart home solution for refurbishing and renovations.



domovea

Smart visualisation, intuitive control – now simpler than ever. domovea is the smart home solution for connected building control systems.

* coviva Smartbox is only compatible with quicklink installations.

Operating systems

Berker S.1 | B.3 | B.7, Q.1 | Q.3 | Q.7, K.1 | K.5 - Push-buttons

- with 2 RGB status LEDs per rocker
- colour of status LED uniformly adjustable for complete devices
- brightness value of the status LED for day/nighttime operation preset, change-over for day/nighttime operation possible
- with white operating LED, can be activated
- push-button functions: including switching, dimming, roller shutter/blind, timer, operating mode change-over
- setting of 1 ... 8 scenes possible
- integrated temperature sensor with output of the measured values
- function for manual interruption of automatic functions already triggered
- for bus coupling unit flush-mounted
- with anti-dismantling protection
- the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.



Bus coupling unit flush-mounted

- external temperature sensor connection



Operating voltage over bus	21 ... 32 V=
Operating temperature	-5 ... +45 °C
Installation depth	32 mm

- additional connection for external temperature sensor
- with integrated buzzer for acoustic identification of the device within the system
- with programming button and red programming LED
- bus connection via connecting terminal
- with dust protection flap for user interface (AST)
- with spreader claws

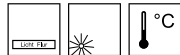
Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774
Temperature sensor	160	760

Design	Order no.	PU
Individual unit	8004 00 01	1



Push-button 1 gang

- labelling field
- RGB LED
- internal temperature sensor



Current consumption KNX	typ. 20 mA
Power consumption, KNX	≈ 150 mW
Operating temperature	-5 ... +45 °C

Suitable for optional	Order no.	Page
Bus coupling unit flush-mounted	8004 00 ..	740
KNX Configuration server easy link RMD	8001 00 00	774

Use only in conjunction with bus coupling unit flush-mounted (order no. : 8004 00 x1)!

Design	Order no.	PU
Berker S.1 B.3 B.7		
for white and polar white ¹⁾	8016 17 80	1
for anthracite and aluminium ¹⁾	8016 17 85	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety ²⁾	8014 13 22	1
polar white ²⁾	8014 13 29	1
anthracite ²⁾	8014 13 26	1
aluminium ²⁾	8014 13 21	1
Berker K.1 K.5		
polar white ³⁾	8016 17 70	1
anthracite ³⁾	8016 17 76	1
aluminium ³⁾	8016 17 74	1
stainless steel ³⁾	8016 17 73	1

¹⁾ labelling field length (W x H): 52.3 x 52.3 mm

²⁾ Dimensions (W x H): 56.4 x 56.4 mm

³⁾ labelling field length (W x H): 66.8 x 52.8 mm



Push-button 1gang

- RGB LED
- internal temperature sensor



Current consumption KNX typ. 20 mA
 Power consumption, KNX ≈ 150 mW
 Operating temperature -5 ... +45 °C

Use only in conjunction with bus coupling unit flush-mounted (order no. : 8004 00 x1)!

Suitable for	Order no.	Page
Bus coupling unit, flush-mounted	8004 00 ..	517
optional KNX Configuration server easy link RMD	8001 00 00	774

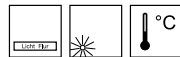


Design	Order no.	PU
Berker R.1 R.3 R.8		
polar white glossy	8016 18 69	1
black glossy	8016 18 65	1



Push-button 2gang

- labelling fields
- RGB LED
- internal temperature sensor



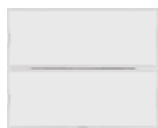
Current consumption KNX typ. 20 mA
 Power consumption, KNX ≈ 150 mW
 Operating temperature -5 ... +45 °C

Use only in conjunction with bus coupling unit flush-mounted (order no. : 8004 00 x1)!

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	8004 00 ..	740
optional KNX Configuration server easy link RMD	8001 00 00	774



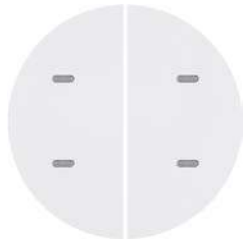
Design	Order no.	PU
Berker S.1 B.3 B.7		
for white and polar white ¹⁾	8016 27 80	1
for anthracite and aluminium ¹⁾	8016 27 85	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety ²⁾	8014 23 22	1
polar white ²⁾	8014 23 29	1
anthracite ²⁾	8014 23 26	1
aluminium ²⁾	8014 23 21	1
Berker K.1 K.5		
polar white ³⁾	8016 27 70	1
anthracite ³⁾	8016 27 76	1
aluminium ³⁾	8016 27 74	1
stainless steel ³⁾	8016 27 73	1



¹⁾ labelling field length (W x H): 52.3 x 24.9 mm

²⁾ Dimensions (W x H): 56.4 x 26.8 mm

³⁾ labelling field length (W x H): 66.8 x 25 mm



Push-button 2gang

- RGB LED
- internal temperature sensor



Current consumption KNX typ. 20 mA
Power consumption, KNX ≈ 150 mW
Operating temperature -5 ... +45 °C

Use only in conjunction with bus coupling unit flush-mounted (order no. : 8004 00 x1)!

Suitable for

Bus coupling unit, flush-mounted

optional

KNX Configuration server easy link RMD

Order no.

8004 00 ..

8001 00 00

Page

517

774



Design

Berker R.1 | R.3 | R.8

Order no.

PU

polar white glossy

8016 28 69

1

black glossy

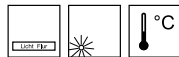
8016 28 65

1



Push-button 3gang

- labelling fields
- RGB LED
- internal temperature sensor



Current consumption KNX typ. 20 mA
Power consumption, KNX ≈ 150 mW
Operating temperature -5 ... +45 °C

Use only in conjunction with bus coupling unit flush-mounted (order no. : 8004 00 x1)!

Suitable for

Bus coupling unit flush-mounted

optional

KNX Configuration server easy link RMD

Order no.

8004 00 ..

8001 00 00

Page

740

774



Design

Berker S.1 | B.3 | B.7

Order no.

PU

for white and polar white ¹⁾

8016 37 80

1

for anthracite and aluminium ¹⁾

8016 37 85

1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety ²⁾

8014 33 22

1

polar white ²⁾

8014 33 29

1

anthracite ²⁾

8014 33 26

1

aluminium ²⁾

8014 33 21

1

Berker K.1 | K.5

polar white ³⁾

8016 37 70

1

anthracite ³⁾

8016 37 76

1

aluminium ³⁾

8016 37 74

1

stainless steel ³⁾

8016 37 73

1



¹⁾labelling field length (W x H): 52.3 x 15.6 mm

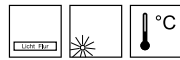
²⁾Dimensions (W x H): 56.4 x 17 mm

³⁾labelling field length (W x H): 66.8 x 15.7 mm



Push-button 4gang

- labelling fields
- RGB LED
- internal temperature sensor



Current consumption KNX typ. 20 mA
 Power consumption, KNX ≈ 150 mW
 Operating temperature -5 ... +45 °C

Use only in conjunction with bus coupling unit flush-mounted (order no. : 8004 00 x1)!

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	8004 00 ..	740
optional KNX Configuration server easy link RMD	8001 00 00	774



Design	Order no.	PU
Berker S.1 B.3 B.7 for white and polar white ¹⁾	8016 47 80	1
for anthracite and aluminium ¹⁾	8016 47 85	1
Berker Q.1 Q.3 Q.7 Q.9 white velvety ²⁾	8014 43 22	1
polar white ²⁾	8014 43 29	1
anthracite ²⁾	8014 43 26	1
aluminium ²⁾	8014 43 21	1
Berker K.1 K.5 polar white ³⁾	8016 47 70	1
anthracite ³⁾	8016 47 76	1
aluminium ³⁾	8016 47 74	1
stainless steel ³⁾	8016 47 73	1



¹⁾ labelling field length (W x H): 52.3 x 24.9 mm
²⁾ Dimensions (W x H): 56.4 x 12 mm
³⁾ labelling field length (W x H): 66.8 x 25 mm

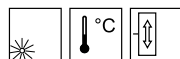
Push-button modules

- the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.



Push-button module 1gang

- RGB LED
- internal temperature sensor
- integrated bus coupling unit



Operating voltage over bus 21 ... 32 V=
 Operating temperature -5 ... +45 °C
 Installation depth 32 mm

- with one RGB status LED configurable in brightness and colour
- push-button functions: including switching, dimming, roller shutter/blind, operating mode changeover, scene
- setting of 1 ... 8 scenes possible
- colour of status LED uniformly adjustable for complete device
- brightness value of the status LED for day/nighttime operation preset, change-over for day/nighttime operation possible
- integrated temperature sensor with output of the measured values
- function for manual interruption of automatic functions already triggered
- with integrated buzzer for acoustic identification of the device within the system
- with programming button and red programming LED
- with integrated bus coupling unit
- bus connection via connecting terminal
- with anti-dismantling protection

Suitable for	Order no.	Page
optional KNX Configuration server easy link RMD	8001 00 00	774

Design	Order no.	PU
Berker S.1 B.3 B.7 Push-button module 1gang	8014 11 80	1





Berker Q.1 | Q.3 | Q.7 | Q.9, K.1 | K.5

Push-button module 1gang

8014 11 70

1

Cover for 1gang for push-button module

- clear lens



- with clear lens for RGB status display of the push-button module

Design

Berker S.1 | B.3 | B.7

white glossy

8096 02 82

1

polar white glossy

8096 02 89

1

polar white, matt, plastic

8096 02 99

1

anthracite, matt

8096 02 85

1

aluminium, matt, lacquered

8096 02 83

1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety

8096 02 22

1

polar white velvety

8096 02 29

1

anthracite velvety, lacquered

8096 02 26

1

aluminium velvety, lacquered

8096 02 21

1

Berker K.1 | K.5

polar white glossy

8096 02 79

1

anthracite, matt

8096 02 75

1

aluminium, matt, lacquered

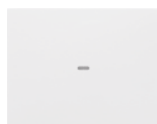
8096 02 71

1

stainless steel matt, lacquered

8096 02 73

1



Cover with imprint "0 - 1" for push-button module 1gang

- clear lens



- with clear lens for RGB status display of the push-button module

Design

Berker S.1 | B.3 | B.7

white glossy

8096 22 82

1

polar white glossy

8096 22 89

1

polar white matt

8096 22 99

1

anthracite matt

8096 22 85

1

aluminium matt, lacquered

8096 22 83

1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety, lacquered

8096 22 22

1

polar white velvety, lacquered

8096 22 29

1

anthracite velvety, lacquered

8096 22 26

1

aluminium velvety, lacquered

8096 22 21

1

Berker K.1 | K.5

polar white glossy

8096 22 79

1

anthracite matt

8096 22 75

1

aluminium matt, lacquered

8096 22 71

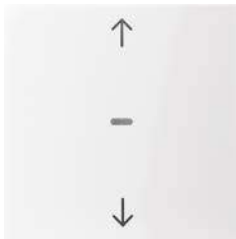
1

stainless steel matt, lacquered

8096 22 73

1





Cover with imprinted symbol arrows for push-button module 1gang

- clear lens



Design

Berker S.1 | B.3 | B.7

white glossy	8096 12 82	1
polar white glossy	8096 12 89	1
polar white matt	8096 12 99	1
anthracite matt	8096 12 85	1
aluminium matt, lacquered	8096 12 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety, lacquered	8096 12 22	1
polar white velvety, lacquered	8096 12 29	1
anthracite velvety, lacquered	8096 12 26	1
aluminium velvety, lacquered	8096 12 21	1

Berker K.1 | K.5

polar white glossy	8096 12 79	1
anthracite matt	8096 12 75	1
aluminium matt, lacquered	8096 12 71	1
stainless steel matt, lacquered	8096 12 73	1



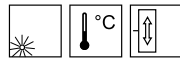
- with clear lens for RGB status display of the push-button module

Suitable for	Order no.	Page
Push-button module 1gang	8014 11 ..	743
Order no.		PU



Push-button module 2gang

- RGB LED
- internal temperature sensor
- integrated bus coupling unit



Operating voltage over bus
Operating temperature
Installation depth

21 ... 32 V=
-5 ... +45 °C
32 mm

- with two RGB status LEDs configurable in brightness and colour
- push-button functions: including switching, dimming, roller shutter/blind, operating mode changeover, scene
- setting of 1 ... 8 scenes possible
- colour of status LED uniformly adjustable for complete device
- brightness value of the status LED for day/nighttime operation preset, change-over for day/nighttime operation possible
- integrated temperature sensor with output of the measured values
- function for manual interruption of automatic functions already triggered
- with integrated buzzer for acoustic identification of the device within the system
- with programming button and red programming LED
- with integrated bus coupling unit
- bus connection via connecting terminal
- with anti-dismantling protection

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774
Order no.		PU

Design

Berker S.1 | B.3 | B.7

Push-button module 2gang	8014 21 80	1
--------------------------	-------------------	---

Berker Q.1 | Q.3 | Q.7 | Q.9, K.1 | K.5

Push-button module 2gang	8014 21 70	1
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Cover for 2gang for push-button module

- clear lenses



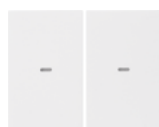
- with 2 clear lenses for the RGB status display of the push-button module

Design

Berker S.1 | B.3 | B.7

Suitable for	Order no.	Page
Push-button module 2gang	8014 21 ..	745
Order no.		PU

white glossy	8096 03 82	1
polar white glossy	8096 03 89	1
polar white, matt, plastic	8096 03 99	1
anthracite, matt	8096 03 85	1
aluminium, matt, lacquered	8096 03 83	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	8096 03 22	1
polar white velvety	8096 03 29	1
anthracite velvety, lacquered	8096 03 26	1
aluminium velvety, lacquered	8096 03 21	1
Berker K.1 K.5		
polar white glossy	8096 03 79	1
anthracite, matt	8096 03 75	1
aluminium, matt, lacquered	8096 03 71	1
stainless steel matt, lacquered	8096 03 73	1



Cover with imprint "0 - 1" for push-button module 2gang

- clear lenses



- with 2 clear lenses for the RGB status display of the push-button module

Design

Berker S.1 | B.3 | B.7

Suitable for	Order no.	Page
Push-button module 2gang	8014 21 ..	745
Order no.		PU

white glossy	8096 23 82	1
polar white glossy	8096 23 89	1
polar white matt	8096 23 99	1
anthracite matt	8096 23 85	1
aluminium matt, lacquered	8096 23 83	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety, lacquered	8096 23 22	1
polar white velvety, lacquered	8096 23 29	1
anthracite velvety, lacquered	8096 23 26	1
aluminium velvety, lacquered	8096 23 21	1
Berker K.1 K.5		
polar white glossy	8096 23 79	1
anthracite matt	8096 23 75	1
aluminium matt, lacquered	8096 23 71	1
stainless steel matt, lacquered	8096 23 73	1



Cover with imprinted symbol arrows for for push-button module 2gang

- clear lenses



- with 2 clear lenses for the RGB status display of the push-button module

Design

Berker S.1 | B.3 | B.7

Suitable for	Order no.	Page
Push-button module 2gang	8014 21 ..	745
Order no.		PU

white glossy	8096 13 82	1
polar white glossy	8096 13 89	1
polar white matt	8096 13 99	1
anthracite matt	8096 13 85	1
aluminium matt, lacquered	8096 13 83	1



Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety, lacquered	8096 13 22	1
polar white velvety, lacquered	8096 13 29	1
anthracite velvety, lacquered	8096 13 26	1
aluminium velvety, lacquered	8096 13 21	1



Berker K.1 | K.5

polar white glossy	8096 13 79	1
anthracite matt	8096 13 75	1
aluminium matt, lacquered	8096 13 71	1
stainless steel matt, lacquered	8096 13 73	1

Push-button modules IP55

- operating surfaces as buttons (single-surface operation) and rockers (two-surface operation)
- with programming button and red programming LED
- push-button functions: including switching, dimming, roller shutter/blind, scene, priority, value transmitter 2 byte, operating mode change-over
- setting of 1 ... 8 scenes possible
- function for manual interruption of automatic functions already triggered
- with integrated bus coupling unit
- bus connection via connecting terminal
- for catch fixing
- for surface-mounted housings or frames for flush-mounted
- the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.
- Inserts will only reach the degree of protection IP55 if mounted with a housing surface mounted or frame for flush-mounted installation of the Berker W.1 product line



Push-button module 1gang surface-mounted/flush-mounted

- integrated bus coupling unit



Suitable for
Frame for flush-mounted installation
Housing surface-mounted

Order no.
Page
page 647
page 648

Operating voltage over bus	21 ... 32 V=
Current consumption KNX	typ. 10 mA
Power consumption, KNX	≈ 108 mW
Operating temperature	-40 ... +30 °C

Degree of protection IP55 by installation into W.1 surface-mounted/flush-mounted housings and mounted rocker

Design Order no. PU

Berker W.1

light grey/grey glossy/matt	8014 12 00	1
-----------------------------	-------------------	---



Group push-button module 1gang surface-mounted/flush-mounted

- integrated bus coupling unit



- with 0-position (rocker centre bearing)

Suitable for
Frame for flush-mounted installation
Housing surface-mounted

Order no.
Page
page 647
page 648

Operating voltage over bus	21 ... 32 V=
Current consumption KNX	typ. 10 mA
Power consumption, KNX	≈ 108 mW
Operating temperature	-40 ... +30 °C

Degree of protection IP55 by installation into W.1 surface-mounted/flush-mounted housings and mounted rocker

Design Order no. PU

Berker W.1

light grey/grey glossy/matt	8014 13 00	1
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Rocker

– with sealing membrane

Design

grey matt

polar white matt

Suitable for	Order no.	Page
Push-button module 1gang surface-mounted/flush-mounted	8014 12 00	747
Group push-button module 1gang surface-mounted/flush-mounted	8014 13 00	747

Order no. PU

61 3076 35 45 10

61 3076 35 42 10



Rocker

- lens



Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

– for illumination and monitoring circuit
– with sealing membrane

Design

grey matt

polar white matt

Suitable for	Order no.	Page
Push-button module 1gang surface-mounted/flush-mounted	8014 12 00	747
Group push-button module 1gang surface-mounted/flush-mounted	8014 13 00	747

optional
Lens with imprint page 650

Order no. PU

3086 35 45 10

3086 35 42 10



Rocker

- labelling field



– for illumination
– with sealing membrane

Design

grey matt

polar white matt

Suitable for	Order no.	Page
Push-button module 1gang surface-mounted/flush-mounted	8014 12 00	747
Group push-button module 1gang surface-mounted/flush-mounted	8014 13 00	747

Order no. PU

3076 35 45 10

3076 35 42 10



Rocker with imprint "0 - 1"

– with sealing membrane

Design

grey matt

polar white matt

Suitable for	Order no.	Page
Group push-button module 1gang surface-mounted/flush-mounted	8014 13 00	747

Order no. PU

3042 35 45 10

3042 35 42 10



Rocker with imprinted arrow symbol

– with sealing membrane

Design

grey/lightgrey matt

polar white matt

Suitable for	Order no.	Page
Group push-button module 1gang surface-mounted/flush-mounted	8014 13 00	747

Order no. PU

3065 35 45 10

3065 35 42 10



Push-button module 2gang surface-mounted/flush-mounted

- integrated bus coupling unit



Operating voltage over bus 21 ... 32 V=
Current consumption KNX typ. 10 mA
Power consumption, KNX ≈ 108 mW
Operating temperature -40 ... +30 °C

Degree of protection IP55 by installation into W.1 surface-mounted/flush-mounted housings and mounted rocker

Design	Order no.	Page
Berker W.1		page 647 page 648
light grey/grey glossy/matt	8014 14 00	1

Suitable for
Frame for flush-mounted installation
Housing surface-mounted

Order no.

Page
page 647
page 648



Group push-button module 2gang surface-mounted/flush-mounted

- integrated bus coupling unit



Operating voltage over bus 21 ... 32 V=
Current consumption KNX typ. 10 mA
Power consumption, KNX ≈ 108 mW
Operating temperature -40 ... +30 °C

Degree of protection IP55 by installation into W.1 surface-mounted/flush-mounted housings and mounted rocker

Design	Order no.	Page
Berker W.1		page 647 page 648
light grey/grey glossy/matt	8014 15 00	1

- with 0-position (rocker centre bearing)

Suitable for
Frame for flush-mounted installation
Housing surface-mounted

Order no.

Page
page 647
page 648



Rocker 2gang

- with sealing membrane

Design	Order no.	Page
grey matt	3055 35 45	10
polar white matt	3055 35 42	10

Suitable for
Push-button module 2gang surface-mounted/flush-mounted 8014 14 00 749
Group push-button module 2gang surface-mounted/flush-mounted 8014 15 00 749

Order no.

Page

KNX
easy



Rocker 2gang

- clear lens



Design	Order no.	Page
grey matt ¹⁾	3086 35 55	10
polar white matt ¹⁾	3086 35 52	10

- for illumination and monitoring circuit
- with sealing membrane

Suitable for
Push-button module 2gang surface-mounted/flush-mounted 8014 14 00 749
Group push-button module 2gang surface-mounted/flush-mounted 8014 15 00 749

Order no.

Page

¹⁾ with clear lens



Rocker 2gang with imprint "0" and "1"

- with sealing membrane

Design	Order no.	Page
grey/lightgrey matt	3042 35 55	10
polar white matt	3042 35 52	10

Suitable for
Group push-button module 2gang surface-mounted/flush-mounted 8014 15 00 749

Order no.

Page



Rocker 2gang with imprinted arrow symbol

– with sealing membrane

Design	Order no.	Page
grey matt	3065 35 65	10
polar white matt	3065 35 62	10

Suitable for	Order no.	Page
Push-button module 2gang surface-mounted/flush-mounted	8014 14 00	749



Rocker 2gang with imprinted arrow symbol

– with sealing membrane

Design	Order no.	Page
grey/lightgrey matt	3065 35 55	10
polar white matt	3065 35 52	10

Suitable for	Order no.	Page
Group push-button module 2gang surface-mounted/flush-mounted	8014 15 00	749

KNX thermostat

- TFT colour display with symbol display
- to display and initiate actions
- display of operating mode, controller lockout, room/outside temperature, time and date
- screensavers
- menu guidance in DE/EN/FR/NL/IT/ES/PT/PL/DK/SV/FI/NO/TR
- operation via sensitive Touch control surface
- for individual single room temperature control
- control parameter for heating / cooling unit preset
- additional connection for external temperature sensor
- temperature measurement via internal, external temperature sensor or via object and their mean value formation
- with integrated bus coupling unit
- bus connection via connecting terminal
- with spreader claws
- the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.



KNX thermostat

- integrated bus coupling unit
- colour display
- external temperature sensor connection



Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V=
Current consumption KNX	max. 10 mA
Energy efficiency class	IV (2%)
TFT screen size	1.93"
Dimensions of display (W x H)	38.3 x 30.3 mm
Power reserve	≈ 4 h
Operating temperature	-5 ... +45 °C
Sensor cable length	10 m
Installation depth	32 mm

- operating mode heating, cooling or heating/cooling can be selected
- comfort, standby, night-time reduction, frost/heat protection operating mode switchable via scene
- switching PI-control (PWM) or switching 2-point control can be selected
- heating type warm water heating, warm water under-floor heating, electric heating, electric underfloor heating or split unit can be selected
- cooling type cooling ceiling, convector fan or split unit can be selected
- with keylock
- with holiday switching
- with frost protection function

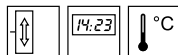
Design	Order no.	Page
KNX thermostat	8044 01 00	1

Suitable for	Order no.	Page
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
Electrical power supply 24 V DC RMD	7591 00 03	775
optional		
KNX Configuration server easy link RMD	8001 00 00	774
Temperature sensor	160	760



KNX room controller

- integrated bus coupling unit
- colour display
- external temperature sensor connection



Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V=
Current consumption KNX	max. 10 mA
Energy efficiency class	IV (2%)
TFT screen size	1.93"
Dimensions of display (W x H)	38.3 x 30.3 mm
Power reserve	≈ 4 h
Operating temperature	-5 ... +45 °C
Sensor cable length	10 m
Installation depth	32 mm

The KNX room controller in comparison with the thermostat also has push-button functions and can thus control all subsystems in a room.

- operating mode heating, cooling or heating/cooling can be selected
- comfort, standby, night-time reduction, frost/heat protection operating mode switchable via scene
- switching PI-control (PWM) or switching 2-point control can be selected
- heating type warm water heating, warm water under-floor heating, electric heating, electric underfloor heating or split unit can be selected
- cooling type cooling ceiling, convector fan or split unit can be selected
- push-button functions: including switching, dimming, roller shutter/blind, operating mode changeover, scene
- setting of 1 ... 8 scenes possible
- with keylock
- with holiday switching
- with frost protection function
- function for manual interruption of automatic functions already triggered

Suitable for	Order no.	Page
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
Electrical power supply 24 V DC RMD	7591 00 03	775
optional		
KNX Configuration server easy link RMD	8001 00 00	774
Temperature sensor	160	760

Design	Order no.	PU
KNX room controller	8066 01 00	1

Cover for KNX thermostats and room controllers



Design

Berker S.1 | B.3 | B.7

	Order no.	Page
white glossy	8096 01 82	1
polar white glossy	8096 01 89	1
polar white, matt, plastic	8096 01 80	1
anthracite, matt	8096 01 85	1
aluminium matt, lacquered	8096 01 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	8096 01 22	1
polar white velvety	8096 01 29	1
anthracite velvety, lacquered	8096 01 26	1
aluminium velvety, lacquered	8096 01 21	1

Berker K.1 | K.5

polar white glossy	8096 01 79	1
anthracite, matt	8096 01 75	1
aluminium, matt, lacquered	8096 01 71	1
stainless steel matt, lacquered	8096 01 73	1

Suitable for	Order no.	Page
KNX thermostat	8044 01 00	750
KNX room controller	8066 01 00	751

Order no.	PU
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Touch Panel

- display illumination can be switched automatically using brightness sensor
- depending on the software visualisation one and two surface operation, stepless configuration based on sliding and page scrolling by swiping are supported
- with USB/Mini USB type A adapter cable
- with RJ45 connector kit from connector and patch cable



Touch Panel 7" Android

Power over Ethernet (PoE)	18 ... 48 V=
Auxiliary voltage	18 ... 48 V=
Power consumption	< 10 W
TFT screen size	7"
Light intensity	300 cd/m ²
Transmission rate Ethernet	max. 10/100 Mbit/s
Processor	1 GHz
RAM	512 MB
Operating temperature	+5 ... +45 °C
Dimensions (W x H x D)	189.7 x 125.7 x 48.3 mm
Assembling height	12 mm

PoE power supply according to IEEE 802.3af Class 3 possible without audio applications.

- signal and operating panel with touch-sensitive, capacitive TFT colour display in 16:9 format, with Multi touch operation
- for visualisation of domovea software and display of preconfigured functions, measured values and data
- suitable for vertical and horizontal domovea visualisation
- connection to KNX system via domovea server
- operating system: OS Android 4.1
- applications (Apps) available in preinstalled Android launcher - without acces to external apps
- integration of door communication functions in the domovea client or the Elcom VideoFON app for IP intercom systems
- multi-touch function for the connection of multiple actions, e.g. to activate a function with simultaneous setting of a function value
- silent, long-lasting convection cooling without fan
- RJ45 Port for LAN connection
- card slot with 8 GB SDHC card
- microphone and loudspeaker with echo suppression
- Mini-USB 2.0 jack e.g. for external storage media or updates on the upper display edge is accessible without dismantling
- 2 USB 2.0 connections on the rear
- for flush mounting and hollow-wall mounting
- for vertical and horizontal mounting

Suitable for	Order no.	Page
Flush-mounted housing for 7" touch panel	7590 01 07	755
Flush-mounted housing for 7" Touch Panel, flush-to-wall	7590 02 07	756
optional		
Electrical power supply 24 V DC RMD	7591 00 03	775
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
Berker domovea Server RMD	7571 00 05	756
Berker domovea set	7571 00 06	757

Design	Order no.	PU
anthracite, 7" Android	7574 01 07	1



Touch Panel 10" Android

Power over Ethernet (PoE)	18 ... 48 V=
Auxiliary voltage	18 ... 48 V=
Power consumption	< 10 W
TFT screen size	10"
Light intensity	300 cd/m ²
Transmission rate Ethernet	max. 10/100 Mbit/s
Processor	1 GHz
RAM	512 MB
Operating temperature	+5 ... +45 °C
Dimensions (W x H x D)	259.4 x 177 x 67.5 mm
Assembling height	10 mm

PoE power supply according to IEEE 802.3af Class 3 possible without audio applications.

- signal and operating panel with touch-sensitive, capacitive TFT colour display in 16:9 format, with Multi touch operation
- for visualisation of domovea software and display of preconfigured functions, measured values and data
- suitable for horizontal domovea visualisation
- connection to KNX system via domovea server
- operating system: OS Android 4.1
- applications (Apps) available in preinstalled Android launcher - without acces to external apps
- integration of door communication functions in the domovea client or the Elcom VideoFON app for IP intercom systems
- multi-touch function for the connection of multiple actions, e.g. to activate a function with simultaneous setting of a function value
- silent, long-lasting convection cooling without fan
- RJ45 Port for LAN connection
- card slot with 8 GB SDHC card
- microphone and loudspeaker with echo suppression
- Mini-USB 2.0 jack e.g. for external storage media or updates on the upper display edge is accessible without dismantling
- 2 USB 2.0 connections on the rear
- for flush mounting and hollow-wall mounting
- for horizontal mounting

Suitable for	Order no.	Page
Flush-mounted housing for 10" touch panel	7590 01 10	755
Flush-mounted housing for 10" Touch Panel, flush-to-wall	7590 02 10	756
optional		
Electrical power supply 24 V DC RMD	7591 00 03	775
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
Berker domovea set	7571 00 06	757
Berker domovea Server RMD	7571 00 05	756

Design	Order no.	PU
anthracite, 10" Android	7574 01 10	1



Touch Panel 10" Windows

Auxiliary voltage	24 V=
Power consumption	max. 20 W
TFT screen size	10"
Transmission rate Ethernet	max. 1000 Mbit/s
Processor	2 x 1 GHz
RAM	2 GB
Operating temperature	+5 ... +35 °C
Dimensions (W x H x D)	259.4 x 177 x 67.5 mm
Assembling height	10 mm

- signal and operating panel with touch-sensitive, capacitive TFT colour display in 16:9 format, with Multi touch operation
- for visualisation of domovea software via PC client or other Windows-based applications and for display of preconfigured functions, measured values and data
- suitable for horizontal domovea visualisation
- connection to KNX system possible via a local server e.g. the domovea server
- Visualisation for Berker IP-Control via the IP-Control Starter software
- operating system: Windows 7 embedded, on integrated PC
- Integration of door communication functions via the Elcom VideoFON Client software
- multi-touch function for the connection of multiple actions, e.g. to activate a function with simultaneous setting of a function value
- disabling function for cleaning the user interface
- silent, long-lasting convection cooling without fan
- 2 RJ45 Ports for LAN connection
- internal memory of 64 GB SSD present
- microphone and loudspeaker with echo suppression
- Mini-USB 2.0 jack e.g. for external storage media or updates on the upper display edge is accessible without dismantling
- 2 USB 2.0 connections on the rear
- additional connection for Serial RS232
- for flush mounting and hollow-wall mounting
- for vertical and horizontal mounting

Suitable for	Order no.	Page
Flush-mounted housing for 10" touch panel	7590 01 10	755
Flush-mounted housing for 10" Touch Panel, flush-to-wall	7590 02 10	756
optional		
Electrical power supply 24 V DC RMD	7591 00 03	775
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
IP control RMD	7571 00 04	821
IP-Control for use-dependent room controllers RMD	7571 00 36	821
Berker domovea Server RMD	7571 00 05	756
Berker domovea set	7571 00 06	757

Design	Order no.	PU
anthracite, 10" Windows	7574 02 10	1



Touch Panel 16" Windows

Auxiliary voltage	24 V=
Power consumption	max. 20 W
TFT screen size	16"
Transmission rate Ethernet	max. 1000 Mbit/s
Processor	2 x 1 GHz
RAM	2 GB
Operating temperature	+5 ... +35 °C
Dimensions (W x H x D)	377.4 x 231.8 x 66.4 mm
Assembling height	11 mm

- signal and operating panel with touch-sensitive, capacitive TFT colour display in 16:9 format, with Multi touch operation
- for visualisation of domovea software via PC client or other Windows-based applications and for display of preconfigured functions, measured values and data
- suitable for horizontal domovea visualisation
- connection to KNX system possible via a local server e.g. the domovea server
- Visualisation for Berker IP-Control via the IP-Control Starter software
- operating system: Windows 7 embedded, on integrated PC
- Integration of door communication functions via the Elcom VideoFON Client software
- multi-touch function for the connection of multiple actions, e.g. to activate a function with simultaneous setting of a function value
- disabling function for cleaning the user interface
- silent, long-lasting convection cooling without fan
- 2 RJ45 Ports for LAN connection
- internal memory of 32 GB SSD present
- microphone and loudspeaker with echo suppression
- Mini-USB 2.0 jack e.g. for external storage media or updates on the upper display edge is accessible without dismantling
- 2 USB 2.0 connections on the rear
- additional connection for Serial RS232
- for flush mounting and hollow-wall mounting
- for vertical and horizontal mounting

Suitable for	Order no.	Page
Flush-mounted housing for 16" touch panel	7590 01 16	755
Flush-mounted housing for 16" Touch Panel, flush-to-wall	7590 02 16	756
optional		
Electrical power supply 24 V DC RMD	7591 00 03	775
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
IP control RMD	7571 00 04	821
IP-Control for use-dependent room controllers RMD	7571 00 36	821
Berker domovea Server RMD	7571 00 05	756
Berker domovea set	7571 00 06	757

Design	Order no.	PU
anthracite, 16" Windows	7574 02 16	1



Flush-mounted housing

- for installation of a Touch Panel
- with cleaning cover
- for flush mounting and hollow-wall mounting
- for vertical and horizontal mounting

Design	Order no.	PU
Flush-mounted housing for 7" touch panel, anthracite, lacquered ¹⁾	7590 01 07	1
Flush-mounted housing for 10" touch panel, anthracite, lacquered ²⁾	7590 01 10	1
Flush-mounted housing for 16" touch panel, anthracite, lacquered ³⁾	7590 01 16	1

¹⁾ Dimensions (W x H x D): 190 x 126 x 47 mm, cavity wall opening (W x H x D): 182 x 117 x 47 mm
²⁾ Dimensions (W x H x D): 260 x 177 x 64 mm, cavity wall opening (W x H x D): 252 x 169 x 64 mm
³⁾ Dimensions (W x H x D): 378 x 233 x 64 mm, cavity wall opening (W x H x D): 370 x 225 x 64 mm



Flush-mounted housing, flush-to-wall

- for flush-to-wall installation of a Touch Panel
- with Push-to-open mechanism for comfortable mounting
- with cleaning cover
- for flush mounting and hollow-wall mounting
- for vertical and horizontal mounting

Design	Order no.	PU
Flush-mounted housing for 7" Touch Panel, flush-to-wall, anthracite, lacquered ¹⁾	7590 02 07	1
Flush-mounted housing for 10" Touch Panel, flush-to-wall, anthracite, lacquered ²⁾	7590 02 10	1
Flush-mounted housing for 16" Touch Panel, flush-to-wall, anthracite, lacquered ³⁾	7590 02 16	1

¹⁾ Dimensions (W x H x D): 197.7 x 133.6 x 74 mm, cavity wall opening (W x H x D): 197.7 x 133.6 x 74 mm
²⁾ Dimensions (W x H x D): 269 x 186 x 74 mm, cavity wall opening (W x H x D): 269 x 186 x 74 mm
³⁾ Dimensions (W x H x D): 387 x 242 x 74 mm, cavity wall opening (W x H x D): 387 x 242 x 74 mm

Berker domovea



Berker domovea Server RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V=
Current consumption (operation)	≈ 150 mA
Power consumption (operation)	≈ 1.5 W
RAM	128 MB
Graphics memory	≈ 20 MB
Processor	400 MHz
Operating temperature	+0 ... +45 °C
Width of rail mounted device (RMD)	6 modules
Dimensions (W x H x D)	105 x 89.8 x 60 mm

- for control and visualisation of e.g. shutters, lights, heating, ventilation, alarm system, sensors
- creation of max. 50 sequences from different actions
- user interface can be configured individually for each room with special background images
- KNX server to supply up to 30 visualisation clients simultaneously with KNX data
- configuration tool for installation of IP settings and parameterisations
- with configuration and client software on USB stick
- with status LEDs for LAN status, operational stand-by and connection status to web portal
- creation of light scenes
- creation of measured value archives and energy consumption visualisation with KNX energy meters
- managing up to 30 users with different access rights
- software update via USB interface on the device
- integration of max. 10 network cameras
- RJ45 Port for LAN connection
- bus connection via connecting terminal
- with QuickConnect plug-in terminals
- selection switch for online/offline mode
- with integrated bus coupling unit

Central operating and visualisation unit for KNX installations via client software.

Knowledge of the relevant network technology is required for commissioning.

System requirements: Windows XP | VISTA | 7 | 8 | 10, (32 or 64 bit).

Suitable for	Order no.	Page
Touch Panel		page 752
optional		
Berker domovea licence for remote access	7590 00 34	756
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
Electrical power supply 24 V DC RMD	7591 00 03	775

Manufacturer product line
KNX energy meters
Hager

Design	Order no.	PU
light grey matt	7571 00 05	1



Berker domovea licence for remote access

Licence for the activation of the remote access to a domovea server via the web-portal www.domovea.com

- for remote control of the KNX building systems via Berker domovea
- licence data on USB stick

Suitable for	Order no.	Page
Berker domovea Server RMD	7571 00 05	756
Berker domovea server software with USB adapter	7590 00 35	823

Design	Order no.	PU
Berker domovea licence for remote access	7590 00 34	1



Berker domovea set

Width rail mounted devices (RMD) in total

10 modules

Suitable for Touch Panel

Order no.

Page page 752

Set consisting of:

- Berker domovea server RMD, order n. 7571 00 05
- Power supply 24 V DC RMD, order no. 7591 00 03
- Berker domovea licence for remote access, order no. 7590 00 34

Knowledge of the relevant network technology is required for commissioning.

Design

light grey matt

Order no.

7571 00 06

PU

1

Sensors

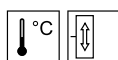
KNX motion detector

- the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.



KNX motion detector module 1.1 m

- internal temperature sensor
- integrated bus coupling unit



Operating voltage over bus	21 ... 32 V=
Current consumption KNX	max. 10 mA
Nominal mounting height	1.1 m
Delay time, adjustable	10 s ... 30 min
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Detection angle, settable	each side ≈ 45 ... 90°
Detection field, rectangular shaped	≈ 12 x 16 m
Operating temperature	-5 ... +45 °C

- with button for automatic/permanent ON/permanent OFF
- operating mode display via status LED, red/green/orange
- setting of 1 ... 8 scenes possible
- motion detector functions: switching, dimming, roller shutter/blind, timer
- additional channel for independent of brightness detector mode
- with integrated bus coupling unit
- bus connection via connecting terminal
- with spreader claws
- with dismantling protection

Suitable for optional

Order no.

Page

KNX Configuration server easy link RMD

8001 00 00

774

Automatic triggering of bus functions for movement within the detection area or manual control via integrated button.

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the motion detector.

Only suitable for indoor areas!

Design

Berker S.1 | B.3 | B.7

KNX motion detector module 1.1 m

Order no.

8026 21 80

PU

1

Berker Q.1 | Q.3 | Q.7 | Q.9, K.1 | K.5

KNX motion detector module 1.1 m

8026 21 70

1

Berker R.1 | R.3 | R.8

KNX motion detector module 1.1 m

8026 21 60

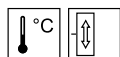
1





KNX motion detector module 2.2 m

- internal temperature sensor
- integrated bus coupling unit



Operating voltage over bus	21 ... 32 V=
Current consumption KNX	max. 10 mA
Nominal mounting height	2.2 m
Delay time, adjustable	10 s ... 30 min
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Detection angle, settable	each side ≈ 45 ... 90°
Detection field, rectangular shaped	≈ 8 x 12 m
Operating temperature	-5 ... +45 °C

- with button for automatic/permanent ON/permanent OFF
- operating mode display via status LED, red/green/orange
- setting of 1 ... 8 scenes possible
- motion detector functions: switching, dimming, roller shutter/blind, timer
- additional channel for independent of brightness detector mode
- with integrated bus coupling unit
- bus connection via connecting terminal
- with spreader claws
- with dismantling protection



Automatic triggering of bus functions for movement within the detection area or manual control via integrated button.

Only suitable for indoor areas!

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774

Design	Order no.	PU
Berker S.1 B.3 B.7		
KNX motion detector module 2.2 m	8026 22 80	1
Berker Q.1 Q.3 Q.7 Q.9, K.1 K.5		
KNX motion detector module 2.2 m	8026 22 70	1



Berker R.1 R.3 R.8		
KNX motion detector module 2.2 m	8026 22 60	1

Cover for KNX motion detector module



Suitable for	Order no.	Page
KNX motion detector module 1.1 m	8026 21 ..	757
KNX motion detector module 2.2 m	8026 22 ..	758

Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	8096 04 52	1
polar white glossy	8096 04 59	1
polar white matt	8096 04 09	1
anthracite, matt	8096 04 85	1
aluminium, matt, lacquered	8096 04 83	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	8096 04 22	1
polar white velvety	8096 04 29	1
anthracite velvety, lacquered	8096 04 26	1
aluminium velvety, lacquered	8096 04 21	1
Berker K.1 K.5		
polar white glossy	8096 04 79	1
anthracite, matt	8096 04 75	1
aluminium, matt, lacquered	8096 04 71	1
stainless steel matt, lacquered	8096 04 73	1
Berker R.1 R.3 R.8		
polar white glossy	8096 04 60	1
black glossy	8096 04 65	1



IR presence detectors

– the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.



KNX IR presence detector

Operating voltage over bus	21 ... 32 V=
Current consumption KNX	typ. 10 mA
Brightness measuring range	5 ... 1000 lx
Recommended installation height	≈ 2.5 ... 3.5 m
Delay time, adjustable	≈ 1 min ... 1 h
Detection angle	360°
Detection field Ø, on floor	≈ 7 m
Operating temperature	-10 ... +45 °C
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Dimensions (Ø x H)	78 x 70 mm

- energy saving by presence and brightness-controlled lighting control
- linking several detectors in order to expand the detection range
- with integrated bus coupling unit
- with potentiometers for setting the response brightness and delay time without dismantling
- bus connection via connecting terminal
- with spring clips for ceiling installation

e IP41

Suitable for optional	Order no.	Page
IR hand-held transmitter for presence detector	7590 40 01	79
IR configuration hand-held transmitter for presence detector	7590 40 02	80
Surface-mounted housing for IR presence detector	1701 05	79
KNX Configuration server easy link RMD	8001 00 00	774
Design	Order no.	PU
polar white matt	7524 10 05	1



Surface-mounted housing for IR presence detector

Dimensions (Ø x H)	75 x 67 mm
--------------------	------------

- with cable entry
- | Suitable for | Order no. | Page |
|--------------------------|------------|------|
| KNX IR presence detector | 7524 10 05 | 759 |

Design	Order no.	PU
polar white matt	1701 05	1



IR hand-held transmitter for presence detector

Battery service life [years]	≈ 3.5
Dimensions (L x W x H)	120 x 70 x 10 mm

- with 4 function buttons (calling up/saving light scene)
- with green "on" and red "off" button (on/off, dimmer function)
- additional acknowledgement LED for displaying the IR transmission
- RC6 code

For control for the lighting connected to the presence detector.

Scope of functions dependent on the controlled presence detector.

Required battery (CR 2032) is included in the scope of delivery.

Suitable for	Order no.	Page
KNX IR presence detector	7524 10 05	759

IP30



Design	Order no.	PU
black matt	7590 40 01	1



IR configuration hand-held transmitter for presence detector

Battery service life [years]	≈ 3.5
Dimensions (L x W x H)	111 x 63 x 10 mm

- 15 buttons with integrated status-LED
- additional acknowledgement LED for displaying the IR transmission
- 3 configuration ranges for control, switch-off delay, brightness threshold
- setting of the brightness threshold manually, by default values or teach-in mode
- default settings can be selected for the brightness threshold daylight, office, corridor
- RC6 code
- 2 configuration memories for identical configuration of several presence detectors

For convenient configuration of supported presence detectors.

Required battery (CR 2032) is included in the scope of delivery.

Suitable for	Order no.	Page
KNX IR presence detector	7524 10 05	759

IP30



Design	Order no.	PU
black matt	7590 40 02	1

Physical sensors

– the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.



IP44

KNX weather station with GPS surface-mounted

- integrated bus coupling unit



Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~/=
Rated current (heating incl.)	81 mA
Brightness measuring range	0 ... 150000 lx
Temperature measuring range, linear	-30 ... +80 °C
Measuring range, wind speed	0 ... 35 m/s
Precipitation (Yes/No)	1 bit
Operating temperature	-30 ... +50 °C
Dimensions (W x H x D)	96 x 77 x 118 mm
Weight	≈ 170 g

For detection of wind, precipitation, temperature and brightness as well to process the signals.
Ensure correct orientation and free-standing installation.

- with wind, precipitation, twilight, temperature and brightness sensor
- 3 limit values can be set for wind alarm
- with simulation function for commissioning independently of weather conditions
- for control of shading systems for up to 4 facades
- with automatic summer/winter time change-over
- Reception of date, time and location data via GPS signal
- with heater element for winter operation
- with red programming LED
- with programming button
- cyclical transmission behaviour for temperature alarm, brightness, day/night mode, rain alarm and 3 wind alarm levels freely adjustable
- easy commissioning by means of predefined parameters
- predefined parameters when activating heat protection function or heat generation function
- with integrated bus coupling unit
- bus connection via connecting terminal
- with plug-in terminals for power supply
- for wall and mast assembly
- with pipe clamp for mast fixing

Suitable for optional	Order no.	Page
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
Electrical power supply 24 V DC RMD	7591 00 03	775
KNX Configuration server easy link RMD	8001 00 00	774
Design	Order no.	PU
white transparent	8049 00 02	1



Temperature sensor

Characteristic resistance value at 25 °C	10 kΩ
Operating temperature	-40 ... +80 °C
Sensor cable length	4 m

- as replacement or function extension of KNX products with suitable connection, such as KNX thermostat/ room controller, KNX Touch Control, push-button modules or bus coupling unit (order no. 8014 00 x1 only)

Suitable for	Order no.	Page
KNX thermostat	8044 01 00	750
KNX room controller	8066 01 00	751
Bus coupling unit flush-mounted	8004 00 ..	740



Design	Order no.	PU
Temperature sensor	160	1

Universal interfaces

- for the connection of switches, push-buttons, detectors, sensors, key switches and bolt switch contacts to KNX
- with programming button and red programming LED
- the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.
- with integrated bus coupling unit
- bus connection via connecting terminal



Universal interface 2gang flush-mounted

Operating voltage over bus 21 ... 32 V=
Input scanning voltage per channel 5 V
Operating temperature +0 ... +45 °C
Line length max. 5 m
Dimensions (L x W x H) 38 x 35 x 12 mm

For connection of potential-free contacts, e.g. switches, push-buttons, window contacts, detector contacts or thermostats, for communication into KNX bus system.

- switching functions, dimming functions, blind control functions functions, forced control functions, scene functions, heating functions and timer functions
- with 2 independent binary inputs for potential-free contacts
- for flush mounting and hollow-wall mounting

Suitable for	Order no.	Page
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
optional		
KNX Configuration server easy link RMD	8001 00 00	774
Design	Order no.	PU
light grey	7564 20 02	1



Universal interface 2gang with 2 LED outputs flush-mounted

Operating voltage over bus 21 ... 32 V=
Input scanning voltage per channel 5 V
Operating temperature +0 ... +45 °C
Line length max. 5 m
Dimensions (L x W x H) 38 x 35 x 12 mm

For connection of potential-free contacts, e.g. switches, push-buttons, window contacts, detector contacts or thermostats, for communication into KNX bus system.

- switching functions, dimming functions, blind control functions functions, forced control functions, scene functions, heating functions and timer functions
- with 2 independent binary inputs for potential-free contacts
- with 2 freely parameterisable outputs for LED activation
- for flush mounting and hollow-wall mounting

Suitable for	Order no.	Page
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
optional		
KNX Configuration server easy link RMD	8001 00 00	774
Design	Order no.	PU
light grey	7564 20 03	1



Universal interface 4gang flush-mounted

Operating voltage over bus 21 ... 32 V=
Input scanning voltage per channel 5 V
Operating temperature +0 ... +45 °C
Line length max. 5 m
Dimensions (L x W x H) 38 x 35 x 12 mm

For connection of potential-free contacts, e.g. switches, push-buttons, window contacts, detector contacts or thermostats, for communication into KNX bus system.

- switching functions, dimming functions, blind control functions functions, forced control functions, scene functions, heating functions and timer functions
- with 4 independent binary inputs for potential-free contacts
- for flush mounting and hollow-wall mounting

Suitable for	Order no.	Page
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
optional		
KNX Configuration server easy link RMD	8001 00 00	774
Design	Order no.	PU
light grey	7564 40 02	1



Universal interface 4gang with 4 LED outputs, flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Operating temperature	+0 ... +45 °C
Line length	max. 5 m
Dimensions (L x W x H)	38 x 35 x 12 mm

For connection of potential-free contacts, e.g. switches, push-buttons, window contacts, detector contacts or thermostats, for communication into KNX bus system.

- switching functions, dimming functions, blind control functions functions, forced control functions, scene functions, heating functions and timer functions
- with 4 independent binary inputs for potential-free contacts
- with 4 freely configurable outputs for LED activation
- for flush mounting and hollow-wall mounting

Suitable for	Order no.	Page
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
optional		
KNX Configuration server easy link RMD	8001 00 00	774
Design	Order no.	PU
light grey	7564 40 03	1



Binary inputs

- the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.



Binary input 4gang RMD 230 V

Operating voltage over bus	21 ... 32 V=
Input voltage	230 V~
Signal frequency	50/60 Hz
Input cable length	max. 100 m
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	70 x 90 x 65 mm
Width of rail mounted device (RMD)	4 modules
Current consumption KNX	max. 4 mA

For connection of 230 V AC power supplied contacts for communication into KNX bus system.

- with 4 red status LEDs for display of input states
- with programming button and red programming LED
- switching functions, dimming functions, blind control functions functions, forced control functions, scene functions, heating functions and timer functions
- manual operation can be activated via selection switch
- manual operation per channel via button with integrated status LED, thereby lockout of KNX function
- with integrated bus coupling unit
- bus connection via connecting terminal
- with 4 independent binary inputs with separate neutral conductor
- suitable for different external conductors
- with QuickConnect plug-in terminals

Suitable for	Order no.	Page
optional		
KNX Configuration server easy link RMD	8001 00 00	774
Design	Order no.	PU
light grey	7521 40 09	1



Binary input 10gang RMD 230 V

Operating voltage over bus	21 ... 32 V=
Input voltage	230 V~
Signal frequency	50/60 Hz
Input cable length	max. 100 m
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	105 x 90 x 65 mm
Width of rail mounted device (RMD)	6 modules
Current consumption KNX	max. 15 mA

- with 10 red status LEDs for display of input states
- with programming button and red programming LED
- switching functions, dimming functions, blind control functions functions, forced control functions, scene functions, heating functions and timer functions
- manual operation can be activated via selection switch
- manual operation per channel via button with integrated status LED, thereby lockout of KNX function
- with integrated bus coupling unit
- bus connection via connecting terminal
- with 10 independent binary inputs with separate neutral conductor
- suitable for different external conductors
- with QuickConnect plug-in terminals

Suitable for	Order no.	Page
optional		
KNX Configuration server easy link RMD	8001 00 00	774
Design	Order no.	PU
light grey	7521 90 00	1





KNX binary input 6gang RMD 24 ... 230 V V AC/DC

Operating voltage over bus	21 ... 32 V=
Signal voltage	potential-free, 24 ... 230 V~/=
Input cable length	max. 100 m
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	105 x 90 x 65 mm
Width of rail mounted device (RMD)	6 modules
Current consumption KNX	max. 7 mA

- with 6 red status LEDs for display of input states
- with programming button and red programming LED
- switching functions, dimming functions, blind control functions, forced control functions, scene functions, heating functions and timer functions
- manual operation can be activated via selection switch
- manual operation per channel via button with integrated status LED, thereby lockout of KNX function
- with integrated bus coupling unit
- bus connection via connecting terminal
- with 6 independent binary inputs with separate neutral conductor
- suitable for different external conductors
- with QuickConnect plug-in terminals

For connection of potential-free or 24 ... 230 V AC/DC power supplied contacts for communication into KNX bus system.

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774
Design	Order no.	PU
light grey	7521 60 02	1



Actuators

Switch actuator/blind actuators easy RMD

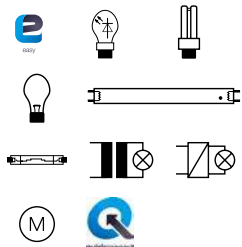
- the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.



Switch actuator/blind actuator RMD 10 A

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 10 A
230 V LED lamps	per channel max. 12 x 23 W
Energy-saving lamps	per channel max. 12 x 23 W
230 V incandescent lamps	1200 W
230 V halogen lamps	1200 W
Conventional transformers	1200 VA
Electronic transformers	1000 W
Fluorescent lamps:	
- uncompensated	1000 W
- with electronic ballast (EB)	15 x 36 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²

- for switching of an independent load per actuator channel or activation of a blind drive via two actuator channels each
- any combined operation from drive and switching functions possible
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation)
- with illuminated programming button
- status LED integrated in manual operation button
- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- Switching time on change of direction is preset
- large labelling field
- suitable to switch different external conductors
- with integrated bus coupling unit
- bus connection via connecting terminal
- with QuickConnect plug-in terminals



Follow the motor manufacturers' instructions.
For switching of independent loads or activation of drives.

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774

6 control channels/3 blind actuator channels

light grey, 6/3gang easy ¹⁾	8031 61 03	1
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8 control channels/4 blind actuator channels

light grey, 8/4gang easy with auxiliary voltage ²⁾	8031 81 03	1
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10 control channels/5 blind actuator channels

light grey, 10/5gang easy ²⁾	8031 90 01	1
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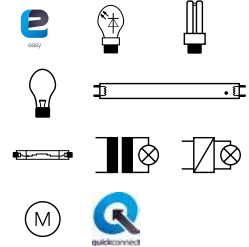
¹⁾ Dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
²⁾ dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules



Switch actuator/blind actuator RMD for C load, 16 A

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 16 A
230 V LED lamps	per channel max. 18 x 23 W
Energy-saving lamps	per channel max. 18 x 23 W
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
Conventional transformers	1600 VA
Electronic transformers	1200 W
Fluorescent lamps:	
- uncompensated	1200 W
- parallel compensated	1500 W [200 µF]
- with electronic ballast (EB)	20 x 36 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²

- for switching of an independent load per actuator channel or activation of a blind drive via two actuator channels each
- any combined operation from drive and switching functions possible
- manual operation can be activated via 2-level selection switch, thereby deactivation of the KNX function
- with illuminated programming button
- status LED integrated in manual operation button
- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- Switching time on change of direction is preset
- large labelling field
- suitable to switch different external conductors
- with integrated bus coupling unit
- bus connection via connecting terminal
- with QuickConnect plug-in terminals



Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774

Follow the motor manufacturers' instructions.
For switching of independent loads or activation of drives.

Design	Order no.	PU
4 control channels/2 blind actuator channels		
light grey, 4/2gang easy ¹⁾	8031 41 16	1
6 control channels/3 blind actuator channels		
light grey, 6/3gang easy ¹⁾	8031 61 05	1
8 control channels/4 blind actuator channels		
light grey, 8/4gang easy with auxiliary voltage ²⁾	8031 81 05	1
10 control channels/5 blind actuator channels		
light grey, 10/5gang easy ²⁾	8031 90 03	1



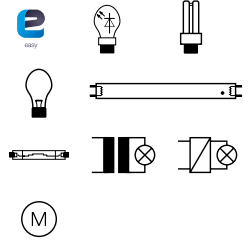
¹⁾ Dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
²⁾ dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules



Switch actuator/blind actuator RMD for C load, 16 A

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 16 A
Permissible total current (per device)	max. 176 A
230 V LED lamps	per channel max. 25 x 18 W
Energy-saving lamps	per channel max. 25 x 18 W
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
Conventional transformers	1500 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1200 W
- parallel compensated	1500 W [200 µF]
- with electronical ballast (EB)	20 x 36 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²

- for switching of an independent load per actuator channel or activation of a blind drive via two actuator channels each
- any combined operation from drive and switching functions possible
- manual operation can be activated via 2-level selection switch, thereby deactivation of the KNX function
- with illuminated programming button
- status LED integrated in manual operation button
- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- Switching time on change of direction is preset
- large labelling field
- suitable to switch different external conductors
- with integrated bus coupling unit
- bus connection via connecting terminal
- with screw terminals



Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774
Comb busbar 6 mm ² , 8 modules	8090 90 0 ..	776

Follow the motor manufacturers' instructions.
For switching of independent loads or activation of drives.

Design	Order no.	PU
16 control channels/8 blind actuator channels		
light grey, 16/8gang easy ^{1) 2)}	8031 90 04	1
20 control channels/10 blind actuator channels		
light grey, 20/10gang easy ^{3) 4)}	8031 90 05	1



¹⁾ Permissible total current (per device): max. 176 A, dimensions (W x H x D): 140 x 90 x 65 mm, 8 modules
²⁾ Dimensions (W x H x D): 140 x 90 x 65 mm, 8 modules
³⁾ Permissible total current (per device): max. 200 A, dimensions (W x H x D): 175 x 90 x 65 mm, 10 modules
⁴⁾ Dimensions (W x H x D): 175 x 90 x 65 mm, 10 module

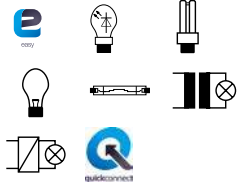
Dim actuators RMD easy

– the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.



Universal dim actuator 1gang easy RMD 300 W

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	60 W
Quantity of dimmable, 230 V LED lamps	max. 8
Dimmable energy-saving lamps	60 W
Quantity energy-saving lamps	max. 8
230 V incandescent lamps and halogen lamps	300 W
Dimmable conventional transformers	300 VA
Electronic transformers	300 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	70 x 90 x 65 mm
Width of rail mounted device (RMD)	4 modules



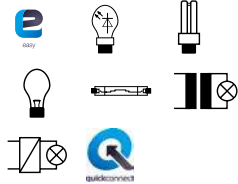
- selection switch for manual/bus operation as well as load setting
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation also possible without bus e.g. on building site
- manual operation per channel using button (single-area operation)
- status LED integrated in manual operation button
- with illuminated programming button
- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- specification of the load type per channel possible using button on the device
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- bulb-preserving soft startup
- overheating protection, display using LEDs
- overload protection, display via LED
- large labelling field
- preset behaviour in the event of bus voltage failure/return
- very low noise
- short-circuit proof and overload proof (display per channel using LEDs)
- with integrated bus coupling unit
- bus connection via connecting terminal
- with QuickConnect plug-in terminals

Do not connect conventional transformers together with electronic transformers.

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774
Design	Order no.	PU
light grey, 1gang easy, 300 W	8031 10 11	1



Universal dim actuator 1gang easy RMD 600 W



Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	120 W
Quantity of dimmable, 230 V LED lamps	max. 10
Dimmable energy-saving lamps	120 W
Quantity energy-saving lamps	max. 8
230 V incandescent lamps and halogen lamps	600 W
Dimmable conventional transformers	600 VA
Electronic transformers	600 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	70 x 90 x 65 mm
Width of rail mounted device (RMD)	4 modules

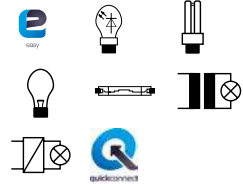
Do not connect conventional transformers together with electronic transformers.

- selection switch for manual/bus operation as well as load setting
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation also possible without bus e.g. on building site
- manual operation per channel using button (single-area operation)
- status LED integrated in manual operation button
- with illuminated programming button
- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- specification of the load type per channel possible using button on the device
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- bulb-preserving soft startup
- overheating protection, display using LEDs
- overload protection, display via LED
- large labelling field
- preset behaviour in the event of bus voltage failure/return
- very low noise
- short-circuit proof and overload proof (display per channel using LEDs)
- with integrated bus coupling unit
- bus connection via connecting terminal
- with QuickConnect plug-in terminals

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774
Design	Order no.	PU
light grey, 1gang easy, 600 W	8031 10 12	1



Universal dim actuator 2gang easy RMD 300 W



Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	per channel 60 W
Quantity of dimmable, 230 V LED lamps	max. 8
Dimmable energy-saving lamps	per channel 60 W
Quantity energy-saving lamps	max. 8
230 V incandescent lamps and halogen lamps	per channel 300 W
Dimmable conventional transformers	per channel 300 VA
Electronic transformers	per channel 300 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 modules

Do not connect conventional transformers together with electronic transformers.

- load coupling of 2 channels to increase output power using parallel connection of the outputs
- selection switch for manual/bus operation as well as load setting
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation also possible without bus e.g. on building site
- manual operation per channel using button (single-area operation)
- status LED integrated in manual operation button
- with illuminated programming button
- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- specification of the load type per channel possible using button on the device
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- bulb-preserving soft startup
- overheating protection, display using LEDs
- overload protection, display via LED
- suitable to switch different external conductors
- large labelling field
- preset behaviour in the event of bus voltage failure/return
- very low noise
- short-circuit proof and overload proof (display per channel using LEDs)
- with integrated bus coupling unit
- bus connection via connecting terminal
- for connection of higher loads outputs can be connected in parallel
- with QuickConnect plug-in terminals

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774
Order no.		PU
8031 21 13		1

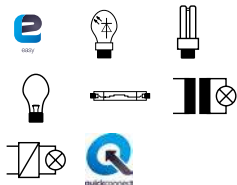
Design
light grey, 2gang easy, 2 x 300 W



Universal dim actuator 3gang easy RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	per channel 60 W
Quantity of dimmable, 230 V LED lamps	max. 8
Dimmable energy-saving lamps	per channel 60 W
Quantity energy-saving lamps	max. 8
230 V incandescent lamps and halogen lamps	per channel 300 W
Dimmable conventional transformers	per channel 300 VA
Electronic transformers	per channel 300 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	105 x 90 x 65 mm
Width of rail mounted device (RMD)	6 modules

- 1, 2 or 3-channel operation possible
- load coupling of 2 or 3 channels settable to increase output power using selection switch
- selection switch for manual/bus operation as well as load setting
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation also possible without bus e.g. on building site
- manual operation per channel using button (single-area operation)
- status LED integrated in manual operation button
- with illuminated programming button
- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- specification of the load type per channel possible using button on the device
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- bulb-preserving soft startup
- overheating protection, display using LEDs
- overload protection, display via LED
- large labelling field
- parameter definable behaviour in the event of bus voltage failure/return
- very low noise
- short-circuit proof and overload proof (display per channel using LEDs)
- with integrated bus coupling unit
- bus connection via connecting terminal
- with QuickConnect plug-in terminals



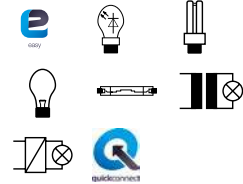
Do not connect conventional transformers together with electronic transformers.

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774
Design	Order no.	PU
light grey, 3gang easy, 3 x 300 W	8031 30 07	1



Universal dim actuator 4gang easy RMD 300 W

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	per channel 60 W
Quantity of dimmable, 230 V LED lamps	max. 8
Dimmable energy-saving lamps	per channel 60 W
Quantity energy-saving lamps	max. 8
230 V incandescent lamps and halogen lamps	per channel 300 W
Dimmable conventional transformers	per channel 300 VA
Electronic transformers	per channel 300 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	140 x 90 x 65 mm
Width of rail mounted device (RMD)	8 modules



- load coupling of 2, 3 or 4 channels to increase output power using parallel connection of the outputs
- selection switch for manual/bus operation as well as load setting
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation also possible without bus e.g. on building site
- manual operation per channel using button (single-area operation)
- status LED integrated in manual operation button
- with illuminated programming button
- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- specification of the load type per channel possible using button on the device
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- bulb-preserving soft startup
- overheating protection, display using LEDs
- overload protection, display via LED
- suitable to switch different external conductors
- large labelling field
- preset behaviour in the event of bus voltage failure/return
- very low noise
- short-circuit proof and overload proof (display per channel using LEDs)
- with integrated bus coupling unit
- bus connection via connecting terminal
- for connection of higher loads outputs can be connected in parallel
- with QuickConnect plug-in terminals

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774
Design	Order no.	PU
light grey, 4gang easy, 4 x 300 W	8031 41 24	1

Blind actuators easy RMD

- the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.



Blind actuator 4gang easy RMD 24 V DC

Operating voltage over bus	21 ... 32 V=
Switching current at 24 V=	max. 6 A
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	70 x 90 x 65 mm
Width of rail mounted device (RMD)	4 modules



Follow the motor manufacturers' instructions.

- for activation of a DC drive per actuator channel
- operating mode can be set for roller shutter/awning
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation)
- status LED integrated in manual operation button
- with illuminated programming button
- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- large labelling field
- with integrated bus coupling unit
- bus connection via connecting terminal
- with QuickConnect plug-in terminals
- Switching time on change of direction is preset

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
Electrical power supply 24 V DC RMD	7591 00 03	775
Design	Order no.	PU

Blind actuator channels for 4 DC drives

light grey	8031 41 11	1
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Blind actuator RMD 230 V AC

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 6 A
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²

Follow the motor manufacturers' instructions.

- for activation of an AC drive per actuator channel
- with manual operation button for up/down per channel
- operating mode can be set for roller shutter/awning
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation)
- status LED integrated in manual operation button
- with illuminated programming button
- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- large labelling field
- suitable to switch different external conductors
- with integrated bus coupling unit
- bus connection via connecting terminal
- with QuickConnect plug-in terminals
- Switching time on change of direction is preset

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774
Order no.		PU

Design

Blind actuator channels for 4 AC drives

light grey, 4gang easy ¹⁾	8031 41 19	1
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Blind actuator channels for 8 AC drives

light grey, 8gang easy ²⁾	8031 81 08	1
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¹⁾ Dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
²⁾ dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules



Blind actuator 12gang easy RMD 230 V

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 6 A
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	max. 0.5 ... 6 mm ²
Conductor cross-section (rigid)	max. 0.5...6 mm ²
Dimensions (W x H x D)	175 x 90 x 65 mm
Width of rail mounted device (RMD)	10 modules

Follow the motor manufacturers' instructions.

- for activation of an AC drive per actuator channel
- with manual operation button for up/down per channel
- operating mode can be set for roller shutter/awning
- selection switch for manual/bus operation and second operating level
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation, two operating levels)
- status LED integrated in manual operation button
- with illuminated programming button
- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- Switching time on change of direction is preset
- large labelling field
- suitable to switch different external conductors
- with integrated bus coupling unit
- bus connection via connecting terminal
- with screw terminals

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774
Order no.		PU

Design

Blind actuator channels for 12 AC drives

light grey, 12gang easy	8031 90 10	1
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HVAC actuators RMD

– the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.



KNX heating actuator, 6gang, Triac easy RMD, 24 V/230 V AC

Frequency	50/60 Hz	– for switching thermoelectric valve drives for heating systems or cooling ceilings
Operating voltage over bus	21 ... 32 V=	– with programming button and red programming LED
Auxiliary voltage	110 ... 230 V~	– with 6 red status LEDs and 3 red LEDs as manual actuation indication
Switching current	5 ... 160 mA	– blocking function can be activated per actuator output via manual operation buttons or bus
Power consumption, KNX	≈ 250 mW	– with valve protection function
Power consumption (operation)	1 W	– for individual single room temperature control
Power consumption (standby)	0.4 W	– control process PWM or 2-point (on/off) can be selected
Actuators per channel	max. 4	– type of actuator (currentless closed/open) adjustable
Actuators, 24 V	max. 2	– for valve drive 230 V or actuator drive 24 V
Operating temperature	-5 ... +45 °C	– 4 manual operation buttons for open/close per actuator or channel as well as all open/close
Conductor cross-section (flexible), without wire end sleeve	0.5 ... 4 mm ²	– various setpoint presettings for forced control or emergency mode in the event of bus failure adjustable for summer and winter time
Conductor cross-section (rigid)	0.5 ... 4 mm ²	– feedback via bus, e.g. in the event of overload, power or sensor failure
Dimensions (W x H x D)	72 x 90 x 65 mm	– short-circuit proof and overload proof (display using LEDs)
Width of rail mounted device (RMD)	4 modules	– bus connection via connecting terminal
Valve drives of the same operating voltage must be connected to all actuator channels.		– with screw terminals

Suitable for optional	Order no.	Page
Housing for heating actuator surface-mounted	8090 64 03	772
KNX Configuration server easy link RMD	8001 00 00	774

Design	Order no.	PU
Heating actuator, 6gang, Triac easy RMD, 24 V/230 V AC, light grey, 6gang Triac easy	★ 8031 63 03	1
Heating actuator 6gang Triac pro RMD with controller, 24 V/230 V AC, light grey, 6gang Triac easy, with controller	★ 8031 64 03	1



Housing for heating actuator surface-mounted

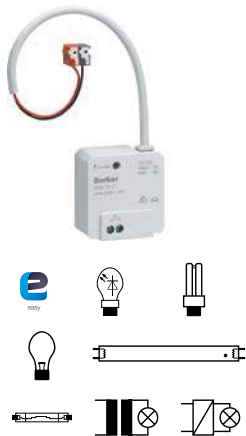
Operating temperature	-5 ... +45 °C	– for wall and ceiling mounting
NF EN 60760-24		– for installation in heating manifold
		– for 1 cable 3 x 2.5 mm ²
		– for 2 cables 2 x 2 x 0.8 mm ²
		– for 24 cables 2 x 0.5 mm ²
		– with push-out cable entries at bottom
		– with fitting material
		– with strain relief

Suitable for	Order no.	Page
KNX heating actuator, 6gang, Triac easy RMD, 24 V/230 V AC	8090 64 03	page 772

Design	Order no.	PU
polar white	★ 8090 64 03	1

Flush-mounted actuators easy

– the configuration server (order no.: 8001 00 00) or the commissioning tool (order no.: TXA100) is required for easy commissioning via KNX easy.



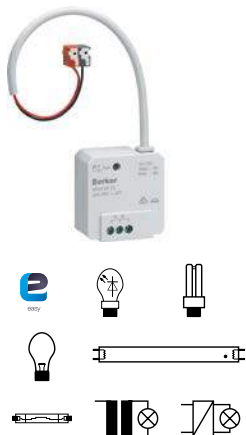
Switch actuator 1gang easy flush-mounted 10 A

Operating voltage over bus	21 ... 32 V=
max. switching capacity at	230 V~
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 10 A
Current consumption KNX	typ. 7 mA
230 V LED lamps	5 x 15 W
Energy-saving lamps	5 x 15 W
230 V incandescent lamps	600 W
230 V halogen lamps	600 W
Conventional transformers	600 VA
Electronic transformers	600 W
Fluorescent lamps:	
- with electronical ballast (EB)	6 x 58 W
Compact fluorescent lamps	600 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	44 x 22.5 x 43 mm

- status LED integrated into the manual operation button
- with illuminated programming button/button for manual operation
- with potential-free normally-open contact
- pre-assembled, with cables
- installation in flush-mounted or splash-protected junction box
- with integrated bus coupling unit
- bus connection via pre-assembled cable with bus connection terminal
- with screw terminals

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774

Design	Order no.	PU
light grey, 1gang easy	8034 10 11	1



Switch actuator/blind actuator 2/1gang easy + binary input 2gang flush-mounted 6 A

Operating voltage over bus	21 ... 32 V=
max. switching capacity at	230 V~
Frequency	50/60 Hz
Bus current consumption (data transfer)	≈ 7 mA
230 V LED lamps	5 x 13 W
Energy-saving lamps	5 x 13 W
230 V incandescent lamps	500 W
230 V halogen lamps	500 W
Conventional transformers	500 VA
Electronic transformers	500 W
Fluorescent lamps:	
- uncompensated	500 VA
- with electronical ballast (EB)	6 x 48 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	44 x 22.5 x 43 mm

- for switching of two independent loads or activation of a blind drive per
- with positioning function for shutter and blade position
- status LED integrated into the manual operation button
- with illuminated programming button
- Switching time on change of direction is preset
- with potential-free normally-open contact
- pre-assembled, with cables
- installation in flush-mounted or splash-protected junction box
- with integrated bus coupling unit
- bus connection via pre-assembled cable with bus connection terminal
- with screw terminals

Suitable for optional	Order no.	Page
KNX Configuration server easy link RMD	8001 00 00	774

Follow the motor manufacturers' instructions.

Design	Order no.	PU
2 switch actuator channels/1 blind actuator channel for AC drive		
light grey, 2/1gang easy	8034 20 12	1



Switch actuator/blind actuator 2/1gang easy + binary input 2gang flush-mounted 6 A

Operating voltage over bus	21 ... 32 V~	– 2 binary inputs and 2 switching outputs or 1 blind input parameterisable
max. switching capacity at	230 V~	– any combined operation from binary input and drive or switching functions possible
Frequency	50/60 Hz	– binary input functions: Switching, dimming, blind, scene, forced control and timer operation
Bus current consumption (data transfer)	≈ 7 mA	– with positioning function for shutter and blade position
230 V LED lamps	5 x 13 W	– status LED integrated into the manual operation button
Energy-saving lamps	5 x 13 W	– with illuminated programming button
230 V incandescent lamps	500 W	– Switching time on change of direction is preset
230 V halogen lamps	500 W	– with potential-free normally-open contact
Conventional transformers	500 VA	– pre-assembled, with cables
Electronic transformers	500 W	– installation in flush-mounted or splash-protected junction box
Fluorescent lamps:		– with integrated bus coupling unit
- uncompensated	500 VA	– bus connection via pre-assembled cable with bus connection terminal
- with electrical ballast (EB)	6 x 48 W	– with screw terminals
Operating temperature	-5 ... +45 °C	
Binary cable length, extendable to	max. 9.9 m	
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²	
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²	
Dimensions (W x H x D)	44 x 22.5 x 43 mm	

Follow the motor manufacturers' instructions.

Design	Order no.	Page
2 switch actuator channels/1 blind actuator channel for AC drive		
light grey, 2/1gang easy with 2 binary inputs	8034 10 12	1

System units

System tools easy



KNX Configuration server easy link RMD

Operating voltage over bus	21 ... 32 V=	– configuration tool for commissioning of KNX installations in easy mode
Auxiliary voltage	24 V=	– selection switch for online/offline mode
Transmission rate Ethernet	max. 2 x 100/1000 Mbit/s	– with green and red status LED for LAN status, operational stand-by, KNX status and gateway connection
Operating temperature	+0 ... +45 °C	– power supply via PoE or 24 V DC
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²	– 2 RJ45 Ports for LAN connection
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²	– with 2 USB jacks type B, USB 2.0 compliant
Dimensions (W x H x D)	105 x 89.8 x 60 mm	– large labelling field
Width of rail mounted device (RMD)	6 modules	– with integrated bus coupling unit
		– bus connection via connecting terminal
		– with QuickConnect plug-in terminals

Network technology skills are required for commissioning.

System requirements: Windows 8.1, Android 4.4, iOS 8.

Suitable for	Order no.	Page
Operating systems		page 740
Sensors		page 757
Actuators		page 763
Electrical power supply 24 V DC RMD	7591 00 03	775
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775

Design	Order no.	Page
light grey	8001 00 00	1

Power supplies



KNX Power supply 320 mA RMD

Operating voltage	230 V~	– with green LED for display of power supply
Frequency	50/60 Hz	– with red LED for display of short-circuit and overload protection
Output voltage	28 ... 32 V=	– one output 30 V DC, 320 mA incl. choke
Output current	max. 320 mA	– with electronic short-circuit and overload protection
Operating temperature	-5 ... +45 °C	– protected earth conductor must be connected
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²	– with QuickConnect plug-in terminals
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²	
Dimensions (W x H x D)	70 x 89.8 x 60 mm	
Width of rail mounted device (RMD)	4 modules	

Design	Order no.	Page
light grey	7501 00 17	1



KNX Power supply 640 mA RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	28 ... 32 V=
Output current	max. 640 mA
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	70 x 89.8 x 60 mm
Width of rail mounted device (RMD)	4 modules

- with green LED for display of power supply
- with red LED for display of short-circuit and overload protection
- one output 640 mA incl. choke
- with electronic short-circuit and overload protection
- protected earth conductor must be connected
- with QuickConnect plug-in terminals

Design	Order no.	PU
light grey	7501 00 18	1



KNX Power supply 2 x 320 mA RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	28 ... 32 V=
Output current	max. 640 mA
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	70 x 89.8 x 60 mm
Width of rail mounted device (RMD)	4 modules

- with green LED for display of power supply per output
- with red LED for display of short-circuit and overload protection per output
- with 2 outputs incl. choke per output
- with electronic short-circuit and overload protection
- protected earth conductor must be connected
- with QuickConnect plug-in terminals

Design	Order no.	PU
light grey	7501 00 19	1



KNX power supply 320 mA + 24 V DC, 640 mA RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	28 ... 32 V=
Output current	max. 320 mA
Operating temperature	-5 ... +45 °C
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	70 x 89.8 x 60 mm
Width of rail mounted device (RMD)	4 modules

- with green LED for display of power supply per output
- with red LED for display of short-circuit and overload protection per output
- one output 30 V DC, 320 mA incl. choke
- one output 24 V, 640 mA
- with electronic short-circuit and overload protection
- protected earth conductor must be connected
- with QuickConnect plug-in terminals

Suitable for	Order no.	Page
Touch Panel		page 752
Berker domovea Server RMD	7571 00 05	756
KNX weather station with GPS surface-mounted	8049 00 02	760
Blind actuator 4gang easy RMD 24 V DC	8031 41 11	770
KNX room controller	8066 01 00	751
IP router RMD	7501 00 16	863
KNX Configuration server easy link RMD	8001 00 00	774
KNX thermostat	8044 01 00	750

Design	Order no.	PU
light grey	7501 00 20	1



Electrical power supply 24 V DC RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	24 V=
Output current	max. 1 A
Current consumption	< 150 mA
Power consumption	36 W
Operating temperature	+0 ... +45 °C
Dimensions (W x H x D)	70 x 89.8 x 60 mm
Width of rail mounted device (RMD)	4 modules

- with plug-in terminals

Suitable for	Order no.	Page
Touch Panel		page 752
Berker domovea Server RMD	7571 00 05	756
KNX weather station with GPS surface-mounted	8049 00 02	760
Blind actuator 4gang easy RMD 24 V DC	8031 41 11	770
IP router RMD	7501 00 16	863
KNX room controller	8066 01 00	751
KNX thermostat	8044 01 00	750
KNX Configuration server easy link RMD	8001 00 00	774

Design	Order no.	PU
light grey matt	7591 00 03	1

Accessories

Comb busbar 6 mm², 8 modules



Rated voltage
Rated current

230 V~
16 A

Suitable for

End cap for comb busbar
Switch actuator/blind actuator 16/8gang easy
RMD for C load, 16 A

Order no.
8090 90 00
8031 90 04

Page
776
765

Design
light grey

Order no.
8090 90 04

PU
5

Comb busbar 6 mm², 10 modules



Rated voltage
Rated current

230 V~
16 A

Suitable for

End cap for comb busbar
Switch actuator/blind actuator 20/10gang
easy RMD for C load, 16 A

Order no.
8090 90 00
8031 90 05

Page
776
765

Design
light grey

Order no.
8090 90 05

PU
5

End cap for comb busbar



Suitable for

Comb busbar 6 mm², 8 modules
Comb busbar 6 mm², 10 modules

Order no.
8090 90 04
8090 90 05

Page
776
776

Design
light grey

Order no.
8090 90 00

PU
10

Connecting terminal



Operating temperature
Conductor Ø
Number of conductors
Dimensions (L x W x H)

-5 ... +45 °C
0.6 ... 0.8 mm
2 x 4
10.2 x 11.5 x 10 mm

– 2pole
– for the bus connection of the units
– polarization red + black -
– can be used as branch terminal
– with plug-in terminals

Design
red/black

Order no.
7500 00 05

PU
50

KNX ETS

ETS (Engineering Tool Software) designates the standardised software that is used to configure a KNX system for building automation. The bus system with its actuators and sensors permits a wide variety of applications – lighting and roller shutter/blind control, single-room temperature control and much more. Functions are managed and operated with a KNX control system. Extremely convenient: a visualisation solution with touch display and control via KNX radio or the Internet.



Operating systems	782
Sensors	826
Actuators	839
System units	861

Extend as desired with KNX

Some providers of smart home solutions offer proprietary, i.e. closed, systems. Berker, on the other hand, uses the established KNX standard. This means our systems speak the same “language”, and by allowing the IoT Controller to include other devices from the Internet of Things, you can guarantee your customers a system that will work well into the future.

quicklink

The renovation solution. Our wireless alternative for smart building control systems. There is no need to lay costly control lines, and system launch is easy because no programming tools are required.

easy

For new construction work and extensive renovation. With easy, a KNX system can be configured simply, quickly and intuitively. An easy configuration server, a tablet and the easy app are all you need. Each configuration can be expanded with quicklink wireless solutions.

ETS

ETS is the standardised software that is perfectly suited to large building automation systems. With ETS, users can install numerous expanded functions that are ideal for high-end solutions for residential, commercial and administrative buildings.



Berker offers a compatible range of **KNX systems** for a variety of applications.

IoT (Internet of Things)



quicklink



easy



ETS

KNX[®] Standard

KNX
ETS



coviva*

Retrofit smart wireless technology. The ideal smart home solution for refurbishing and renovations.



domovea

Smart visualisation, intuitive control – now simpler than ever. domovea is the smart home solution for connected building control systems.

* coviva Smartbox is only compatible with quicklink installations.

Operating systems

Berker S.1 | B.3 | B.7, Q.1 | Q.3 | Q.7, K.1 | K.5 - Push-buttons

- operating surfaces as buttons (single-surface operation) and rockers (two-surface operation)
- with 2 RGB status LEDs per rocker
- status LED configurable in its colour per button
- brightness value of status LEDs are individually adjustable for button/rocker function
- brightness value of the status LEDs for day/nighttime operation adjustable via object or manually
- with white operating LED, can be activated
- push-button/rocker functions for switching, dimming, roller shutter/blind, value transmitter 1/2 byte, room thermostat extension unit, priority, scene, 2-channel mode, automatic control deactivation
- additional push-button functions for timer and step switch
- setting of 1 ... 64 scenes possible
- 3-step switch, function for incremental selection of up to 7 stored values
- integrated temperature sensor with output of the measured values via object
- function for manual interruption of automatic functions already triggered
- parameter defineable lock function
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- for bus coupling unit flush-mounted
- with anti-dismantling protection



Bus coupling unit flush-mounted

- external temperature sensor connection



Operating voltage over bus
Operating temperature
Installation depth

21 ... 32 V=
-5 ... +45 °C
32 mm

- additional connection for external temperature sensor
- with integrated buzzer for acoustic identification of the device within the system
- with programming button and red programming LED
- bus connection via connecting terminal
- with dust protection flap for user interface (AST)
- with spreader claws

Design

Individual unit

Suitable for
optional
Temperature sensor

Order no.

8004 00 01

Order no.

Page

page 833

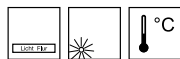
PU

1



Push-button 1 gang

- labelling field
- RGB LED
- internal temperature sensor



Current consumption KNX
Operating temperature

typ. 20 mA
-5 ... +45 °C

Suitable for
Bus coupling unit flush-mounted

Order no.

Page
page 782

Use only in conjunction with bus coupling unit flush-mounted
(order no. : 8004 00 x1)!

Design

Berker S.1 | B.3 | B.7

for white and polar white ¹⁾

for anthracite and aluminium ¹⁾

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety ²⁾

polar white ²⁾

anthracite ²⁾

aluminium ²⁾

Berker K.1 | K.5

polar white ³⁾

anthracite ³⁾

aluminium ³⁾

stainless steel ³⁾

Order no.

8016 17 80

8016 17 85

8014 13 22

8014 13 29

8014 13 26

8014 13 21

8016 17 70

8016 17 76

8016 17 74

8016 17 73

PU

1

1

1

1

1

1

1

1

1

1

¹⁾ labelling field length (W x H): 52.3 x 52.3 mm

²⁾ Dimensions (W x H): 56.4 x 56.4 mm

³⁾ labelling field length (W x H): 66.8 x 52.8 mm

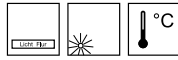


Push-button 2gang

- labelling fields
- RGB LED
- internal temperature sensor

Suitable for
Bus coupling unit flush-mounted

Order no. **Page**
page 782



Current consumption KNX typ. 20 mA
Operating temperature -5 ... +45 °C

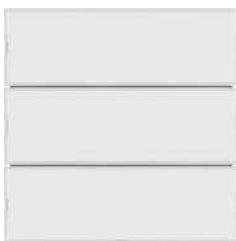
Use only in conjunction with bus coupling unit flush-mounted
(order no. : 8004 00 x1)!

Design	Order no.	PU
Berker S.1 B.3 B.7		
for white and polar white ¹⁾	8016 27 80	1
for anthracite and aluminium ¹⁾	8016 27 85	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety ²⁾	8014 23 22	1
polar white ²⁾	8014 23 29	1
anthracite ²⁾	8014 23 26	1
aluminium ²⁾	8014 23 21	1
Berker K.1 K.5		
polar white ³⁾	8016 27 70	1
anthracite ³⁾	8016 27 76	1
aluminium ³⁾	8016 27 74	1
stainless steel ³⁾	8016 27 73	1

¹⁾ labelling field length (W x H): 52.3 x 24.9 mm

²⁾ Dimensions (W x H): 56.4 x 26.8 mm

³⁾ labelling field length (W x H): 66.8 x 25 mm



Push-button 3gang

- labelling fields
- RGB LED
- internal temperature sensor

Suitable for
Bus coupling unit flush-mounted

Order no. **Page**
page 782



Current consumption KNX typ. 20 mA
Operating temperature -5 ... +45 °C

Use only in conjunction with bus coupling unit flush-mounted
(order no. : 8004 00 x1)!

Design	Order no.	PU
Berker S.1 B.3 B.7		
for white and polar white ¹⁾	8016 37 80	1
for anthracite and aluminium ¹⁾	8016 37 85	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety ²⁾	8014 33 22	1
polar white ²⁾	8014 33 29	1
anthracite ²⁾	8014 33 26	1
aluminium ²⁾	8014 33 21	1
Berker K.1 K.5		
polar white ³⁾	8016 37 70	1
anthracite ³⁾	8016 37 76	1
aluminium ³⁾	8016 37 74	1
stainless steel ³⁾	8016 37 73	1

¹⁾ labelling field length (W x H): 52.3 x 15.6 mm

²⁾ Dimensions (W x H): 56.4 x 17 mm

³⁾ labelling field length (W x H): 66.8 x 15.7 mm



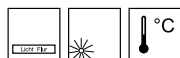
Push-button 4gang

- labelling fields
- RGB LED
- internal temperature sensor

Suitable for
Bus coupling unit flush-mounted

Order no.

Page
page 782



Current consumption KNX typ. 20 mA
Operating temperature -5 ... +45 °C

Use only in conjunction with bus coupling unit flush-mounted
(order no. : 8004 00 x1)!

Design	Order no.	PU
Berker S.1 B.3 B.7 for white and polar white ¹⁾	8016 47 80	1
for anthracite and aluminium ¹⁾	8016 47 85	1
Berker Q.1 Q.3 Q.7 Q.9 white velvety ²⁾	8014 43 22	1
polar white ²⁾	8014 43 29	1
anthracite ²⁾	8014 43 26	1
aluminium ²⁾	8014 43 21	1
Berker K.1 K.5 polar white ³⁾	8016 47 70	1
anthracite ³⁾	8016 47 76	1
aluminium ³⁾	8016 47 74	1
stainless steel ³⁾	8016 47 73	1

¹⁾labelling field length (W x H): 52.3 x 24.9 mm

²⁾Dimensions (W x H): 56.4 x 12 mm

³⁾labelling field length (W x H): 66.8 x 25 mm

Berker S.1 | B.3 | B.7, K.1 | K.5 - push-buttons with thermostat

- end customer display scope parameterisable
- presence button parameterisable to extend comfort
- separate object for window contact
- with button blocking function
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- programmable from ETS2, V1.2a
- for bus coupling unit flush-mounted, order no. 7504 00 01
- for switch, push-button, dimmer, blind and thermostat functions
- single and two push-button operation parameterisable
- one push-button operation for switching, buttons, blinds and dimming
- extension unit for light scene push-button
- for individual single room temperature control
- for heating and/or cooling mode with/without auxiliary step
- controller operating modes: comfort, standby, night and frost/heat protection mode
- LC display with symbol display
- with 2 additional function buttons for display control
- display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- temperature measurement via internal and/or external temperature sensor with mean value formation
- with room temperature timer
- for installation in single standard wall boxes
- for continuous (PI) or switched (2-point) control of max. 2 control circuits
- with dismantling protection



Bus coupling unit flush-mounted

Operating voltage over bus	21 ... 32 V=	- as interface between KNX user module and bus line		
Power consumption, KNX	≈ 100 mW	- bus connection via connecting terminal		
Operating temperature	-5 ... +45 °C	- without spreader claws		
Installation depth	23 mm			
		Suitable for optional	Order no.	Page
		Blind plug for bus coupling unit	7594 02 ..	866
Design		Order no.		PU
Bus coupling unit flush-mounted		7504 00 01		1



Push-button 2gang with thermostat

- labelling fields
- display



Power consumption typ. 150 mW
 Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C

- with white operation LED and 4 red status LEDs

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	784

Design Order no. PU

Berker S.1 | B.3 | B.7

for white and polar white ¹⁾	7566 27 80	1
for anthracite and aluminium ¹⁾	7566 27 85	1

Berker K.1 | K.5

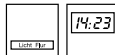
polar white ²⁾	7566 27 70	1
anthracite ²⁾	7566 27 75	1
aluminium ²⁾	7566 27 74	1
stainless steel ²⁾	7566 27 73	1

¹⁾labelling field length (W x H): 52.3 x 15.6 mm
²⁾labelling field length (W x H): 66.8 x 15.7 mm



Push-button 3gang with thermostat

- labelling fields
- display



Power consumption typ. 150 mW
 Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C

- with white operation LED and 6 red status LEDs

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	784

Design Order no. PU

Berker S.1 | B.3 | B.7

for white and polar white ¹⁾	7566 37 80	1
for anthracite and aluminium ¹⁾	7566 37 85	1

Berker K.1 | K.5

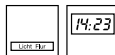
polar white ²⁾	7566 37 70	1
anthracite ²⁾	7566 37 75	1
aluminium ²⁾	7566 37 74	1
stainless steel ²⁾	7566 37 73	1

¹⁾labelling field length (W x H): 52.3 x 24.9 mm
²⁾labelling field length (W x H): 66.8 x 25 mm



Push-button 5gang with thermostat

- labelling fields
- display



Power consumption typ. 150 mW
 Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C

- with white operation LED and 10 red status LEDs

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	784

Design Order no. PU

Berker S.1 | B.3 | B.7

for white and polar white ¹⁾	7566 57 80	1
for anthracite and aluminium ¹⁾	7566 57 85	1

Berker K.1 | K.5

polar white ²⁾	7566 57 70	1
anthracite ²⁾	7566 57 75	1
aluminium ²⁾	7566 57 74	1
stainless steel ²⁾	7566 57 73	1

¹⁾labelling field length (W x H): 52.3 x 15.6 mm
²⁾labelling field length (W x H): 66.8 x 15.7 mm



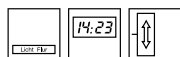
Berker Q.1 | Q.3 | Q.7 | Q.9 - push-buttons with thermostat and bus coupling unit

- end customer display scope parameterisable
- presence button parameterisable to extend comfort
- separate object for window contact
- with button blocking function
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- programmable from ETS2, V1.2a
- for switch, push-button, dimmer, blind and thermostat functions
- single and two push-button operation parameterisable
- one push-button operation for switching, buttons, blinds and dimming
- extension unit for light scene push-button
- retrieval, setting and storing of 8 light scenes
- for individual single room temperature control
- for heating and/or cooling mode with/without auxiliary step
- controller operating modes: comfort, standby, night and frost/heat protection mode
- LC display with symbol display
- with 2 additional function buttons for display control
- display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- temperature measurement via internal and/or external temperature sensor with mean value formation
- with room temperature timer
- for installation in single standard wall boxes
- for continuous (PI) or switched (2-point) control of max. 2 control circuits
- with dismantling protection



Push-button 2gang with thermostat

- labelling fields
- display
- integrated bus coupling unit



Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C
 Labelling field length (W x H) 56.4 x 17 mm
 Power consumption typ. 150 mW

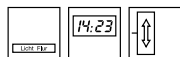
- with white operation LED and 4 amber status LEDs

Design	Order no.	PU
Berker Q.1 Q.3 Q.7 Q.9		
white	7566 27 22	1
polar white	7566 27 29	1
anthracite	7566 27 26	1
aluminium	7566 27 24	1



Push-button 3gang with thermostat

- labelling fields
- display
- integrated bus coupling unit



Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C
 Labelling field length (W x H) 56.4 x 26.8 mm
 Power consumption typ. 150 mW

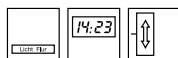
- with white operation LED and 6 amber status LEDs

Design	Order no.	PU
Berker Q.1 Q.3 Q.7 Q.9		
white	7566 37 22	1
polar white	7566 37 29	1
anthracite	7566 37 26	1
aluminium	7566 37 24	1



Push-button 5gang with thermostat

- labelling fields
- display
- integrated bus coupling unit



Energy efficiency class	IV (2%)
Operating temperature	-5 ... +45 °C
Labelling field length (W x H)	56.4 x 17 mm
Power consumption	typ. 150 mW

- with white operation LED and 10 amber status LEDs

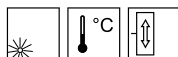
Design	Order no.	PU
Berker Q.1 Q.3 Q.7 Q.9		
white	7566 57 22	1
polar white	7566 57 29	1
anthracite	7566 57 26	1
aluminium	7566 57 24	1

Push-button modules



Push-button module 1gang

- RGB LED
- internal temperature sensor
- integrated bus coupling unit



Operating voltage over bus	21 ... 32 V=
Current consumption KNX	typ. 10 mA
Operating temperature	-5 ... +45 °C
Installation depth	32 mm

- with one RGB status LED configurable in brightness and colour
- brightness of status LEDs are individually adjustable for button/ rocker function
- brightness value of the status LEDs for day/nighttime operation adjustable via object or manually
- operating surfaces as buttons (single-surface operation) and rockers (two-surface operation)
- button/rocker functions for switching, dimming, roller shutter/blind, value transmitter 1/2 byte, room thermostat extension unit, priority, scene, automatic control deactivation
- value transmitter for dimming, position, brightness temperature values 1 and 2 byte
- function for manual interruption of automatic functions already triggered
- integrated temperature sensor with output of the measured values via object
- with integrated buzzer for acoustic identification of the device within the system
- with programming button and red programming LED
- with integrated bus coupling unit
- bus connection via connecting terminal
- with anti-dismantling protection

Design	Order no.	PU
Berker S.1 B.3 B.7		
Push-button module 1gang	8014 11 80	1
Berker Q.1 Q.3 Q.7 Q.9, K.1 K.5		
Push-button module 1gang	8014 11 70	1



Cover for 1gang for push-button module

- clear lens



- with clear lens for RGB status display of the push-button module

Design	Order no.	Page
Berker S.1 B.3 B.7		
white glossy	8096 02 82	1
polar white glossy	8096 02 89	1
polar white, matt, plastic	8096 02 99	1
anthracite, matt	8096 02 85	1
aluminium, matt, lacquered	8096 02 83	1

Suitable for	Order no.	Page
Push-button module 1gang	8014 11 ..	743

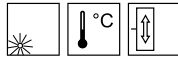
Order no.	PU
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	Berker Q.1 Q.3 Q.7 Q.9			
	white velvety	8096 02 22	1	
	polar white velvety	8096 02 29	1	
	anthracite velvety, lacquered	8096 02 26	1	
	aluminium velvety, lacquered	8096 02 21	1	
	Berker K.1 K.5			
	polar white glossy	8096 02 79	1	
	anthracite, matt	8096 02 75	1	
	aluminium, matt, lacquered	8096 02 71	1	
	stainless steel matt, lacquered	8096 02 73	1	
	Cover with imprint "0 - 1" for push-button module 1gang			
	- clear lens	- with clear lens for RGB status display of the push-button module		
		Suitable for Push-button module 1gang	Order no. 8014 11 ..	Page 743
	Design	Order no.	PU	
	Berker S.1 B.3 B.7			
	white glossy	8096 22 82	1	
	polar white glossy	8096 22 89	1	
	polar white matt	8096 22 99	1	
	anthracite matt	8096 22 85	1	
	aluminium matt, lacquered	8096 22 83	1	
	Berker Q.1 Q.3 Q.7 Q.9			
	white velvety, lacquered	8096 22 22	1	
	polar white velvety, lacquered	8096 22 29	1	
	anthracite velvety, lacquered	8096 22 26	1	
	aluminium velvety, lacquered	8096 22 21	1	
	Berker K.1 K.5			
	polar white glossy	8096 22 79	1	
	anthracite matt	8096 22 75	1	
	aluminium matt, lacquered	8096 22 71	1	
	stainless steel matt, lacquered	8096 22 73	1	
	Cover with imprinted symbol arrows for for push-button module 1gang			
	- clear lens	- with clear lens for RGB status display of the push-button module		
		Suitable for Push-button module 1gang	Order no. 8014 11 ..	Page 743
	Design	Order no.	PU	
	Berker S.1 B.3 B.7			
	white glossy	8096 12 82	1	
	polar white glossy	8096 12 89	1	
	polar white matt	8096 12 99	1	
	anthracite matt	8096 12 85	1	
	aluminium matt, lacquered	8096 12 83	1	
	Berker Q.1 Q.3 Q.7 Q.9			
	white velvety, lacquered	8096 12 22	1	
	polar white velvety, lacquered	8096 12 29	1	
	anthracite velvety, lacquered	8096 12 26	1	
	aluminium velvety, lacquered	8096 12 21	1	
	Berker K.1 K.5			
	polar white glossy	8096 12 79	1	
	anthracite matt	8096 12 75	1	
	aluminium matt, lacquered	8096 12 71	1	
	stainless steel matt, lacquered	8096 12 73	1	



Push-button module 2gang

- RGB LED
- internal temperature sensor
- integrated bus coupling unit



Operating voltage over bus
Current consumption KNX
Operating temperature
Installation depth

21 ... 32 V=
typ. 10 mA
-5 ... +45 °C
32 mm

- with two RGB status LEDs configurable in brightness and colour
- brightness of status LEDs are individually adjustable for button/ rocker function
- brightness value of the status LEDs for day/nighttime operation adjustable via object or manually
- operating surfaces as buttons (single-surface operation) and rockers (two-surface operation)
- button/rocker functions for switching, dimming, roller shutter/blind, value transmitter 1/2 byte, room thermostat extension unit, priority, scene, automatic control deactivation
- value transmitter for dimming, position, brightness temperature values 1 and 2 byte
- function for manual interruption of automatic functions already triggered
- integrated temperature sensor with output of the measured values via object
- with integrated buzzer for acoustic identification of the device within the system
- with programming button and red programming LED
- with integrated bus coupling unit
- bus connection via connecting terminal
- with anti-dismantling protection

Design

Berker S.1 | B.3 | B.7

Push-button module 2gang

Order no.

8014 21 80

PU

1

Berker Q.1 | Q.3 | Q.7 | Q.9, K.1 | K.5

Push-button module 2gang

8014 21 70

1



Cover for 2gang for push-button module

- clear lenses



- with 2 clear lenses for the RGB status display of the push-button module

Suitable for
Push-button module 2gang

Order no.
8014 21 ..

Page
745

Design

Berker S.1 | B.3 | B.7

white glossy

8096 03 82

1

polar white glossy

8096 03 89

1

polar white, matt, plastic

8096 03 99

1

anthracite, matt

8096 03 85

1

aluminium, matt, lacquered

8096 03 83

1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety

8096 03 22

1

polar white velvety

8096 03 29

1

anthracite velvety, lacquered

8096 03 26

1

aluminium velvety, lacquered

8096 03 21

1

Berker K.1 | K.5

polar white glossy

8096 03 79

1

anthracite, matt

8096 03 75

1

aluminium, matt, lacquered

8096 03 71

1

stainless steel matt, lacquered

8096 03 73

1





Cover with imprint "0 - 1" for push-button module 2gang

- clear lenses



- with 2 clear lenses for the RGB status display of the push-button module

Design

Berker S.1 | B.3 | B.7

	Order no.	Page
white glossy	8096 23 82	1
polar white glossy	8096 23 89	1
polar white matt	8096 23 99	1
anthracite matt	8096 23 85	1
aluminium matt, lacquered	8096 23 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

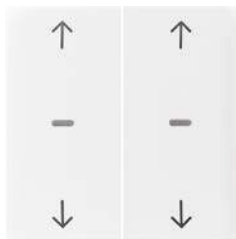
white velvety, lacquered	8096 23 22	1
polar white velvety, lacquered	8096 23 29	1
anthracite velvety, lacquered	8096 23 26	1
aluminium velvety, lacquered	8096 23 21	1

Berker K.1 | K.5

polar white glossy	8096 23 79	1
anthracite matt	8096 23 75	1
aluminium matt, lacquered	8096 23 71	1
stainless steel matt, lacquered	8096 23 73	1



Suitable for	Order no.	Page
Push-button module 2gang	8014 21 ..	745
Order no.		PU



Cover with imprinted symbol arrows for for push-button module 2gang

- clear lenses



- with 2 clear lenses for the RGB status display of the push-button module

Design

Berker S.1 | B.3 | B.7

	Order no.	Page
white glossy	8096 13 82	1
polar white glossy	8096 13 89	1
polar white matt	8096 13 99	1
anthracite matt	8096 13 85	1
aluminium matt, lacquered	8096 13 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety, lacquered	8096 13 22	1
polar white velvety, lacquered	8096 13 29	1
anthracite velvety, lacquered	8096 13 26	1
aluminium velvety, lacquered	8096 13 21	1

Berker K.1 | K.5

polar white glossy	8096 13 79	1
anthracite matt	8096 13 75	1
aluminium matt, lacquered	8096 13 71	1
stainless steel matt, lacquered	8096 13 73	1



Suitable for	Order no.	Page
Push-button module 2gang	8014 21 ..	745
Order no.		PU

Berker arsys - push-buttons

- for switch, push-button, dimmer and shutter functions
- single and two push-button operation parameterisable
- one push-button operation for switching, buttons, blinds and dimming
- second user level via object
- extension unit for light scene push-button
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- with dismantling protection
- for bus coupling unit flush-mounted, order no. 7504 00 01



Bus coupling unit flush-mounted

- | | | |
|----------------------------|---------------|---|
| Operating temperature | -5 ... +45 °C | - with programming button and red programming LED |
| Operating voltage over bus | 21 ... 32 V= | - bus connection via connecting terminal |
| Installation depth | 23 mm | - without spreader claws |
| Power consumption, KNX | ≈ 100 mW | - as interface between KNX user module and bus line |

	Suitable for optional	Order no.	Page
Blind plug for bus coupling unit		7594 02 ..	866
Design	Order no.		PU
Bus coupling unit flush-mounted		7504 00 01	1



Push-button 1gang comfort

- labelling field
- vertical operation
- with green operation LED and 2 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte



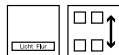
Operating temperature	-5 ... +45 °C	Suitable for	Order no.	Page
		Bus coupling unit flush-mounted		page 791

Design	Order no.	PU
Berker arsys		
white glossy	× 7516 16 42	1
polar white glossy	× 7516 16 49	1
light bronze matt, lacquered	× 7516 16 44	1
stainless steel matt, lacquered	× 7516 16 43	1



Push-button 2gang comfort

- labelling field
- vertical operation
- with green operation LED and 4 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte



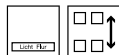
Operating temperature	-5 ... +45 °C	Suitable for	Order no.	Page
		Bus coupling unit flush-mounted		page 791

Design	Order no.	PU
Berker arsys		
white glossy	× 7516 26 42	1
polar white glossy	× 7516 26 49	1
light bronze matt, lacquered	× 7516 26 44	1
stainless steel matt, lacquered	× 7516 26 43	1



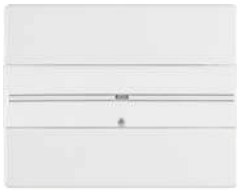
Push-button 4gang comfort

- labelling field
- vertical operation
- with green operation LED and 8 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte



Operating temperature	-5 ... +45 °C	Suitable for	Order no.	Page
		Bus coupling unit flush-mounted		page 791

Design	Order no.	PU
Berker arsys		
white glossy	× 7516 46 42	1
polar white glossy	× 7516 46 49	1
light bronze matt, lacquered	× 7516 46 44	1
stainless steel matt, lacquered	× 7516 46 43	1



Push-button 1gang

- labelling field
- vertical operation



Operating temperature

-5 ... +45 °C

- with green operation LED and red status LED

Suitable for
Bus coupling unit flush-mounted

Order no.

Page
page 791

Design

Order no.

PU

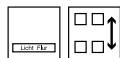
Berker arsys

white glossy	×	7516 10 42	1
polar white glossy	×	7516 10 49	1
light bronze matt, lacquered	×	7516 10 44	1
stainless steel matt, lacquered	×	7516 10 43	1



Push-button 2gang

- labelling field
- vertical operation



Operating temperature

-5 ... +45 °C

- with green operation LED and 2 red status LEDs

Suitable for
Bus coupling unit flush-mounted

Order no.

Page
page 791

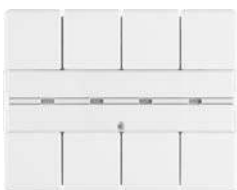
Design

Order no.

PU

Berker arsys

white glossy	×	7516 20 42	1
polar white glossy	×	7516 20 49	1
light bronze matt, lacquered	×	7516 20 44	1
stainless steel matt, lacquered	×	7516 20 43	1



Push-button 4gang

- labelling field
- vertical operation



Operating temperature

-5 ... +45 °C

- with green operation LED and 4 red status LEDs

Suitable for
Bus coupling unit flush-mounted

Order no.

Page
page 791

Design

Order no.

PU

Berker arsys

white glossy	×	7516 40 42	1
polar white glossy	×	7516 40 49	1
light bronze matt, lacquered	×	7516 40 44	1
stainless steel matt, lacquered	×	7516 40 43	1

Push-button modules IP55

- operating surfaces as buttons (single-surface operation) and rockers (two-surface operation)
- brightness value of status LEDs are individually adjustable for button/rocker function
- brightness value of the status LED configurable for day/nighttime operation
- brightness value of the status LEDs for day/nighttime operation adjustable via object or manually
- with red programming LED and red status LED
- push-button/rocker functions for switching, dimming, roller shutter/blind, value transmitter 1/2 byte, room thermostat extension unit, priority, scene, automatic control deactivation
- function for manual interruption of automatic functions already triggered
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- with integrated bus coupling unit
- bus connection via connecting terminal
- for catch fixing
- for surface-mounted housings or frames for flush-mounted
- Inserts will only reach the degree of protection IP55 if mounted with a housing surface mounted or frame for flush-mounted installation of the Berker W.1 product line



Push-button module 1gang surface-mounted/flush-mounted

- integrated bus coupling unit



Operating voltage over bus 21 ... 32 V=
 Current consumption KNX typ. 10 mA
 Power consumption, KNX ≈ 108 mW
 Operating temperature -40 ... +30 °C

Degree of protection IP55 by installation into W.1 surface-mounted/flush-mounted housings and mounted rocker

Design

Berker W.1

light grey/grey glossy/matt

Suitable for

Frame for flush-mounted installation
 Housing surface-mounted

Order no.

Page

page 647
 page 648

Order no.

8014 12 00

PU

1



Group push-button module 1gang surface-mounted/flush-mounted

- integrated bus coupling unit



Operating voltage over bus 21 ... 32 V=
 Current consumption KNX typ. 10 mA
 Power consumption, KNX ≈ 108 mW
 Operating temperature -40 ... +30 °C

Degree of protection IP55 by installation into W.1 surface-mounted/flush-mounted housings and mounted rocker

Design

Berker W.1

light grey/grey glossy/matt

- with 0-position (rocker centre bearing)

Suitable for

Frame for flush-mounted installation
 Housing surface-mounted

Order no.

Page

page 647
 page 648

Order no.

8014 13 00

PU

1



Rocker

- with sealing membrane

Suitable for

Push-button module 1gang surface-mounted/flush-mounted 8014 12 00
 Group push-button module 1gang surface-mounted/flush-mounted 8014 13 00

Order no.

Page

747
 747

Design

grey matt

polar white matt

Order no.

61 3076 35 45

61 3076 35 42

PU

10

10



Rocker

- lens



Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

- for illumination and monitoring circuit
- with sealing membrane

Suitable for	Order no.	Page
Push-button module 1gang surface-mounted/flush-mounted	8014 12 00	747
Group push-button module 1gang surface-mounted/flush-mounted	8014 13 00	747
optional		
Lens with imprint		page 650

Design	Order no.	PU
grey matt	3086 35 45	10
polar white matt	3086 35 42	10



Rocker

- labelling field



- for illumination
- with sealing membrane

Suitable for	Order no.	Page
Push-button module 1gang surface-mounted/flush-mounted	8014 12 00	747
Group push-button module 1gang surface-mounted/flush-mounted	8014 13 00	747

Design	Order no.	PU
grey matt	3076 35 45	10
polar white matt	3076 35 42	10



Rocker with imprint "0 - 1"

- with sealing membrane

Suitable for	Order no.	Page
Group push-button module 1gang surface-mounted/flush-mounted	8014 13 00	747

Design	Order no.	PU
grey matt	3042 35 45	10
polar white matt	3042 35 42	10



Rocker with imprinted arrow symbol

- with sealing membrane

Suitable for	Order no.	Page
Group push-button module 1gang surface-mounted/flush-mounted	8014 13 00	747

Design	Order no.	PU
grey/lightgrey matt	3065 35 45	10
polar white matt	3065 35 42	10



Push-button module 2gang surface-mounted/flush-mounted

- integrated bus coupling unit



Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648

Operating voltage over bus	21 ... 32 V=
Current consumption KNX	typ. 10 mA
Power consumption, KNX	≈ 108 mW
Operating temperature	-40 ... +30 °C

Degree of protection IP55 by installation into W.1 surface-mounted/flush-mounted housings and mounted rocker

Design	Order no.	PU
Berker W.1		
light grey/grey glossy/matt	8014 14 00	1



Group push-button module 2gang surface-mounted/flush-mounted

- integrated bus coupling unit



Operating voltage over bus 21 ... 32 V=
Current consumption KNX typ. 10 mA
Power consumption, KNX ≈ 108 mW
Operating temperature -40 ... +30 °C

Degree of protection IP55 by installation into W.1 surface-mounted/flush-mounted housings and mounted rocker

Design	Order no.	Page
Berker W.1		page 647 page 648
light grey/grey glossy/matt	8014 15 00	1

- with 0-position (rocker centre bearing)

Suitable for	Order no.	Page
Frame for flush-mounted installation		page 647
Housing surface-mounted		page 648



Rocker 2gang

- with sealing membrane

Design	Order no.	Page
grey matt	3055 35 45	10
polar white matt	3055 35 42	10

Suitable for	Order no.	Page
Push-button module 2gang surface-mounted/flush-mounted	8014 14 00	749
Group push-button module 2gang surface-mounted/flush-mounted	8014 15 00	749



Rocker 2gang

- clear lens



Design	Order no.	Page
grey matt ¹⁾	3086 35 55	10
polar white matt ¹⁾	3086 35 52	10

- for illumination and monitoring circuit
- with sealing membrane

Suitable for	Order no.	Page
Push-button module 2gang surface-mounted/flush-mounted	8014 14 00	749
Group push-button module 2gang surface-mounted/flush-mounted	8014 15 00	749

¹⁾ with clear lens



Rocker 2gang with imprint "0" and "1"

- with sealing membrane

Design	Order no.	Page
grey/lightgrey matt	3042 35 55	10
polar white matt	3042 35 52	10

Suitable for	Order no.	Page
Group push-button module 2gang surface-mounted/flush-mounted	8014 15 00	749



Rocker 2gang with imprinted arrow symbol

- with sealing membrane

Design	Order no.	Page
grey matt	3065 35 65	10
polar white matt	3065 35 62	10

Suitable for	Order no.	Page
Push-button module 2gang surface-mounted/flush-mounted	8014 14 00	749



Rocker 2gang with imprinted arrow symbol

– with sealing membrane

Design	Order no.	PU
grey/lightgrey matt	3065 35 55	10
polar white matt	3065 35 52	10

Suitable for	Order no.	Page
Group push-button module 2gang surface-mounted/flush-mounted	8014 15 00	749

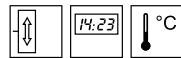
KNX thermostat

- TFT colour display with symbol display
- to display and initiate actions
- display of operating mode, controller lockout, room/outside temperature, time and date
- time and date display
- screensavers
- menu guidance in DE/EN/FR/NL/IT/ES/PT/PL/DK/SV/FI/NO/TR
- operation via sensitive Touch control surface
- for individual single room temperature control
- control parameter for heating / cooling unit preset
- additional connection for external temperature sensor
- temperature measurement via internal, external temperature sensor or via object and their mean value formation
- temperature adjustable for comfort, standby and night-time reduction
- with integrated bus coupling unit
- bus connection via connecting terminal
- with spreader claws



KNX thermostat

- **integrated bus coupling unit**
- **colour display**
- **external temperature sensor connection**



Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V=
Current consumption KNX	max. 10 mA
Energy efficiency class	IV (2%)
TFT screen size	1.93"
Dimensions of display (W x H)	38.3 x 30.3 mm
Power reserve	≈ 4 h
Operating temperature	-5 ... +45 °C
Sensor cable length	10 m
Installation depth	32 mm

- operating modes heating, cooling, heating/cooling or background heating and additional heating/cooling can be selected
- control modes switching PI-control (PWM), continuous PI control or switching 2-point control can be selected
- heating types warm water heating, warm water under-floor heating, electric heating, electric underfloor heating, split unit or adjustable via object
- with keylock
- with holiday switching
- with frost protection function

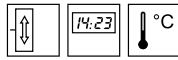
Suitable for	Order no.	Page
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
Electrical power supply 24 V DC RMD	7591 00 03	775
optional Temperature sensor		page 833 page page

Design	Order no.	PU
KNX thermostat	8044 01 00	1



KNX room controller

- integrated bus coupling unit
- colour display
- external temperature sensor connection



Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V=
Current consumption KNX	max. 10 mA
Energy efficiency class	IV (2%)
TFT screen size	1.93"
Dimensions of display (W x H)	38.3 x 30.3 mm
Power reserve	≈ 4 h
Operating temperature	-5 ... +45 °C
Sensor cable length	10 m
Installation depth	32 mm

The KNX room controller in comparison with the thermostat also has push-button functions and can thus control all subsystems in a room.

- operating modes heating, cooling, heating/cooling or background heating and additional heating/cooling can be selected
- control modes switching PI-control (PWM), continuous PI control or switching 2-point control can be selected
- heating types warm water heating, warm water under-floor heating, electric heating, electric underfloor heating, split unit or adjustable via object
- push-button functions for switching, dimming, roller shutter/blind, value transmitter 1 and 2 byte, thermostat, scene, priority
- with keylock
- with holiday switching
- with frost protection function
- function for manual interruption of automatic functions already triggered

Suitable for	Order no.	Page
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
Electrical power supply 24 V DC RMD	7591 00 03	775
optional Temperature sensor		page 833 page page

Design	Order no.	PU
KNX room controller	8066 01 00	1

Cover for KNX thermostats and room controllers



Design	Order no.	PU
Berker S.1 B.3 B.7		
white glossy	8096 01 82	1
polar white glossy	8096 01 89	1
polar white, matt, plastic	8096 01 80	1
anthracite, matt	8096 01 85	1
aluminium matt, lacquered	8096 01 83	1
Berker Q.1 Q.3 Q.7 Q.9		
white velvety	8096 01 22	1
polar white velvety	8096 01 29	1
anthracite velvety, lacquered	8096 01 26	1
aluminium velvety, lacquered	8096 01 21	1
Berker K.1 K.5		
polar white glossy	8096 01 79	1
anthracite, matt	8096 01 75	1
aluminium, matt, lacquered	8096 01 71	1
stainless steel matt, lacquered	8096 01 73	1

Suitable for	Order no.	Page
KNX thermostat	8044 01 00	750
KNX room controller	8066 01 00	751

Design	Order no.	PU
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Berker R.1 | R.3 | R.8 Push-buttons

- operating surfaces as buttons (single-surface operation) and rockers (two-surface operation)
- with 2 RGB status LEDs per rocker
- status LED configurable in its colour per button
- brightness value of status LEDs are individually adjustable for button/rocker function
- brightness value of the status LEDs for day/nighttime operation adjustable via object or manually
- with white operating LED, can be activated
- push-button/rocker functions for switching, dimming, roller shutter/blind, value transmitter 1/2 byte, room thermostat extension unit, priority, scene, 2-channel mode, automatic control deactivation
- additional push-button functions for timer and step switch
- setting of 1 ... 64 scenes possible
- 3-step switch, function for incremental selection of up to 7 stored values
- integrated temperature sensor with output of the measured values via object
- function for manual interruption of automatic functions already triggered
- parameter defineable lock function
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- for bus coupling unit flush-mounted
- with anti-dismantling protection
- for suitable frames see the Design line R.1 | R.3 | R.8
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1 | R.3 | R.8



Bus coupling unit flush-mounted

- external temperature sensor connection



Operating voltage over bus
Operating temperature
Installation depth

21 ... 32 V=
-5 ... +45 °C
32 mm

- additional connection for external temperature sensor
- with integrated buzzer for acoustic identification of the device within the system
- with programming button and red programming LED
- bus connection via connecting terminal
- with dust protection flap for user interface (AST)
- with spreader claws

Suitable for
optional
Temperature sensor

Order no.

Page

page 833
page
page

Design

Order no.

PU

Individual unit

8004 00 01

1



Push-button 1gang

- RGB LED
- internal temperature sensor



Power consumption, KNX
Operating temperature

≈ 150 mW
-5 ... +45 °C

Use only in conjunction with bus coupling unit flush-mounted
(order no. : 8004 00 x1)!

Suitable for
Bus coupling unit flush-mounted

Order no.

Page
page 798

Design

Order no.

PU

Berker R.1 | R.3 | R.8

polar white glossy

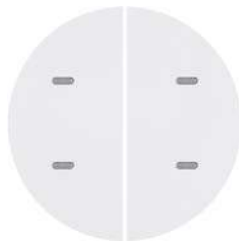
8016 18 69

1

black glossy

8016 18 65

1



Push-button 2gang

- RGB LED
- internal temperature sensor

Suitable for
Bus coupling unit flush-mounted

Order no. **Page**
page 798



Power consumption, KNX ≈ 150 mW
Operating temperature -5 ... +45 °C

Use only in conjunction with bus coupling unit flush-mounted (order no. : 8004 00 x1)!

Design	Order no.	PU
Berker R.1 R.3 R.8		
polar white glossy	8016 28 69	1
black glossy	8016 28 65	1

Berker R.1 | R.3 - Touch sensors comfort

- with integrated bus coupling unit
- operation by gently touching the sensor surfaces on the white LEDs
- for switch, push-button, dimmer and shutter functions
- single and two push-button operation parameterisable
- one push-button operation for switching, buttons, blinds and dimming
- extension unit for light scene push-button
- retrieval, setting and storing of 8 light scenes
- temperature measurement via internal and/or external temperature sensor with mean value formation
- additional connection for external temperature sensor
- usable as thermostat extension unit
- provision of the internal temperature value via communication object
- blocking function for sensor surface e.g. for cleaning the glass surface
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- bus connection via connecting terminal
- for mounting on a double box, e.g. order no. 1809 (flush mounting) or 1824 (hollow wall mounting)
- for vertical mounting
- with dismantling protection via a screw on the fastening ring
- many options for labelling (text and/or symbols) are available via the **product/labelling configurator** at configurator.hager.com
- for individually labelled glass and touch sensors (configured variations), the product/labelling configurator generates a layout number, which must be additionally specified when placing the order.



Touch sensor 1gang comfort

▶ 943

- integrated bus coupling unit



Operating voltage 21 ... 32 V=
Current consumption KNX max. 12.5 mA
Operating temperature -5 ... +45 °C
Dimensions (W x H x D) 81 x 152 x 10 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1 | R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x
- with blue operation LED and 2 white status LEDs

Suitable for optional
Temperature sensor (33 kΩ)
Wall box **Order no.** **Page**
page 834
page 803

Design	Order no.	PU
Berker R.1		
glass polar white	7514 18 60	1
glass black	7514 18 65	1
Berker R.1 - configured		
glass polar white	7514 11 60	1
glass black	7514 11 65	1
Berker R.3		
glass polar white	7514 18 50	1
glass black	7514 18 55	1

Berker R.3 - configured

glass polar white	7514 11 50	1
glass black	7514 11 55	1



Touch sensor 2gang comfort
- integrated bus coupling unit

▶ 943



Operating voltage 21 ... 32 V=
Current consumption KNX max. 12.5 mA
Operating temperature -5 ... +45 °C
Dimensions (W x H x D) 81 x 152 x 10 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1 | R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x
- with blue operation LED and 4 white status LEDs

Suitable for optional	Order no.	Page
Temperature sensor (33 kΩ)		page 834
Wall box		page 803
Order no.		PU

Design

Berker R.1

glass polar white	7514 28 60	1
glass black	7514 28 65	1

Berker R.1 - configured

glass polar white	7514 21 60	1
glass black	7514 21 65	1

Berker R.3

glass polar white	7514 28 50	1
glass black	7514 28 55	1

Berker R.3 - configured

glass polar white	7514 21 50	1
glass black	7514 21 55	1



Touch sensor 3gang comfort
- integrated bus coupling unit

▶ 943



Operating voltage 21 ... 32 V=
Current consumption KNX max. 12.5 mA
Operating temperature -5 ... +45 °C
Dimensions (W x H x D) 81 x 152 x 10 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1 | R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x
- with blue operation LED and 6 white status LEDs

Suitable for optional	Order no.	Page
Temperature sensor (33 kΩ)		page 834
Wall box		page 803
Order no.		PU

Design

Berker R.1

glass polar white	7514 38 60	1
glass black	7514 38 65	1

Berker R.1 - configured

glass polar white	7514 31 60	1
glass black	7514 31 65	1

Berker R.3

glass polar white	7514 38 50	1
glass black	7514 38 55	1

Berker R.3 - configured

glass polar white	7514 31 50	1
glass black	7514 31 55	1





Touch sensor 4gang comfort

▶ 943

- integrated bus coupling unit



- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1 | R.3

- for suitable frames in the same "style" for additional applications, see the Design line R.x

- with blue operation LED and 8 white status LEDs

Operating voltage	21 ... 32 V=
Current consumption KNX	max. 12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

Suitable for optional	Order no.	Page
Temperature sensor (33 kΩ)		page 834
Wall box		page 803

Design	Order no.	PU
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Berker R.1

glass polar white	7514 48 60	1
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glass black	7514 48 65	1
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Berker R.1 - configured

glass polar white	7514 41 60	1
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glass black	7514 41 65	1
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Berker R.3

glass polar white	7514 48 50	1
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glass black	7514 48 55	1
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Berker R.3 - configured

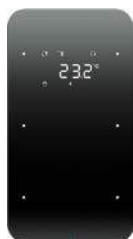
glass polar white	7514 41 50	1
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glass black	7514 41 55	1
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Berker R.1 | R.3 - Touch sensors with thermostat

- with integrated bus coupling unit
- operation by gently touching the sensor surfaces on the white LEDs
- for switch, push-button, dimmer, blind and thermostat functions
- single and two push-button operation parameterisable
- one push-button operation for switching, buttons, blinds and dimming
- for individual single room temperature control
- for heating and/or cooling mode with/without auxiliary step
- operating modes: comfort, standby, night operation and frost/heat protection adjustable
- LED display with symbol display
- with 2 additional sensor surfaces for display control
- display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- integrated temperature sensor
- temperature measurement via internal and/or external temperature sensor with mean value formation
- additional connection for external temperature sensor
- provision of the internal temperature value via communication object
- temperature control via local measurement or measured value via object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- separate auxiliary power supply needed
- operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- bus connection via connecting terminal
- for mounting on a double box, e.g. order no. 1809 (flush mounting) or 1824 (hollow wall mounting)
- for vertical mounting
- with dismantling protection via a screw on the fastening ring
- many options for labelling (text and/or symbols) are available via the **product/labelling configurator** at configurator.hager.com
- for individually labelled glass and touch sensors (configured variations), the product/labelling configurator generates a layout number, which must be additionally specified when placing the order.



Touch sensor 2gang with thermostat

▶ 943

- **display**
- **integrated bus coupling unit**



- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1 | R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

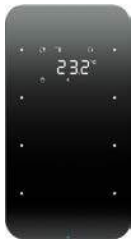
Operating voltage	21 ... 32 V=			
Current consumption	23 mA	Suitable for	Order no.	Page
Power consumption, KNX	≈ 150 mW	Electrical power supply 24 V DC RMD	7591 00 03	775
Temperature measuring range, linear	0 ... +40 °C	KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
Energy efficiency class	IV (2%)	optional		
Operating temperature	-5 ... +45 °C	Temperature sensor (33 kΩ)	161	110
Dimensions (W x H x D)	81 x 152 x 10 mm	Wall box	1809	549
		Wall box for installation in hollow walls	1824	549

Design Order no. PU

Berker R.1		
glass polar white	7564 20 60	1
glass black	7564 20 65	1
Berker R.1 - configured		
glass polar white	7564 21 60	1
glass black	7564 21 65	1
Berker R.3		
glass polar white	7564 20 50	1
glass black	7564 20 55	1

Berker R.3 - configured		
glass polar white	7564 21 50	1
glass black	7564 21 55	1





Touch sensor 3gang with thermostat

▶ 943

- display
- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	23 mA
Power consumption, KNX	≈ 150 mW
Temperature measuring range, linear	0 ... +40 °C
Energy efficiency class	IV (2%)
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1 | R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

Design	Order no.	PU
Berker R.1		
glass polar white	7564 30 60	1
glass black	7564 30 65	1
Berker R.1 - configured		
glass polar white	7564 31 60	1
glass black	7564 31 65	1
Berker R.3		
glass polar white	7564 30 50	1
glass black	7564 30 55	1
Berker R.3 - configured		
glass polar white	7564 31 50	1
glass black	7564 31 55	1



Wall boxes



Wall box

▶ 943

- plastic

Design	Order no.	PU
Wall box	1809	50
Wall box for installation in hollow walls	1824	50

Suitable for	Order no.	Page
Berker R.1 R.3 - Touch sensors comfort		page 799
Berker R.1 R.3 - Touch sensors with thermostat		page 802

B.IQ - Push-buttons

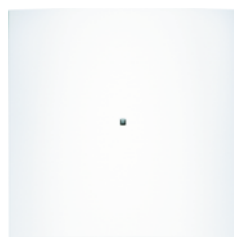
- for switch, push-button, dimmer and shutter functions
- extension unit for light scene push-button
- for installation in single standard wall boxes
- with dismantling protection
- for suitable frames in the same "style" for additional applications, see the Design line B.7
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x



Bus coupling unit flush-mounted

- | | | |
|----------------------------|---------------|---|
| Operating voltage over bus | 21 ... 32 V= | – with programming button and red programming LED |
| Power consumption, KNX | ≈ 100 mW | – without spreader claws |
| Operating temperature | -5 ... +45 °C | – as interface between KNX user module and bus line |
| Installation depth | 23 mm | – bus connection via connecting terminal |

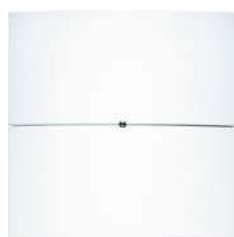
Design	Suitable for optional	Order no.	Page
Bus coupling unit flush-mounted	Blind plug for bus coupling unit	7594 02 ..	866
		Order no.	PU
		7504 00 01	1



B.IQ push-button 1 gang comfort

- | | | | |
|-----------------------|----------------|---|-------|
| Operating temperature | -5 ... +45 °C | – one push-button operation for switching, pushing, shutters and dimming | ▶ 946 |
| Dimensions (W x H) | 88.5 x 88.5 mm | – activation of second user level via object | |
| | | – alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte | |
| | | – with blue operation LED and 2 white status LEDs (labelling field lighting) | |
| | | – for bus coupling unit flush-mounted | |
| | | – single and two push-button operation parameterisable | |
| | | – value transmitter for dimming, position, brightness and temperature values 1 and 2 byte | |

Design	Suitable for optional	Order no.	Page
polar white matt	Bus coupling unit flush-mounted		page 804
aluminium, aluminium anodised	B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	563
stainless steel, metal brushed		Order no.	PU
glass polar white		7516 15 99	1
glass black		7516 15 94	1
		7516 15 93	1
		7516 15 90	1
		7516 15 92	1



B.IQ push-button 2 gang comfort

- | | | | |
|-----------------------|----------------|---|-------|
| Operating temperature | -5 ... +45 °C | – one push-button operation for switching, pushing, shutters and dimming | ▶ 946 |
| Dimensions (W x H) | 88.5 x 88.5 mm | – activation of second user level via object | |
| | | – alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte | |
| | | – with blue operation LED and 4 white status LEDs (labelling field lighting) | |
| | | – for bus coupling unit flush-mounted | |
| | | – single and two push-button operation parameterisable | |
| | | – value transmitter for dimming, position, brightness and temperature values 1 and 2 byte | |

Design	Suitable for optional	Order no.	Page
polar white matt	Bus coupling unit flush-mounted		page 804
aluminium, aluminium anodised	B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	563
stainless steel, metal brushed		Order no.	PU
glass polar white		7516 25 99	1
glass black		7516 25 94	1
		7516 25 93	1
		7516 25 90	1
		7516 25 92	1



B.IQ push-button 3gang comfort

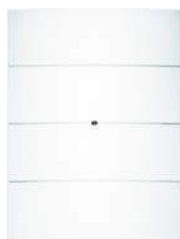
▶ 946

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 88.5 mm

- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- with blue operation LED and 6 white status LEDs (labelling field lighting)
- for bus coupling unit flush-mounted
- single and two push-button operation parameterisable
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 804
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	563

Design	Order no.	PU
polar white matt	7516 35 99	1
aluminium, aluminium anodised	7516 35 94	1
stainless steel, metal brushed	7516 35 93	1
glass polar white	7516 35 90	1
glass black	7516 35 92	1



B.IQ push-button 4gang comfort

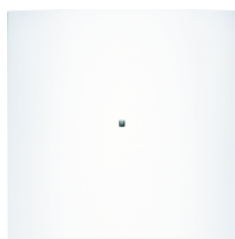
▶ 946

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 118.1 mm

- one push-button operation for switching, pushing, shutters and dimming
- lockable via 3-button actuation
- second operating level via object or 3-button handle
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- with blue operation LED and 8 white status LEDs (labelling field lighting)
- for bus coupling unit flush-mounted
- single and two push-button operation parameterisable
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 804
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	564

Design	Order no.	PU
polar white matt	7516 45 99	1
aluminium, aluminium anodised	7516 45 94	1
stainless steel, metal brushed	7516 45 93	1
glass polar white	7516 45 90	1
glass black	7516 45 92	1



B.IQ push-button 1gang

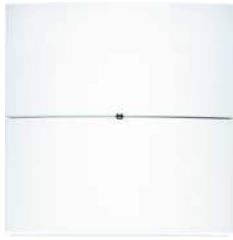
▶ 946

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 88.5 mm

- with blue operation LED and 2 white status LEDs (labelling field lighting)
- for bus coupling unit flush-mounted
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 804
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	563

Design	Order no.	PU
polar white matt	7516 10 99	1
aluminium, aluminium anodised	7516 10 94	1
stainless steel, metal brushed	7516 10 93	1
glass polar white	7516 10 90	1
glass black	7516 10 92	1



B.IQ push-button 2gang

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 88.5 mm

- with blue operation LED and 4 white status LEDs (labelling field lighting)
- for bus coupling unit flush-mounted
- dimming / position value transmitter 1 byte

▶ 946

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 804
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	563

Design	Order no.	PU
polar white matt	7516 20 99	1
aluminium, aluminium anodised	7516 20 94	1
stainless steel, metal brushed	7516 20 93	1
glass polar white	7516 20 90	1
glass black	7516 20 92	1



B.IQ push-button 3gang

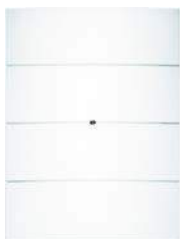
Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 88.5 mm

- with blue operation LED and 6 white status LEDs (labelling field lighting)
- for bus coupling unit flush-mounted
- dimming / position value transmitter 1 byte

▶ 946

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 804
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	563

Design	Order no.	PU
polar white matt	7516 30 99	1
aluminium, aluminium anodised	7516 30 94	1
stainless steel, metal brushed	7516 30 93	1
glass polar white	7516 30 90	1
glass black	7516 30 92	1



B.IQ push-button 4gang

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 118.1 mm

- with blue operation LED and 8 white status LEDs (labelling field lighting)
- for bus coupling unit flush-mounted
- dimming / position value transmitter 1 byte

▶ 946

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 804
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	564

Design	Order no.	PU
polar white matt	7516 40 99	1
aluminium, aluminium anodised	7516 40 94	1
stainless steel, metal brushed	7516 40 93	1
glass polar white	7516 40 90	1
glass black	7516 40 92	1

B.IQ - Push-buttons with thermostat

- for switch, push-button, dimmer, blind and thermostat functions
- single and two push-button operation parameterisable
- one push-button operation for switching, buttons, blinds and dimming
- extension unit for light scene push-button
- with 2 white status LEDs per rocker (labelling field illumination)
- with blue operation LED
- for individual single room temperature control
- for heating and/or cooling mode with/without auxiliary step
- controller operating modes: comfort, standby, night and frost/heat protection mode
- with 2 additional function buttons for display control
- display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- provision of the internal temperature value via communication object
- with room temperature timer and 2-week timer functions
- button help function can be activated
- for installation in single standard wall boxes
- for continuous (PI) or switched (2-point) control of max. 2 control circuits
- with dismantling protection
- LC display with symbols and illumination switchable via object
- text display (ASCII-format)
- end customer display scope parameterisable
- presence button parameterisable to extend comfort
- separate object for window contact
- with button blocking function
- alarm telegram after disconnection from bus coupling unit 1 bit, 1 or 2 byte
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- programmable from ETS2, V1.2a
- for suitable frames in the same "style" for additional applications, see the Design line B.7
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x



Flush-mounted bus coupling unit for B.IQ with thermostat

Operating voltage over bus 21 ... 32 V=
 Operating temperature +5 ... +45 °C
 Installation depth 20 mm

- for B.IQ push-buttons with thermostat and display or Bluetooth gateways
- with programming button and red programming LED
- without spreader claws
- bus connection via connecting terminal

Design	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 01	1
Suitable for optional Blind plug for bus coupling unit	Order no. 7594 02 ..	Page 866



B.IQ push-button 3gang with thermostat

- display



Power consumption, KNX ≈ 150 mW
 Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C
 Dimensions (W x H) 88.5 x 119.6 mm

- for flush-mounted bus coupling unit for B.IQ with thermostat

Suitable for optional	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	Order no. 7590 00 80	Page 807
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	563

Design	Order no.	Page
polar white matt	7566 35 99	1
aluminium, aluminium anodised	7566 35 94	1
stainless steel, metal brushed	7566 35 93	1
glass polar white	7566 35 90	1
glass black	7566 35 92	1



B.IQ push-button 4gang with thermostat

▶ 946

- display



Power consumption, KNX ≈ 150 mW
 Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C
 Dimensions (W x H) 88.5 x 149.2 mm

- for flush-mounted bus coupling unit for B.IQ with thermostat

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat		page 807
optional B.IQ labelling field for push-buttons 4gang	7590 00 81	564

Design	Order no.	PU
polar white matt	7566 45 99	1
aluminium, aluminium anodised	7566 45 94	1
stainless steel, metal brushed	7566 45 93	1
glass polar white	7566 45 90	1
glass black	7566 45 92	1



B.IQ push-button 5gang with thermostat

▶ 946

- display



Power consumption, KNX ≈ 150 mW
 Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C
 Dimensions (W x H) 88.5 x 178.8 mm

- for flush-mounted bus coupling unit for B.IQ with thermostat

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat		page 807
optional B.IQ labelling field for push-buttons 5gang	7590 00 82	564

Design	Order no.	PU
polar white matt	7566 55 99	1
aluminium, aluminium anodised	7566 55 94	1
stainless steel, metal brushed	7566 55 93	1
glass polar white	7566 55 90	1
glass black	7566 55 92	1



B.IQ IR push-button 3gang with thermostat

▶ 946

- display



Power consumption, KNX ≈ 150 mW
 Energy efficiency class IV (2%)
 Operating temperature -5 ... +45 °C
 Dimensions (W x H) 88.5 x 128.6 mm

- IR telegram with RC5 coding parameterisable per push-button
 - for flush-mounted bus coupling unit for B.IQ with thermostat

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat		page 807
optional B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	563
Hand-held transmitter for B.IQ IR push-button	2779	809

Design	Order no.	PU
polar white matt	7566 36 99	1
aluminium, aluminium anodised	7566 36 94	1
stainless steel, metal brushed	7566 36 93	1
glass polar white	7566 36 90	1
glass black	7566 36 92	1



B.IQ IR push-button 4gang with thermostat

▶ 946

- display



Energy efficiency class IV (2%)
Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 158.2 mm

- IR telegram with RC5 coding parameterisable per push-button
- for flush-mounted bus coupling unit for B.IQ with thermostat

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat		page 807
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	564
Hand-held transmitter for B.IQ IR push-button	2779	809

Design	Order no.	PU
polar white matt	7566 46 99	1
aluminium, aluminium anodised	7566 46 94	1
stainless steel, metal brushed	7566 46 93	1
glass polar white	7566 46 90	1
glass black	7566 46 92	1



B.IQ IR push-button 5gang with thermostat

▶ 946

- display



Power consumption, KNX ≈ 150 mW
Energy efficiency class IV (2%)
Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 187.8 mm

- IR telegram with RC5 coding parameterisable per push-button
- for flush-mounted bus coupling unit for B.IQ with thermostat

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat		page 807
optional		
B.IQ labelling field for push-buttons 5gang	7590 00 82	564
Hand-held transmitter for B.IQ IR push-button	2779	809

Design	Order no.	PU
polar white matt	7566 56 99	1
aluminium, aluminium anodised	7566 56 94	1
stainless steel, metal brushed	7566 56 93	1
glass polar white	7566 56 90	1
glass black	7566 56 92	1



Hand-held transmitter for B.IQ IR push-button

Operating voltage 6 V=
IR range ≈ 10 m
Number of IR channels 24
Battery service life [years] ≈ 3
Dimensions (L x W x H) 192 x 53 x 23 mm

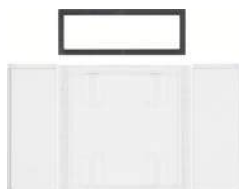
- RC5 code
- with 3 channel group LEDs (also transmission and battery status LEDs)
- with 3 channel group buttons A, B, C
- with 8 channel buttons (on/off; dimmer)
- with child lock

The required batteries 4 x Micro, alkaline (LR 03) are not in scope of delivery.
For battery-operated IR remote control of all assigned IR receivers.

Suitable for	Order no.	Page
B.IQ IR push-button 3gang with thermostat		page 808
B.IQ IR push-button 4gang with thermostat		page 809
B.IQ IR push-button 5gang with thermostat		page 809

Design	Order no.	PU
anthracite matt	2779	1

B.IQ - Labelling fields





B.IQ labelling field for push-buttons 1 to 3gang

▶ 946

Dimensions (W x H x D) 151.6 x 85 x 5.7 mm - can be illuminated by status LED

Design	Order no.	PU
clear, transparent	7590 00 80	1

	B.IQ labelling field for push-buttons 4gang ▶ 946	
	Dimensions (W x H x D)	151.6 x 114.6 x 5.7 mm – can be illuminated by status LED
Design clear, transparent	Order no. 7590 00 81	PU 1

	B.IQ labelling field for push-buttons 5gang ▶ 946	
	Dimensions (W x H x D)	151.6 x 144.2 x 5.7 mm – can be illuminated by status LED
Design clear, transparent	Order no. 7590 00 82	PU 1

Berker TS sensor - Glass sensors comfort

- with integrated bus coupling unit
- operation by gently touching the sensor surfaces on the white LEDs
- for switch, push-button, dimmer and shutter functions
- single and two push-button operation parameterisable
- one push-button operation for switching, buttons, blinds and dimming
- extension unit for light scene push-button
- retrieval, setting and storing of 8 light scenes
- integrated temperature sensor
- temperature measurement via internal and/or external temperature sensor with mean value formation
- additional connection for external temperature sensor
- usable as thermostat extension unit
- provision of the internal temperature value via communication object
- blocking function for sensor surface e.g. for cleaning the glass surface
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- bus connection via connecting terminal
- for vertical mounting
- for mounting, always use the flat 2gang wall box, order no. 1871
- with adapter ring for dismantling protection, shadow jointing and special installation conditions
- with disassembly suction tool
- many options for labelling (text and/or symbols) are available via the **product/labelling configurator** at configurator.hager.com
- for individually labelled glass and touch sensors (configured variations), the product/labelling configurator generates a layout number, which must be additionally specified when placing the order.

Glass sensor 1gang comfort

▶ 946

- **integrated bus coupling unit**



Operating voltage 21 ... 32 V=
Current consumption KNX max. 12.5 mA
Operating temperature -5 ... +45 °C
Dimensions (W x H x D) 86 x 160 x 5.7 mm

- with blue operation LED and 2 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Suitable for
Wall box 2gang flat
optional
Temperature sensor (33 kΩ) page 834

Order no. 1871 **Page** 814

Design

Berker TS sensor

Design	Order no.	PU
glass polar white	7514 18 30	1
glass black	7514 18 35	1
glass aluminium	7514 10 34	1
Berker TS sensor - configured		
glass polar white	7514 19 30	1
glass black	7514 19 35	1
glass aluminium	7514 11 34	1

Glass sensor 2gang comfort

▶ 946

- **integrated bus coupling unit**



Operating voltage 21 ... 32 V=
Current consumption KNX max. 12.5 mA
Operating temperature -5 ... +45 °C
Dimensions (W x H x D) 86 x 160 x 5.7 mm

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Suitable for
Wall box 2gang flat
optional
Temperature sensor (33 kΩ) page 834

Order no. 1871 **Page** 814

Design

Berker TS sensor

Design	Order no.	PU
glass polar white	7514 28 30	1
glass black	7514 28 35	1
glass aluminium	7514 20 34	1
Berker TS sensor - configured		
glass polar white	7514 29 30	1
glass black	7514 29 35	1
glass aluminium	7514 21 34	1



Glass sensor 3gang comfort

▶ 946

- integrated bus coupling unit



Operating voltage 21 ... 32 V=
Current consumption KNX max. 12.5 mA
Operating temperature -5 ... +45 °C
Dimensions (W x H x D) 86 x 160 x 5.7 mm

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Design

Suitable for Wall box 2gang flat optional Temperature sensor (33 kΩ)	Order no. 1871	Page 814 page 834
Order no.		PU

Berker TS sensor

glass polar white	7514 38 30	1
glass black	7514 38 35	1
glass aluminium	7514 30 34	1
Berker TS sensor - configured		
glass polar white	7514 39 30	1
glass black	7514 39 35	1
glass aluminium	7514 31 34	1



Glass sensor 4gang comfort

▶ 946

- integrated bus coupling unit



Operating voltage 21 ... 32 V=
Current consumption KNX max. 12.5 mA
Operating temperature -5 ... +45 °C
Dimensions (W x H x D) 86 x 160 x 5.7 mm

- with blue operation LED and 8 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Design

Suitable for Wall box 2gang flat optional Temperature sensor (33 kΩ)	Order no. 1871	Page 814 page 834
Order no.		PU

Berker TS sensor

glass polar white	7514 48 30	1
glass black	7514 48 35	1
glass aluminium	7514 40 34	1
Berker TS sensor - configured		
glass polar white	7514 49 30	1
glass black	7514 49 35	1
glass aluminium	7514 41 34	1

Berker TS sensor - Glass sensors with thermostat

- with integrated bus coupling unit
- operation by gently touching the sensor surfaces on the white LEDs
- for switch, push-button, dimmer and shutter functions
- single and two push-button operation parameterisable
- one push-button operation for switching, buttons, blinds and dimming
- extension unit for light scene push-button
- retrieval, setting and storing of 8 light scenes
- for heating and/or cooling mode with/without auxiliary step
- controller operating modes: comfort, standby, night and frost/heat protection mode
- LED display with symbol display
- with 2 additional sensor surfaces for display control
- display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- integrated temperature sensor
- temperature measurement via internal and/or external temperature sensor with mean value formation
- additional connection for external temperature sensor
- usable as thermostat extension unit
- temperature control via local measurement or measured value via object
- blocking function for sensor surface e.g. for cleaning the glass surface
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- separate auxiliary power supply needed
- operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- bus connection via connecting terminal
- for vertical mounting
- for mounting, always use the flat 2gang wall box, order no. 1871
- with adapter ring for dismantling protection and shadow gap formation
- with disassembly suction tool
- many options for labelling (text and/or symbols) are available via the **product/labelling configurator** at configurator.hager.com
- for individually labelled glass and touch sensors (configured variations), the product/labelling configurator generates a layout number, which must be additionally specified when placing the order.

Glass sensor 2gang with thermostat

▶ 946

- **display**
- **integrated bus coupling unit**



Operating voltage	21 ... 32 V=
Current consumption	23 mA
Power consumption, KNX	≈ 150 mW
Temperature measuring range, linear	0 ... +40 °C
Energy efficiency class	IV (2%)
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	814
Electrical power supply 24 V DC RMD	7591 00 03	775
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
optional		
Temperature sensor (33 kΩ)		page 834

Design	Order no.	PU
Berker TS sensor		
glass polar white	7564 20 30	1
glass black	7564 20 35	1
glass aluminium	7564 20 34	1
Berker TS sensor - configured		
glass polar white	7564 21 30	1
glass black	7564 21 35	1
glass aluminium	7564 21 34	1



Glass sensor 3gang with thermostat

▶ 946

- display
- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	23 mA
Power consumption, KNX	≈ 150 mW
Temperature measuring range, linear	0 ... +40 °C
Energy efficiency class	IV (2%)
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1 | B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	814
Electrical power supply 24 V DC RMD	7591 00 03	775
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
optional		
Temperature sensor (33 kΩ)		page 834

Design	Order no.	PU
Berker TS sensor		
glass polar white	7564 30 30	1
glass black	7564 30 35	1
glass aluminium	7564 30 34	1
Berker TS sensor - configured		
glass polar white	7564 31 30	1
glass black	7564 31 35	1
glass aluminium	7564 31 34	1

Berker TS sensor - Supplementary products



Wall box 2gang flat

▶ 946

Dimensions (W x H x D)	68 x 139 x 47.5 mm
Cut hole Ø	2 x 68 mm
Cut hole pitch	71 mm

- for flush mounting and hollow-wall mounting
- flush wall-mounting or with adapter ring

Suitable for	Order no.	Page
Berker TS sensor - Glass sensors comfort		page 811
Berker TS sensor - Glass sensors with thermostat		page 813

Design	Order no.	PU
Wall box 2gang flat	1871	1

Touch Control



KNX Touch Control with TFT display

▶ 930

- **integrated bus coupling unit**



Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V=
Power consumption (standby)	0.6 W
Power consumption, KNX	≈ 1 W
Bus current consumption (data transfer)	≈ 10 mA
TFT screen size	3,5"
Resolution graphical display	320 x 240 px
Operating temperature	+0 ... +50 °C
Line length	max. 10 m
Conductor cross-section (flexible), with wire end sleeve	0.25 mm ²
Dimensions (W x H x D)	95 x 75 x 44 mm
Installation depth	25.5 mm
Energy efficiency class	IV (2%)

- high-resolution, touch-sensitive colour display
- for display/presentation of measured values, safety-relevant status, texts, graphics and photos
- integrated icon library with icons
- self-generated images/icons importable via micro SD card
- functions such as switching, dimming, blind control, up to 16 scenes, climate control, activation of alarm systems, date, time of day
- automatic function for control of lighting, blinds and roller shutters, air conditions and ventilation systems
- disabling function for cleaning the user interface
- 16 time switching functions and alarm clock
- logic modules: 4 x AND, 4 x OR with 4 inputs each
- with integrated bus coupling unit
- 4 analogue/digital inputs
- with programming button
- integrated brightness sensor for automatic adjustment of the display brightness
- internal proximity sensor for automatic activation of the display
- up to 10 freely configurable pages for operating elements and displays
- bus connection via connecting terminal
- connection for external temperature sensor and binary contacts

Suitable for	Order no.	Page
Electrical power supply 24 V DC RMD	7591 00 03	775
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
optional		
Design frame angular		page 815
Design frame rounded		page 816
Temperature sensor		page 833

Design	Order no.	PU
black glossy	7574 01 01	1

Design frame angular

Dimensions (W x H)	93.9 x 82.7 mm
Assembling height	4 mm

- for integration of neutral design products in all Berker design lines
- for KNX and door communication applications

Suitable for	Order no.	Page
KNX Touch Control with TFT display	7574 01 01	815

Design	Order no.	PU
white glossy	1319 89 82	1
white matt	1319 60 99	1
polar white glossy	1319 70 09	1
polar white, matt, plastic	1319 19 09	1
anthracite, matt	1319 70 06	1
black glossy	1319 22 45	1
aluminium matt, lacquered	1319 64 24	1
aluminium, metal matt finish	1319 22 84	1
stainless steel, metal matt finish	1319 22 04	1
stainless steel, metal brushed	1319 36 06	1
glass polar white	1319 69 09	1
glass aluminium	1319 64 14	1
glass black	1319 66 16	1



Design frame rounded

Dimensions (W x H)	93.9 x 90.9 mm	– for integration of neutral design products in all Berker design lines
Assembling height	4 mm	– for KNX and door communication applications
Rounding radius	12 mm	

	Suitable for	Order no.	Page
	KNX Touch Control with TFT display	7574 01 01	815
Design	Order no.		PU
polar white glossy	1319 21 89		1
white matt	1319 60 82		1
polar white, matt, plastic	1319 60 89		1
anthracite, matt	1319 60 86		1
black glossy	1319 21 45		1
aluminium, matt, lacquered	1319 60 84		1
alu, aluminium anodised	1319 21 84		1
stainless steel, metal matt finish	1319 21 04		1
glass polar white	1319 21 09		1
glass black	1319 21 16		1

Touch Panel

- display illumination can be switched automatically using brightness sensor
- depending on the software visualisation one and two surface operation, stepless configuration based on sliding and page scrolling by swiping are supported
- with USB/Mini USB type A adapter cable
- with RJ45 connector kit from connector and patch cable



Touch Panel 7" Android

Power over Ethernet (PoE)	18 ... 48 V=	– signal and operating panel with touch-sensitive, capacitive TFT colour display in 16:9 format, with Multi touch operation
Auxiliary voltage	18 ... 48 V=	
Power consumption	< 10 W	– for visualisation of domovea software and display of preconfigured functions, measured values and data
TFT screen size	7"	– suitable for vertical and horizontal domovea visualisation
Resolution graphical display	800 x 480 px	– connection to KNX system via domovea server
Light intensity	300 cd/m ²	– operating system: OS Android 4.1
Transmission rate Ethernet	max. 10/100 Mbit/s	– applications (Apps) available in preinstalled Android launcher - without acces to external apps
Processor	1 GHz	– integration of door communication functions in the domovea client or the Elcom VideoFON app for IP intercom systems
RAM	512 MB	– multi-touch function for the connection of multiple actions, e.g. to activate a function with simultaneous setting of a function value
Operating temperature	+5 ... +45 °C	– silent, long-lasting convection cooling without fan
Conductor cross-section (flexible), with wire end sleeve	max. 0.75 mm ²	– RJ45 Port for LAN connection
Conductor cross-section (rigid)	max. 1.5 mm ²	– card slot with 8 GB SDHC card
Dimensions (W x H x D)	189.7 x 125.7 x 48.3 mm	– microphone and loudspeaker with echo suppression
Assembling height	12 mm	– Mini-USB 2.0 jack e.g. for external storage media or updates on the upper display edge is accessible without dismantling
PoE power supply according to IEEE 802.3af Class 3 possible without audio applications.		– 2 USB 2.0 connections on the rear
		– for flush mounting and hollow-wall mounting
		– for vertical and horizontal mounting

	Suitable for	Order no.	Page
	Flush-mounted housing		page 819
	Flush-mounted housing, flush-to-wall		page 820
	optional		
	Electrical power supply 24 V DC RMD		page 862
	KNX power supply 320 mA + 24 V DC, 640 mA RMD		page 862
	Berker domovea Server RMD		page 823
	Berker domovea set		page 824
Design	Order no.		PU
anthracite, 7" Android	7574 01 07		1



Touch Panel 10" Android

Power over Ethernet (PoE)	18 ... 48 V=
Auxiliary voltage	18 ... 48 V=
Power consumption	< 10 W
TFT screen size	10"
Resolution graphical display	1280 x 800 px
Light intensity	300 cd/m ²
Transmission rate Ethernet	max. 10/100 Mbit/s
Processor	1 GHz
RAM	512 MB
Operating temperature	+5 ... +45 °C
Conductor cross-section (flexible), with wire end sleeve	max. 0.75 mm ²
Conductor cross-section (rigid)	max. 1.5 mm ²
Dimensions (W x H x D)	259.4 x 177 x 67.5 mm
Assembling height	10 mm

PoE power supply according to IEEE 802.3af Class 3 possible without audio applications.

- signal and operating panel with touch-sensitive, capacitive TFT colour display in 16:9 format, with Multi touch operation
- for visualisation of domovea software and display of preconfigured functions, measured values and data
- suitable for horizontal domovea visualisation
- connection to KNX system via domovea server
- operating system: OS Android 4.1
- applications (Apps) available in preinstalled Android launcher - without acces to external apps
- integration of door communication functions in the domovea client or the Elcom VideoFON app for IP intercom systems
- multi-touch function for the connection of multiple actions, e.g. to activate a function with simultaneous setting of a function value
- silent, long-lasting convection cooling without fan
- RJ45 Port for LAN connection
- card slot with 8 GB SDHC card
- microphone and loudspeaker with echo suppression
- Mini-USB 2.0 jack e.g. for external storage media or updates on the upper display edge is accessible without dismantling
- 2 USB 2.0 connections on the rear
- for flush mounting and hollow-wall mounting
- for horizontal mounting

Suitable for	Order no.	Page
Flush-mounted housing		page 819
Flush-mounted housing, flush-to-wall		page 820
optional		
Electrical power supply 24 V DC RMD		page 862
KNX power supply 320 mA + 24 V DC, 640 mA RMD		page 862
Berker domovea Server RMD		page 823
Berker domovea set		page 824
Electrical power supply 24 V DC RMD	7591 00 03	775

Design	Order no.	PU
anthracite, 10" Android	7574 01 10	1



Touch Panel 10“ Windows

Auxiliary voltage	24 V=
Power consumption	max. 20 W
TFT screen size	10“
Resolution graphical display	1280 x 800 px
Transmission rate Ethernet	max. 1000 Mbit/s
Processor	2 x 1 GHz
RAM	2 GB
Operating temperature	+5 ... +35 °C
Conductor cross-section (flexible), with wire end sleeve	max. 0.75 mm ²
Conductor cross-section (rigid)	max. 1.5 mm ²
Dimensions (W x H x D)	259.4 x 177 x 67.5 mm
Assembling height	10 mm

- signal and operating panel with touch-sensitive, capacitive TFT colour display in 16:9 format, with Multi touch operation
- for visualisation of domovea software via PC client or other Windows-based applications and for display of preconfigured functions, measured values and data
- suitable for horizontal domovea visualisation
- connection to KNX system possible via a local server e.g. the domovea server
- Visualisation for Berker IP-Control via the IP-Control Starter software
- operating system: Windows 7 embedded, on integrated PC
- Integration of door communication functions via the Elcom VideoFON Client software
- multi-touch function for the connection of multiple actions, e.g. to activate a function with simultaneous setting of a function value
- disabling function for cleaning the user interface
- silent, long-lasting convection cooling without fan
- 2 RJ45 Ports for LAN connection
- internal memory of 64 GB SSD present
- microphone and loudspeaker with echo suppression
- Mini-USB 2.0 jack e.g. for external storage media or updates on the upper display edge is accessible without dismantling
- 2 USB 2.0 connections on the rear
- additional connection for Serial RS232
- for flush mounting and hollow-wall mounting
- for vertical and horizontal mounting

Suitable for	Order no.	Page
Flush-mounted housing		page 819
Flush-mounted housing, flush-to-wall		page 820
optional		
Electrical power supply 24 V DC RMD		page 862
KNX power supply 320 mA + 24 V DC, 640 mA RMD		page 862
Berker domovea Server RMD		page 823
Berker domovea set		page 824
IP control RMD	7571 00 04	821
IP-Control for use-dependent room controllers RMD	7571 00 36	821
Berker domovea server software with USB adapter	7590 00 35	823

Design	Order no.	PU
anthracite, 10" Windows	7574 02 10	1



Touch Panel 16" Windows

Auxiliary voltage	24 V=
Power consumption	max. 20 W
TFT screen size	16"
Resolution graphical display	1366 x 768 px
Transmission rate Ethernet	max. 1000 Mbit/s
Processor	2 x 1 GHz
RAM	2 GB
Operating temperature	+5 ... +35 °C
Conductor cross-section (flexible), with wire end sleeve	max. 0.75 mm ²
Conductor cross-section (rigid)	max. 1.5 mm ²
Dimensions (W x H x D)	377.4 x 231.8 x 66.4 mm
Assembling height	11 mm

- signal and operating panel with touch-sensitive, capacitive TFT colour display in 16:9 format, with Multi touch operation
- for visualisation of domovea software via PC client or other Windows-based applications and for display of preconfigured functions, measured values and data
- suitable for horizontal domovea visualisation
- connection to KNX system possible via a local server e.g. the domovea server
- Visualisation for Berker IP-Control via the IP-Control Starter software
- operating system: Windows 7 embedded, on integrated PC
- Integration of door communication functions via the Elcom VideoFON Client software
- multi-touch function for the connection of multiple actions, e.g. to activate a function with simultaneous setting of a function value
- disabling function for cleaning the user interface
- silent, long-lasting convection cooling without fan
- 2 RJ45 Ports for LAN connection
- internal memory of 32 GB SSD present
- microphone and loudspeaker with echo suppression
- Mini-USB 2.0 jack e.g. for external storage media or updates on the upper display edge is accessible without dismantling
- 2 USB 2.0 connections on the rear
- additional connection for Serial RS232
- for flush mounting and hollow-wall mounting
- for vertical and horizontal mounting

Suitable for	Order no.	Page
Flush-mounted housing		page 819
Flush-mounted housing, flush-to-wall		page 820
optional		
Electrical power supply 24 V DC RMD		page 862
KNX power supply 320 mA + 24 V DC, 640 mA RMD		page 862
Berker domovea Server RMD		page 823
Berker domovea set		page 824
IP control RMD	7571 00 04	821
IP-Control for use-dependent room controllers RMD	7571 00 36	821
Berker domovea server software with USB adapter	7590 00 35	823

Design	Order no.	PU
anthracite, 16" Windows	7574 02 16	1



Flush-mounted housing

- for installation of a Touch Panel
- with cleaning cover
- for flush mounting and hollow-wall mounting
- for vertical and horizontal mounting

Design	Order no.	PU
Flush-mounted housing for 7" touch panel, anthracite, lacquered ¹⁾	7590 01 07	1
Flush-mounted housing for 10" touch panel, anthracite, lacquered ²⁾	7590 01 10	1
Flush-mounted housing for 16" touch panel, anthracite, lacquered ³⁾	7590 01 16	1

¹⁾ Dimensions (W x H x D): 190 x 126 x 47 mm, cavity wall opening (W x H x D): 182 x 117 x 47 mm
²⁾ Dimensions (W x H x D): 260 x 177 x 64 mm, cavity wall opening (W x H x D): 252 x 169 x 64 mm
³⁾ Dimensions (W x H x D): 378 x 233 x 64 mm, cavity wall opening (W x H x D): 370 x 225 x 64 mm



Flush-mounted housing, flush-to-wall

- for flush-to-wall installation of a Touch Panel
- with Push-to-open mechanism for comfortable mounting
- with cleaning cover
- for flush mounting and hollow-wall mounting
- for vertical and horizontal mounting

Design	Order no.	PU
Flush-mounted housing for 7" Touch Panel, flush-to-wall, anthracite, lacquered ¹⁾	7590 02 07	1
Flush-mounted housing for 10" Touch Panel, flush-to-wall, anthracite, lacquered ²⁾	7590 02 10	1
Flush-mounted housing for 16" Touch Panel, flush-to-wall, anthracite, lacquered ³⁾	7590 02 16	1

¹⁾ Dimensions (W x H x D): 197.7 x 133.6 x 74 mm, cavity wall opening (W x H x D): 197.7 x 133.6 x 74 mm

²⁾ Dimensions (W x H x D): 269 x 186 x 74 mm, cavity wall opening (W x H x D): 269 x 186 x 74 mm

³⁾ Dimensions (W x H x D): 387 x 242 x 74 mm, cavity wall opening (W x H x D): 387 x 242 x 74 mm

Berker IP Control



IP Control RMD

Operating voltage	10 ... 30 V=
Power consumption	<= 5 VA
receiptable addresses	32766
RAM	256 MB
Operating temperature	+0 ... +35 °C
Dimensions (W x H x D)	144 x 90 x 64.5 mm
Width of rail mounted device (RMD)	8 modules
Assembling height as from DIN rail	58 mm

New Logic Editor:

- clear graphic display of all links
- graphic editor for automation features
- simple drag & drop configuration
- new, innovative job types
- individual options for grouping for a better overview
- numerous simulation options with leap in time/ timelapse function
- intelligent search, also for group addresses
- import/export of job groups web-based and platform-independent
- configuration possible, without disturbing the ongoing operation

Visualisation element:

CubeVision - visualisation of a building as an animated 3D cube with additional functions (RGB lamp, online weather data, audio streams, etc.)

Product variant for use-independent room control:

IP control (order no. 7571 00 36) including software, with which an assignment plan can be stored, for building services engineering control according to room/building use, e.g. in schools according to timetables or in public buildings according to visiting or working times.

Mobile end devices such as smartphones or tablet computers can access the IP-Control via the internet and can thus access the building control.

Knowledge of the relevant network technology is required for commissioning.

- integrated element library with standard operating elements
- freely configurable graphic operating surface for representation on the PC monitor
- up to 20 operating configurations for different applications
- integration of external control units with JAVA support (e.g. tablet PC) via WLAN
- central operating and visualisation unit for KNX via web browser
- for control and visualisation of e.g. shutters, lights, heating, ventilation, alarm system, sensors
- control of multimedia applications
- control of SONOS sound systems
- creation of light scenes with up to 28 telegrams each
- central functions/scenarios for heating, shutters, illumination, etc. can be configured by end user
- with status LED for operational stand-by, data processing, KNX communication, LAN status
- with week and year timer function
- time updating via Internet NTP server and sending on the KNX
- with event indicator for e.g. status/alarm messages via e-mail
- with S0 interface (electrical pulse counter, operating hours meter, etc.)
- access control: integration of ekey® fingerprint sensors possible
- KNX server to supply up to 15 visualisation clients with KNX data
- operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- remote commissioning / maintenance of KNX systems possible via the Internet (VPN, KNXnet/IP)
- commissioning and programming without ETS, web based via IP Control starter software
- administration of 50 users for the control of access authorisation
- database connection to the memory of utilisation/consumption data of the KNX
- can also be used with Apple Mac OS X
- with integrated controller for logic functions (concatenations, threshold value processing)
- bus connection via connecting terminal
- integration of network cameras possible
- for LAN connection of individual KNX installations
- with USB interface for 1-wire devices (e.g. 1-wire sensors)
- with screw terminals
- RJ45 Port for LAN connection
- configuration tool for installation of IP settings and parameterisations
- support of common web browsers (IE, Chrome, Firefox etc.)
- with updatable Flash-Controller for subsequent function expansions

Suitable for	Order no.	Page
Touch Panel		page 816

Design	Order no.	PU
IP control RMD, light grey	7571 00 04	1
IP-Control for use-dependent room controllers RMD, light grey	7571 00 36	1

Info displays



Bus coupling unit flush-mounted

Operating voltage over bus	21 ... 32 V=	– with programming button and red programming LED
Power consumption, KNX	≈ 100 mW	– as interface between KNX user module and bus line
Operating temperature	-5 ... +45 °C	– bus connection via connecting terminal
Installation depth	23 mm	– without spreader claws

Suitable for optional	Order no.	Page
Blind plug for bus coupling unit	7594 02 ..	866
Design	Order no.	PU
Bus coupling unit flush-mounted	7504 00 01	1



Info display

Operating temperature	-5 ... +45 °C	– to display and initiate actions
Commissioning possible only with ETS2 V1.2a and following versions.		– LC display with illumination
		– with anti-dismantling protection
		– visual/acoustic alarm message, acknowledgeable
		– for max. 48 signalling groups
		– programmable to 1, 2 or 4 lines
		– with piezo signal generator
		– 16 characters per line on max. 12 pages
		– German/English

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 822
Design	Order no.	PU

Design

Berker S.1 | B.3 | B.7

white glossy	7586 00 52	1
polar white glossy	7586 00 59	1
polar white matt	7586 00 89	1
anthracite matt	7586 00 85	1
aluminium matt, lacquered	7586 00 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	7586 00 22	1
polar white velvety	7586 00 29	1
anthracite velvety, lacquered	7586 00 26	1
aluminium matt, lacquered	7586 00 24	1

Berker K.1 | K.5

polar white glossy	7586 00 79	1
anthracite matt, lacquered	7586 00 75	1
aluminium, aluminium anodised	7586 00 71	1
stainless steel, metal matt finish	7586 00 73	1

Berker arsys

white glossy	7586 00 42	1
polar white glossy	7586 00 49	1
light bronze matt, lacquered	7586 00 44	1
stainless steel matt, lacquered	7586 00 43	1



Berker domovea



Berker domovea Server RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V=
Current consumption (operation)	≈ 150 mA
Power consumption (operation)	≈ 1.5 W
RAM	128 MB
Graphics memory	≈ 20 MB
Processor	400 MHz
Operating temperature	+0 ... +45 °C
Dimensions (W x H x D)	105 x 89.8 x 60 mm
Width of rail mounted device (RMD)	6 modules

- for control and visualisation of e.g. shutters, lights, heating, ventilation, alarm system, sensors
- creation of max. 50 sequences from different actions
- user interface can be configured individually for each room with special background images
- KNX server to supply up to 30 visualisation clients simultaneously with KNX data
- configuration tool for installation of IP settings and parameterisations
- with configuration and client software on USB stick
- with status LEDs for LAN status, operational stand-by and connection status to web portal
- selection switch for online/offline mode
- creation of light scenes
- creation of measured value archives and energy consumption visualisation with KNX energy meters
- managing up to 30 users with different access rights
- software update via USB interface on the device
- integration of max. 10 network cameras
- RJ45 Port for LAN connection
- with integrated bus coupling unit
- bus connection via connecting terminal
- with QuickConnect plug-in terminals

Central operating and visualisation unit for KNX installations via client software.

Knowledge of the relevant network technology is required for commissioning.

System requirements: Windows XP | VISTA | 7 | 8 | 10, (32 or 64 bit).

Suitable for	Order no.	Page
Touch Panel		page 816
optional		
Berker domovea licence for remote access	7590 00 34	756
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775
Electrical power supply 24 V DC RMD	7591 00 03	775

Manufacturer product line **Art. no.**
KNX energy meters
 Hager

Design	Order no.	PU
light grey matt	7571 00 05	1



Berker domovea server software with USB adapter

Operating voltage interface via bus	21 ... 32 V=
RAM	128 MB
Graphics resolution	min. 1024 x 768 px
Free hard disk space	min. 500 MB

- user interface can be configured individually for each room with special background images
- for control and visualisation of e.g. shutters, lights, heating, ventilation, alarm system, sensors
- creation of max. 50 sequences from different actions
- KNX server to supply up to 30 visualisation clients simultaneously with KNX data
- creation of light scenes
- creation of measured value archives and energy consumption visualisation with KNX energy meters
- configuration tool for installation of IP settings and parameterisations
- with configuration and client software on USB stick
- managing up to 30 users with different access rights
- integration of max. 10 network cameras
- processor min. 600 MHz
- with USB interface for connecting to the bus
- with connecting cable
- Software solution of the domovea system for installation on a Windows® compatible PC

Central operating and visualisation software for operation via client software.

Knowledge of the relevant network technology is required for commissioning.

System requirements: Windows XP | VISTA | 7 | 8 | 10, (32 or 64 bit).

Suitable for	Order no.	Page
Touch Panel 10" Windows	7574 02 10	754
Touch Panel 16" Windows	7574 02 16	755
optional		
Berker domovea licence for remote access	7590 00 34	756

Manufacturer product line **Art. no.**
KNX energy meters
 Hager

Design	Order no.	PU
Berker domovea server software with USB adapter	7590 00 35	1



Berker domovea licence for remote access

Licence for the activation of the remote access to a domovea server via the web-portal www.domovea.com

- for remote control of the KNX building systems via Berker domovea
- licence data on USB stick

Suitable for	Order no.	Page
Berker domovea Server RMD	7571 00 05	756
Berker domovea server software with USB adapter	7590 00 35	823

Design	Order no.	PU
Berker domovea licence for remote access	7590 00 34	1



Berker domovea set

Width rail mounted devices (RMD) in total 10 modules

Suitable for	Order no.	Page
Touch Panel		page 816

Set consisting of:

- Berker domovea server RMD, order n. 7571 00 05
- Power supply 24 V DC RMD, order no. 7591 00 03
- Berker domovea licence for remote access, order no. 7590 00 34

Knowledge of the relevant network technology is required for commissioning.



Design	Order no.	PU
light grey matt	7571 00 06	1

KNX EnOcean



EnOcean radio wall-transmitter module

Number of radio channels	2
Radio transmission/reception frequency	868.3 MHz
Radio transmission range (free field)	max. 300 m
Radio transmission range (building)	max. 30 m
Ambient temperature	-25 ... +65 °C
Relative humidity (without condensation)	0 ... 95 %

IEC14543-3-10

- single-surface operation in conjunction with suitable radio receivers
- for the transmission of switching, dimming or blind commands to the radio receiver of the EnOcean system
- each channel can be assigned to any number of radio receivers
- provision of transmission energy through conversion of the mechanical energy on button actuation
- batteryless, maintenance-free device without external power supply
- with fitting material
- mounting with frames on even surface, e.g. also for extension of combinations
- for screw or adhesive fixing

Suitable for optional	Order no.	Page
KNX EnOcean Gateway surface-mounted	7563 00 05	825

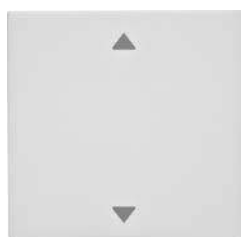
Design	Order no.	PU
EnOcean radio wall-transmitter module	2411 12 00	1



Rocker for EnOcean radio wall-transmitter module

Suitable for	Order no.	Page
EnOcean radio wall-transmitter module	2411 12 00	824


Design	Order no.	PU
Berker S.1 B.3 B.7		
polar white glossy	2411 11 89	10
polar white matt	2411 11 09	10
anthracite matt	2411 11 06	10

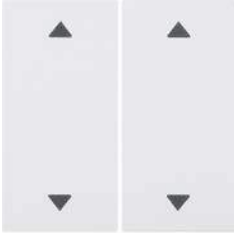


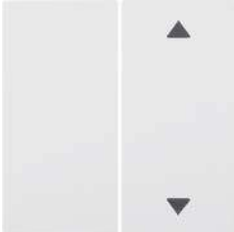
Rocker with imprinted arrows symbol for EnOcean radio wall-transmitter module


Suitable for	Order no.	Page
EnOcean radio wall-transmitter module	2411 12 00	824

Design	Order no.	PU
Berker S.1 B.3 B.7		
polar white glossy	2411 12 89	10
polar white matt	2411 12 09	10
anthracite matt	2411 12 06	10

Rocker 2gang for EnOcean radio wall-transmitter module		Suitable for	Order no.	Page
	Design	EnOcean radio wall-transmitter module	2411 12 00	824
	Berker S.1 B.3 B.7	Order no.		PU
	polar white glossy	2412 11 89		10
	polar white matt	2412 11 09		10
anthracite matt	2412 11 06		10	

Rocker 2gang with imprinted arrows symbol for EnOcean radio wall-transmitter module		Suitable for	Order no.	Page
	Design	EnOcean radio wall-transmitter module	2411 12 00	824
	Berker S.1 B.3 B.7	Order no.		PU
	polar white glossy	2412 12 89		10
	polar white matt	2412 12 09		10
anthracite matt	2412 12 06		10	

Rocker 2gang on one side with imprinted arrows symbol for EnOcean radio wall-transmitter module		<ul style="list-style-type: none"> – with imprinted arrows symbol on a rocker – for controlling e.g. light and blind via a control section 		
	Design	EnOcean radio wall-transmitter module	2411 12 00	824
	Berker S.1 B.3 B.7	Order no.		PU
	polar white glossy	2412 13 89		10
	polar white matt	2412 13 09		10
anthracite matt	2412 13 06		10	

KNX EnOcean Gateway surface-mounted				
	Operating voltage over bus	21 ... 32 V=	– each channel can be configured with different functions	
	Radio transmission/reception frequency	868.3 MHz (ASK)	– EnOcean receiver functions for conversion into KNX telegrams: including switching, dimming, blind, light scene, window contacts, temperature values, brightness values, presence simulation, room control devices	
	Number of function channels	32	– EnOcean transmission functions for the conversion of KNX telegrams: switching, dimming, blind, valve drives	
	Ambient temperature	-5 ... +45 °C	– logic and control functions	
Relative humidity (without condensation)	5 ... 93 %	– teaching-in of the radio components using the buttons and display		
Dimensions (W x H x D)	81 x 81 x 25 mm	– LC display for commissioning and system diagnostics		
Bi-directional gateway for transmission of EnOcean radio signals to the KNX bus or of KNX telegrams into the EnOcean system.		– with programming button and red programming LED		
		– with integrated repeater for EnOcean transmission commands		
		– bus connection via connecting terminal		
		– installation possible on flush-mounted box		
		Suitable for	Order no.	Page
		EnOcean radio wall-transmitter module	2411 12 00	824
Design	Order no.			PU
white	7563 00 05			1

Sensors

Accessories - time switches



Time transmitter RMD

Operating voltage over bus	21 ... 32 V=	– suitable for shade systems with sun level calculation
Lithium cell power reserve [years]	≈ 10	– automatic summer-/winter time change-over (can be switched off)
Dimensions (W x H x D)	36 x 90 x 66 mm	– transmits time and date to the bus
Width of rail mounted device (RMD)	2 modules	– time zone and summer/winter time change-over configurable flexibly
Assembling height as from DIN rail	60 mm	– either Quartz operation or radio synchronisation by DCF77 time signal
		– with red status LED for DCF77 reception

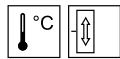
Design	Order no.	PU
light grey	× 7591 00 02	1

KNX motion detector



KNX motion detector module 1.1 m

- internal temperature sensor
- integrated bus coupling unit



Operating voltage over bus	21 ... 32 V=	– with button for automatic/permanent ON/permanent OFF
Current consumption KNX	max. 10 mA	– with 3 operating modes: automatic/permanent ON/permanent OFF
Nominal mounting height	1.1 m	– Master/Slave operation for covering large detection areas
Delay time, adjustable	10 s ... 30 min	– with test mode
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– operating mode display via status LED, red/green/orange
Detection field, rectangular shaped	≈ 12 x 16 m	– specification of the controller operating mode
Operating temperature	-5 ... +45 °C	– integrated temperature sensor with output of the measured values via object
		– integrated button for manual control of bus functions can be configured
		– push-button functions for switching, dimming, blind, value transmitter, scene, priority
		– setting of 1 ... 64 scenes possible
		– two function channels for brightness-dependent functions
		– additional channel for independent of brightness detector mode
		– output of the brightness value via object possible
		– with integrated bus coupling unit
		– bus connection via connecting terminal
		– with spreader claws
		– with dismantling protection

Design	Order no.	PU
Berker S.1 B.3 B.7		

KNX motion detector module 1.1 m	8026 21 80	1
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Berker Q.1 Q.3 Q.7 Q.9, K.1 K.5		
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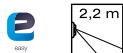
KNX motion detector module 1.1 m	8026 21 70	1
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Berker R.1 | R.3 | R.8

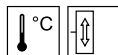
KNX motion detector module 1.1 m	8026 21 60	1
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KNX motion detector module 2.2 m

- internal temperature sensor
- integrated bus coupling unit



Operating voltage over bus	21 ... 32 V=
Current consumption KNX	max. 10 mA
Nominal mounting height	2.2 m
Delay time, adjustable	10 s ... 30 min
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Detection field, rectangular shaped	≈ 8 x 12 m
Operating temperature	-5 ... +45 °C

Automatic triggering of bus functions for movement within the detection area or manual control via integrated button.

Only suitable for indoor areas!

- with button for automatic/permanent ON/permanent OFF
- with 3 operating modes: automatic/permanent ON/permanent OFF
- Master/Slave operation for covering large detection areas
- with test mode
- operating mode display via status LED, red/green/orange
- specification of the controller operating mode
- integrated temperature sensor with output of the measured values via object
- integrated button for manual control of bus functions can be configured
- push-button functions for switching, dimming, blind, value transmitter, scene, priority
- setting of 1 ... 64 scenes possible
- two function channels for brightness-dependent functions
- additional channel for independent of brightness detector mode
- output of the brightness value via object possible
- with integrated bus coupling unit
- bus connection via connecting terminal
- with spreader claws
- with dismantling protection

Design

Order no.

PU

Berker S.1 | B.3 | B.7

KNX motion detector module 2.2 m

8026 22 80

1

Berker Q.1 | Q.3 | Q.7 | Q.9, K.1 | K.5

KNX motion detector module 2.2 m

8026 22 70

1

Berker R.1 | R.3 | R.8

KNX motion detector module 2.2 m

8026 22 60

1



Cover for KNX motion detector module



Design

Suitable for

KNX motion detector module 1.1 m
KNX motion detector module 2.2 m

Order no.

Page
page 826
page 827

Berker S.1 | B.3 | B.7

white glossy

8096 04 52

1

polar white glossy

8096 04 59

1

polar white matt

8096 04 09

1

anthracite, matt

8096 04 85

1

aluminium, matt, lacquered

8096 04 83

1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety

8096 04 22

1

polar white velvety

8096 04 29

1

anthracite velvety, lacquered

8096 04 26

1

aluminium velvety, lacquered

8096 04 21

1

Berker K.1 | K.5

polar white glossy

8096 04 79

1

anthracite, matt

8096 04 75

1

aluminium, matt, lacquered

8096 04 71

1

stainless steel matt, lacquered

8096 04 73

1



Design	Order no.	PU
Berker R.1 R.3 R.8		
polar white glossy	8096 04 60	1
black glossy	8096 04 65	1

Controller sensors

- also suitable as extension unit
- cyclic transmission possible
- with cover to limit detection angle



Bus coupling unit flush-mounted

Operating voltage over bus	21 ... 32 V=	- with programming button and red programming LED
Power consumption, KNX	≈ 100 mW	- as interface between KNX user module and bus line
Operating temperature	-5 ... +45 °C	- bus connection via connecting terminal
Installation depth	23 mm	- without spreader claws

Suitable for optional	Order no.	Page
Blind plug for bus coupling unit	7594 02 ..	866

IP20

Design	Order no.	PU
Bus coupling unit flush-mounted	7504 00 01	1

IR presence detectors

- with potentiometers for fine adjustment of the response brightness and delay time without dismantling
- energy saving by means of presence and brightness-dependent switching of lights, heating etc.
- with integrated bus coupling unit
- with spring clips for ceiling installation



KNX IR presence detector

Operating voltage over bus	21 ... 32 V=	- linking several detectors in order to expand the detection range
Current consumption	10 mA	- bus connection via connecting terminal
Current consumption KNX	typ. 10 mA	

		Suitable for optional	Order no.	Page
Recommended installation height	≈ 2.5 ... 3.5 m	IR hand-held transmitter for presence detector		page 830
Detection angle	360°	IR configuration hand-held transmitter for presence detector		page 830
Detection field Ø, on floor	≈ 7 m	Surface-mounted housing for IR presence detector		page 829
Delay time, adjustable	≈ 1 min ... 1 h			
Brightness measuring range	5 ... 1000 lx			
Operating temperature	-10 ... +45 °C			
Installation opening Ø	60 ... 63 mm			
Installation wall thickness	10 ... 28 mm			
Dimensions (Ø x H)	78 x 70 mm			

IP41

Design	Order no.	PU
polar white matt	7524 10 05	1



KNX IR presence detector multi-channel, 2 zones

Operating voltage over bus	21 ... 32 V=	- linking several detectors in order to expand the detection range
Power consumption, KNX	≈ 315 mW	- functions e.g. switching, dimming, light scenes, forced control
Recommended installation height	≈ 2.5 ... 3.5 m	- with 2 independent zone detections
Detection angle	360°	- with constant light control
Detection field Ø, on floor	≈ 7 m	- bus connection via connecting terminal
Delay time, adjustable	≈ 1 min ... 1 h	
Brightness measuring range	5 ... 1000 lx	

		Suitable for optional	Order no.	Page
Operating temperature	-10 ... +45 °C	IR hand-held transmitter for presence detector		page 830
Installation opening Ø	60 ... 63 mm	IR configuration hand-held transmitter for presence detector		page 830
Installation wall thickness	10 ... 28 mm	Surface-mounted housing for IR presence detector		page 829
Dimensions (Ø x H)	78 x 70 mm			

IP41

Design	Order no.	PU
polar white matt	7524 10 06	1



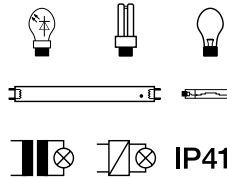
KNX IR presence detector comfort
- integrated switch actuator channel



Operating voltage over bus	21 ... 32 V=
Current consumption	12 mA
Current consumption KNX	typ. 12 mA
230 V LED lamps	20 x 20 W
Energy-saving lamps	20 x 20 W
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1500 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- parallel compensated	1000 W
- with electronical ballast (EB)	1000 W
Recommended installation height	≈ 2.5 ... 3.5 m
Detection angle	360°
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Delay time, adjustable	≈ 1 min ... 1 h
Brightness measuring range	5 ... 1000 lx
Operating temperature	-10 ... +45 °C
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Dimensions (Ø x H)	78 x 70 mm

- linking several detectors in order to expand the detection range
- operating modes: automatic, semiautomatic, test
- with red and green acknowledge/receive LED
- with programming button
- bus connection via connecting terminal
- switch output can be integrated for control via bus or direct connection of loads

Suitable for optional	Order no.	Page
IR hand-held transmitter for presence detector		page 830
IR configuration hand-held transmitter for presence detector		page 830
Surface-mounted housing for IR presence detector		page 829



IP41

The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.

Application areas e.g. office buildings, schools, hotels and nursing homes.

Connection terminals according to IEC 60669-1

Design	Order no.	PU
polar white matt	7524 10 03	1



KNX DALI IR presence detector comfort

Operating voltage over bus	21 ... 32 V=
Current consumption	12 mA
Current consumption KNX	typ. 12 mA
Power consumption, network	≈ 60 mW
Recommended installation height	≈ 2.5 ... 3.5 m
Detection angle	360°
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Delay time, adjustable	≈ 1 min ... 1 h
Brightness measuring range	5 ... 1000 lx
Operating temperature	-10 ... +45 °C
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Dimensions (Ø x H)	78 x 70 mm

- linking several detectors in order to expand the detection range
- with constant light control
- integrated DALI/DSI output (broadcast) for switching/controlling 24 DALI/DSI electronic ballasts

Suitable for optional	Order no.	Page
IR hand-held transmitter for presence detector		page 830
IR configuration hand-held transmitter for presence detector		page 830
Surface-mounted housing for IR presence detector		page 829

IP41

Design	Order no.	PU
polar white matt	7524 10 04	1



Surface-mounted housing for IR presence detector

Dimensions (Ø x H)	75 x 67 mm
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- with cable entry

Suitable for	Order no.	Page
KNX IR presence detector		page 828
KNX DALI IR presence detector comfort	7524 10 04	829
KNX IR presence detector multi-channel, 2 zones	7524 10 06	828

Design	Order no.	PU
polar white matt	1701 05	1



IP30

IR hand-held transmitter for presence detector

▶ 830

Battery service life [years] ≈ 3.5
Dimensions (L x W x H) 120 x 70 x 10 mm

Scope of functions dependent on the controlled presence detector.

Required battery (CR 2032) is included in the scope of delivery.

For control for the lighting connected to the presence detector.

- RC6 code
- additional acknowledgement LED for displaying the IR transmission
- with 4 function buttons (calling up/saving light scene)
- with green "on" and red "off" button (on/off, dimmer function)

Suitable for	Order no.	Page
KNX IR presence detector		page 828
KNX IR presence detector comfort	7524 10 03	829
KNX DALI IR presence detector comfort	7524 10 04	829
KNX IR presence detector multi-channel, 2 zones	7524 10 06	828



Design	Order no.	PU
black matt	7590 40 01	1



IP30

IR configuration hand-held transmitter for presence detector

▶

Dimensions (L x W x H) 111 x 63 x 10 mm
Battery service life [years] ≈ 3.5

Required battery (CR 2032) is included in the scope of delivery.

For convenient configuration of supported presence detectors.

- RC6 code
- additional acknowledgement LED for displaying the IR transmission
- 15 buttons with integrated status-LED
- 3 configuration ranges for control, switch-off delay, brightness threshold
- setting of the brightness threshold manually, by default values or teach-in mode
- default settings can be selected for the brightness threshold daylight, office, corridor
- 2 configuration memories for identical configuration of several presence detectors

Suitable for	Order no.	Page
KNX IR presence detector		page 828
KNX IR presence detector comfort	7524 10 03	829
KNX DALI IR presence detector comfort	7524 10 04	829
KNX IR presence detector multi-channel, 2 zones	7524 10 06	828



Design	Order no.	PU
black matt	7590 40 02	1

KNX thermostat

- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
- with 4 independent binary inputs for potential-free contacts e.g. window magnetic contact
- valve protection can be defined
- behaviour can be defined for bus voltage return
- binary inputs / outputs with screw terminals
- for individual single room temperature control
- for heating and/or cooling mode
- heating or cooling possible in 2 stages
- bus connection via connecting terminal
- for continuous (PI) or switched (2-point) control
- with dismantling protection



KNX thermostat

- **setting knob**
- **integrated bus coupling unit**



Operating voltage over bus	21 ... 32 V=
Output current per channel	max. 0.8 mA
Current consumption KNX	max. 10 mA
Set value control by setting knob	± 0 ... 5 K
Energy efficiency class	IV (2%)
Operating temperature	-5 ... +45 °C
Conductor cross-section (rigid)	1.5 mm ²
Conductor cross-section (flexible)	0.3 ... 1 mm ²
Cable length, inputs/outputs	max. 5 m
Sensor cable length	50 m

- operating modes: comfort, standby, night lowering, frost/heat protection, dewpoint displayed with LED
- with status LEDs: red for heating, blue for cooling and yellow for activation
- with presence button for switching between comfort and standby mode
- with programming button and red programming LED
- presence button and setting knob can be programmed to have no functions
- without spreader claws

Suitable for optional	Order no.	Page
Temperature sensor (33 kΩ)		page 834

Binary input 4 parameter defineable for temperature sensor, order no. 161.

Design	Order no.	PU
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Berker S.1 | B.3 | B.7

white glossy	7544 11 52	1
polar white glossy	7544 11 59	1
polar white matt	7544 11 89	1
anthracite matt	7544 11 85	1
aluminium matt, lacquered	7544 11 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	7544 11 22	1
polar white velvety	7544 11 29	1
anthracite velvety, lacquered	7544 11 26	1
aluminium velvety, lacquered	7544 11 24	1

Berker K.1 | K.5

polar white glossy	7544 11 79	1
anthracite matt, lacquered	7544 11 75	1
aluminium matt, lacquered	7544 11 71	1
stainless steel matt, lacquered	7544 11 73	1

Berker arslys

white glossy	7544 11 42	1
polar white glossy	7544 11 49	1
light bronze matt, lacquered	7544 11 44	1
stainless steel matt, lacquered	7544 11 43	1





KNX object thermostat
- integrated bus coupling unit



Operating voltage over bus	21 ... 32 V=
Output current per channel	max. 0.8 mA
Current consumption KNX	max. 7.5 mA
Energy efficiency class	IV (2%)
Operating temperature	-5 ... +45 °C
Conductor cross-section (rigid)	1.5 mm ²
Conductor cross-section (flexible)	0.3 ... 1 mm ²
Cable length, inputs/outputs	max. 5 m
Sensor cable length	50 m

- operating modes: comfort, standby, night lowering, frost/heat protected, dewpoint
- with programming button and red programming LED
- without spreader claws

Suitable for optional	Order no.	Page
Temperature sensor (33 kΩ)		page 834

Binary input 4 parameter defineable for temperature sensor, order no. 161.

Design	Order no.	PU
--------	-----------	----

Berker S.1 | B.3 | B.7

white glossy	7544 12 52	1
polar white glossy	7544 12 59	1
polar white matt	7544 12 89	1
anthracite matt	7544 12 85	1
aluminium matt, lacquered	7544 12 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	7544 12 22	1
polar white velvety	7544 12 29	1
anthracite velvety, lacquered	7544 12 26	1
aluminium velvety, lacquered	7544 12 24	1

Berker K.1 | K.5

polar white glossy	7544 12 79	1
anthracite matt, lacquered	7544 12 75	1
aluminium, aluminium anodised	7544 12 71	1
stainless steel, metal matt finish	7544 12 73	1

Berker arsys

white glossy	7544 12 42	1
polar white glossy	7544 12 49	1
light bronze matt, aluminium lacquered	7544 12 44	1
stainless steel, metal matt finish	7544 12 43	1





KNX CO₂ sensor with humidity and temperature regulation

- integrated bus coupling unit



Operating voltage over bus	21 ... 32 V=
Current consumption KNX	typ. 12.5 mA
Recommended installation height	≈ 1.5 m
Temperature measuring range, linear	-5 ... +45 °C
Measuring range, humidity	10 ... 95 %
CO ₂ measuring range	0 ... 2000 ppm
Operating temperature	-5 ... +45 °C

Recommendation: Use deep wall box.

For controlling e.g. fans or window drives via KNX telegram.

- binary input functions: Switching, dimming, blind, value transmitter, light scene extension unit
- binary inputs can be blocked in operation
- for measuring and monitoring CO₂ concentration, air humidity and air temperature
- operating modes: comfort, standby, night lowering, frost/heat protected
- an alarm is signalled when the dewpoint is reached in order to prevent the formation of mould e.g. on cooling ceilings or in winter gardens
- up to 4 CO₂-limit values can be set
- compares measured temperature with the set temperature
- up to 2 humid limit values can be set
- with programming button and LED
- without spreader claws

Suitable for optional	Order no.	Page
Temperature sensor (33 kΩ)		page 834
Design	Order no.	PU

Berker S.1 | B.3 | B.7

white glossy	7544 13 52	1
polar white glossy	7544 13 59	1
polar white matt	7544 13 89	1
anthracite matt	7544 13 85	1
aluminium, matt, lacquered	7544 13 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	7544 13 22	1
polar white velvety	7544 13 29	1
anthracite velvety, lacquered	7544 13 26	1
aluminium velvety, lacquered	7544 13 24	1

Berker K.1 | K.5

polar white glossy	7544 13 79	1
anthracite matt, lacquered	7544 13 75	1
aluminium, aluminium anodised	7544 13 71	1
stainless steel, metal matt finish	7544 13 73	1



Physical sensors



IP54

Brightness and temperature sensor surface-mounted

- integrated bus coupling unit



Operating voltage over bus	21 ... 32 V=
Brightness measuring range, linear	1 lx ... 100 klx
Temperature measuring range, linear	-25 ... +55 °C
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	72 x 110 x 54 mm

- 4 independent channels with individual limit values for processing brightness and/or temperature
- logic AND operation of the limit values can be set for each channel
- additional sun protection channel with objects for Venetian blind control
- with integrated bus coupling unit
- bus connection via connecting terminal
- teach object for brightness limit value for each channel

Design	Order no.	PU
polar white	7549 20 02	1

Temperature sensor



Characteristic resistance value at 25 °C	10 kΩ
Operating temperature	-40 ... +80 °C
Sensor cable length	4 m

- as replacement or function extension of KNX products with suitable connection, such as KNX thermostat/ room controller, KNX Touch Control, push-button modules or bus coupling unit (order no. 8014 00 x1 only)

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 782
KNX thermostat		page 796
KNX Touch Control with TFT display	7574 01 01	815
Bus coupling unit flush-mounted	8004 00 ..	740

Design	Order no.	PU
Temperature sensor	160	1





Temperature sensor (33 kΩ)

Characteristic resistance value at 25 °C	33 kΩ
Operating temperature	-20 ... +70 °C
Sensor cable length	4 m

- as replacement or function extension of products with suitable connection, such as thermostat, glass sensors or KNX thermostat

Suitable for	Order no.	Page
Berker R.1 R.3 - Touch sensors comfort		page 799
Berker R.1 R.3 - Touch sensors with thermostat		page 802
Berker TS sensor - Glass sensors comfort		page 811
Berker TS sensor - Glass sensors with thermostat		page 813
KNX thermostat	7544 11 ..	831
KNX object thermostat	7544 12 ..	832

IP67



Design	Order no.	PU
Temperature sensor (33 kΩ)	161	1

Weather stations



KNX weather station with GPS surface-mounted

- integrated bus coupling unit



Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~/=
Rated current (heating incl.)	81 mA
Temperature measuring range, linear	-30 ... +80 °C
Brightness measuring range	0 ... 150000 lx
Measuring range, wind speed	0 ... 35 m/s
Precipitation (Yes/No)	1 bit
Operating temperature	-30 ... +50 °C
Dimensions (W x H x D)	96 x 77 x 118 mm
Weight	≈ 170 g

- with wind, precipitation, twilight, temperature and brightness sensor
- 3 limit values can be set for wind alarm
- for control of shading systems for up to 4 facades
- with automatic summer/winter time change-over
- Reception of date, time and location data via GPS signal
- with heater element for winter operation
- with red programming LED
- with programming button
- with simulation function for commissioning independently of weather conditions
- cyclical transmission behaviour for temperature alarm, brightness, day/night mode, rain alarm and 3 wind alarm levels freely adjustable
- easy commissioning by means of predefined parameters
- predefined parameters when activating heat protection function or heat generation function
- with integrated bus coupling unit
- bus connection via connecting terminal
- with plug-in terminals for power supply
- for wall and mast assembly
- with pipe clamp for mast fixing

Ensure correct orientation and free-standing installation. For detection of wind, precipitation, temperature and brightness as well to process the signals.

Suitable for optional	Order no.	Page
KNX power supply 320 mA + 24 V DC, 640 mA RMD		page 862
Electrical power supply 24 V DC RMD		page 862

Design	Order no.	PU
white transparent	8049 00 02	1

IP44



IP44

KNX Wetterstation Komfort mit GPS AP

- integrated bus coupling unit



Operating voltage	12...40 V~/=
Operating voltage over bus	21 ... 32 V=
Current consumption	81 mA
Temperature measuring range, linear	-30 ... +80 °C
Brightness measuring range	0 ... 150000 lx
Measuring range, wind speed	0 ... 35 m/s
Precipitation (Yes/No)	1 bit
Operating temperature	-30 ... +50 °C
Dimensions (W x H x D)	96 x 77 x 118 mm
Weight	≈ 170 g

Ensure correct orientation and free-standing installation. For detection of wind, precipitation, temperature and brightness as well to process the signals.

- with wind, precipitation, twilight, temperature and brightness sensor
- parameters for rain, night, temperature, wind, brightness, twilight and shading individually adjustable
- with calendar and week timer functions
- for control of shading systems for up to 6 facades
- with automatic summer/winter time change-over
- Reception of date, time and location data via GPS signal
- with heater element for winter operation
- with red programming LED
- with programming button
- delay times and hysteresis adjustable
- Measuring of precipitation, temperature, wind data, brightness
- with 8 logical AND- and OR-logic functions
- with logic gates for linking the limiting value results
- with blocking modules for filtering input objects depending on blocking objects
- with integrated bus coupling unit
- bus connection via connecting terminal
- with plug-in terminals for power supply
- for wall and mast assembly
- with pipe clamp for mast fixing

Suitable for	Order no.	Page
optional		
Electrical power supply 24 V DC RMD		page 862
KNX power supply 320 mA + 24 V DC, 640 mA RMD		page 862
Electrical power supply 24 V DC RMD		page 862

Design	Order no.	PU
white transparent	7549 00 02	1

Analogue inputs



Analogue input 4gang RMD

Auxiliary voltage	24 V~
Frequency	50/60 Hz
Operating voltage over bus	21 ... 32 V=
Voltage, inputs	0-1; 0-10 V
Inputs, current	0-20; 4-20 mA
Sensor output voltage	24 V=
Sensor output current	max. 100 mA
Current consumption	170 mA
Limit values	per channel 2
Input impedance, voltage	18 kΩ
Input impedance, current	100 Ω
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 modules
Assembling height as from DIN rail	63 mm

- for active sensors
- for wind, precipitation, brightness, temperature, twilight as well as humidity and temperature sensor, surface-mounted
- inputs parameterisable can be set individually
- input 4-20 mA will be controlled for wire break
- cyclic transmission or transmission at absolute input modification settable
- with programming button
- extendable with an analogue input module 4gang
- with screw terminals
- with operation and status LED, red/green/orange
- with red programming LED
- bus connection via connecting terminal
- with system interface for analogue input module

Suitable for	Order no.	Page
Power supply 24 V AC RMD	7591 00 01	836
optional		
Analogue input module 4gang	7542 40 04	836

The analogue input is for the registration and treatment of independent analogue sensor signals. Depending on the input signal, limiting value messages can be transmitted via KNX.

Separate 24 V DC auxiliary power supply needed!

Input signals according to DIN IEC 381-1, -2

Design	Order no.	PU
light grey	7541 40 04	1



Analogue input module 4gang

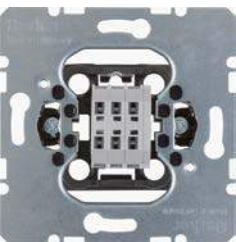
Auxiliary voltage	24 V~	– for active sensors		
Frequency	50/60 Hz	– for wind, precipitation, brightness, temperature, twilight as well as humidity and temperature sensor, surface-mounted		
Operating voltage over bus	21 ... 32 V=	– input 4-20 mA will be controlled for wire break		
Voltage, inputs	0-1; 0-10 V	– as extension for analogue input 4gang		
Inputs, current	0-20; 4-20 mA	– with screw terminals		
Sensor output voltage	24 V=	– with red status LED		
Sensor output current	max. 100 mA			
Current consumption	170 mA			
Limit values	per channel 2			
Input impedance, voltage	18 kΩ			
Input impedance, current	100 Ω			
Operating temperature	-5 ... +45 °C			
Dimensions (W x H x D)	72 x 90 x 70 mm			
Width of rail mounted device (RMD)	4 modules			
Assembling height as from DIN rail	63 mm			
Input signals according to DIN IEC 381-1, -2				
Design	Order no.			Page
light grey	7542 40 04	Analogue input 4gang RMD	Order no. 7541 40 04	835

Supplementary products



Power supply 24 V AC RMD

Operating voltage	230 V~	– for weather station comfort as well as analogue input and actuator 4gang RMD		
Frequency	50/60 Hz	– short-circuit-proof and overload proof (thermal protection)		
Output voltage	24 V~	– with screw terminals		
Output current	max. 1 A			
Operating temperature	-5 ... +45 °C			
Dimensions (W x H x D)	72 x 90 x 70 mm			
Width of rail mounted device (RMD)	4 modules			
Assembling height as from DIN rail	63 mm			
Design	Order no.			Page
light grey	7591 00 01	Analogue input 4gang RMD Analogue actuator 4gang RMD IP router RMD	Order no. 7541 40 04 7551 40 01 7501 00 16	835 857 863



Sensor insert

		– e.g. for temperature sensor PT100		
		– without spreader claws		
		– with plug-in terminals		
Design	Order no.			Page
Sensor insert	7594 10 01			10



Central plate for sensor insert

Caution!		– e.g. for temperature sensor PT100		
Use only with intermediate ring for central plate from the corresponding range.		– with slots for air circulation		
Labelling field cannot be used.				
Design	Order no.			Page
Berker S.1 B.3 B.7, Q.1 Q.3 Q.7 Q.9, K.1 K.5, arsys				
white glossy	7594 04 02			105
polar white glossy	7594 04 09			105
polar white matt/velvety	7594 04 89			105
anthracite, matt	7594 04 85			105
aluminium matt, lacquered	7594 04 83			105
light bronze matt, lacquered	7594 04 04			105
stainless steel matt, lacquered	7594 04 03			105

Universal interfaces

- for the connection of switches, push-buttons, detectors, sensors, key switches and bolt switch contacts to KNX
- with programming button and red programming LED
- with integrated bus coupling unit
- bus connection via connecting terminal



Universal interface 2gang flush-mounted

Operating voltage over bus 21 ... 32 V=
Input scanning voltage per channel 5 V
Operating temperature +0 ... +45 °C
Line length max. 5 m
Dimensions (L x W x H) 38 x 35 x 12 mm

For connection of potential-free contacts, e.g. switches, push-buttons, window contacts, detector contacts or thermostats, for communication into KNX bus system.

- switching functions, dimming functions, blind control functions functions, forced control functions, scene functions, heating functions and timer functions
- ETS additional functions: value transmitter 1 and 2 bytes, 2-channel mode
- with 2 independent binary inputs for potential-free contacts

Design
light grey

Suitable for	Order no.	Page
Berker TS Crystal Push-button, NO contact	1811 1 ..	page 547 546
Order no.		PU
7564 20 02		1



Universal interface 2gang with 2 LED outputs flush-mounted

Operating voltage over bus 21 ... 32 V=
Input scanning voltage per channel 5 V
Operating temperature +0 ... +45 °C
Line length max. 5 m
Dimensions (L x W x H) 38 x 35 x 12 mm

For connection of potential-free contacts, e.g. switches, push-buttons, window contacts, detector contacts or thermostats, for communication into KNX bus system.

- switching functions, dimming functions, blind control functions functions, forced control functions, scene functions, heating functions and timer functions
- ETS additional functions: value transmitter 1 and 2 bytes, 2-channel mode
- with 2 independent binary inputs for potential-free contacts
- with 2 freely parameterisable outputs for LED activation

Design
light grey

Suitable for	Order no.	Page
Berker TS Crystal Push-button, NO contact	1811 1 ..	page 547 546
Order no.		PU
7564 20 03		1



Universal interface 4gang flush-mounted

Operating voltage over bus 21 ... 32 V=
Input scanning voltage per channel 5 V
Operating temperature +0 ... +45 °C
Line length max. 5 m
Dimensions (L x W x H) 38 x 35 x 12 mm

For connection of potential-free contacts, e.g. switches, push-buttons, window contacts, detector contacts or thermostats, for communication into KNX bus system.

- switching functions, dimming functions, blind control functions functions, forced control functions, scene functions, heating functions and timer functions
- ETS additional functions: value transmitter 1 and 2 bytes, 2-channel mode
- with 4 independent binary inputs for potential-free contacts

Design
light grey

Suitable for	Order no.	Page
Berker TS Crystal Push-button, NO contact	1811 1 ..	page 547 546
Order no.		PU
7564 40 02		1



Universal interface 4gang with 4 LED outputs, flush-mounted

Operating voltage over bus 21 ... 32 V=
Input scanning voltage per channel 5 V
Operating temperature +0 ... +45 °C
Line length max. 5 m
Dimensions (L x W x H) 38 x 35 x 12 mm

For connection of potential-free contacts, e.g. switches, push-buttons, window contacts, detector contacts or thermostats, for communication into KNX bus system.

- switching functions, dimming functions, blind control functions functions, forced control functions, scene functions, heating functions and timer functions
- ETS additional functions: value transmitter 1 and 2 bytes, 2-channel mode
- with 4 independent binary inputs for potential-free contacts
- with 4 freely configurable outputs for LED activation

Design
light grey

Suitable for	Order no.	Page
Berker TS Crystal Push-button, NO contact	1811 1 ..	page 547 546
Order no.		PU
7564 40 03		1



Universal interface 8gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 20 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	max. 10 m
Dimensions (W x H x D)	44 x 48 x 32 mm

For connection of potential-free contacts, e.g. switches, push-buttons, window contacts, detector contacts or thermostats, for communication into KNX bus system.

- single and two push-button operation parameterisable
- for switch, push-button, dimmer and shutter functions
- 8 binary inputs, 8 outputs or 4 binary inputs and 4 outputs parameterisable
- with 8 independent binary inputs for potential-free contacts
- extension unit for light scene push-button
- outputs for LEDs, e.g. as status LED
- objects: switching, forced guidance, feedback of respective output (only for application 4 inputs/4 outputs)
- one push-button operation for switching, pushing and dimming
- blind operating concepts short-long-short and long-short parameterisable
- second operating level by object or 3-button handle (only 8-input application)
- dimming / position value transmitter 1 byte
- short-circuit and overload proof (electronic fuse)
- protected against polarity reversal
- with screw terminals

Suitable for	Order no.	Page
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546

Design	Order no.	PU
black	7564 80 01	1

Binary inputs



KNX binary input 230 V AC RMD

Operating voltage over bus	21 ... 32 V=
Input voltage	230 V~
Signal frequency	50/60 Hz
Input cable length	max. 100 m
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Current consumption KNX	max. 4 mA

For connection of 230 V AC power supplied contacts for communication into KNX bus system.

- with programming button and red programming LED
- switching functions, dimming functions, blind control functions, forced control functions, scene functions, heating functions and timer functions
- ETS additional functions: value transmitter 1 and 2 bytes, 2-channel mode
- manual operation can be activated via selection switch
- manual operation per channel via button with integrated status LED, thereby lockout of KNX function
- with integrated bus coupling unit
- bus connection via connecting terminal
- suitable for different external conductors
- with QuickConnect plug-in terminals

Design	Order no.	PU
4 independent binary inputs with separate neutral conductor		
light grey ¹⁾	7521 40 09	1
10 independent binary inputs with separate neutral conductor		
light grey ²⁾	7521 90 00	1



¹⁾ Dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
²⁾ dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules



KNX binary input 6gang RMD 24 ... 230 V V AC/DC

Operating voltage over bus	21 ... 32 V=
Signal voltage	potential-free, 24 ... 230 V~/=
Input cable length	max. 100 m
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	105 x 90 x 65 mm
Width of rail mounted device (RMD)	6 modules
Current consumption KNX	max. 7 mA

- with 6 red status LEDs for display of input states
- with programming button and red programming LED
- switching functions, dimming functions, blind control functions, forced control functions, scene functions, heating functions and timer functions
- ETS additional functions: value transmitter 1 and 2 bytes, 2-channel mode
- manual operation can be activated via selection switch
- manual operation per channel via button with integrated status LED, thereby lockout of KNX function
- with integrated bus coupling unit
- bus connection via connecting terminal
- with 6 independent binary inputs with separate neutral conductor
- suitable for different external conductors
- with QuickConnect plug-in terminals

For connection of potential-free or 24 ... 230 V AC/DC power supplied contacts for communication into KNX bus system.

Design	Order no.	PU
light grey	7521 60 02	1

Actuators

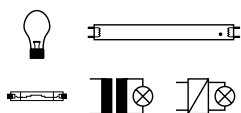
Combination actuators RMD



Room actuator 4/2gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Switching current for electronic outputs	max. 50 mA
Making current	max. 800 A
max. switching capacity at 230 V incandescent lamps	3000 W
230 V halogen lamps	2500 W
Conventional transformers	1200 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1000 W
- parallel compensated	1160 W
- duo circuit	2300 W
Ballasts:	
- Osram EB QT-FH 4 x 14 W	10
- Osram EB QT-FQ 2 x 54 W	11
- Osram EB QTP 2 x 58 W	11
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 modules
Assembling height as from DIN rail	63 mm

- any combined operation from drive and switching functions possible
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- manual operation also possible without bus e.g. on building site
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with 6 red status LEDs and 3 red LEDs as manual actuation indication
- with programming button and red programming LED
- suitable to switch different external conductors
- with 4 potential-free NO contacts as well as normally-closed contact can be parameterised
- 2 additional electronic outputs (Triac) for connecting thermoelectric valve drives 230 V
- 4 outputs for switching from independent loads or activation of 2 drives
- with emergency programme, e.g. for sensor or bus failure
- bus connection via connecting terminal
- with screw terminals




Follow the motor manufacturers' instructions.

Optimised for commissioning with ETS3 from version D, patch A.

Design	Order no.	PU
light grey	7531 40 19	1

Switch actuator/blind actuators RMD

- the following actuators in the pro version stand out from the crowd thanks to the usual, comprehensive range of functions which can be parameterised via the ETS. The easy actuators (order no. TX...) which are also listed are ideally suited for mass applications from a cost-benefit perspective. Their hardware functions are identical to the corresponding pro versions; however, they dispense of an ETS application software with function selection to promote quick and easy commissioning.

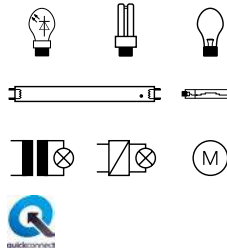
Functionality comparison - pro(fessional) - ETS	 Switch actuators/blind actuators easy RMD: 80 31 .., 8031 90 ..	ETS Switch actuators/blind actuators pro RMD: 7531 .., 7531 90 ..
Switching functions		
- On/off function	■	■
- On/off delay	-	■
- Safety off	-	■
- Timer (interruptible/retriggerable)	■	■
- Switch-off pre-warning	■	■
- Flashing	-	■
- Adjustable as NO contact or NC contact	- (NO contact, fixed)	■
- Presets (with 1 or 2 objects)	-	■
- Blocking functions (with 1 or 2 objects)	-	■
- Priority (2 bit)	■	■
- Configurable manual operation (lock/release/status)	-	■
- Status display with transmission delay	-	■
Blind function		
- Up/Down, slat step/stop (blind function)	■	■
- Up/Down, stop (roller shutter function)	■	■
- Moving to position in %	■	■
- Rotating the slats (0–100%) *	■	■
- Adjustable running time to the top and bottom final position	■	■
Safety functions		
- Max. 3 alarms with defined priorities	-	■
- Max 3. alarms with clear priorities	■	-
- Behaviour during/after alarm	■ /Theoretical status without alarm	■
- Adjustable monitoring time	Fixed, 30 minutes	■
- Safety interlock	-	■
- Safety departure (moves as long as pressed)	-	■
Status messages		
- Position in %	■	■
- Slat position in % *	■	■
- Top final position reached	■	■
- Bottom final position reached	■	■
- Lock-up	■	■
- Priority (2 bit)	■	■
- Alarm	■	■
- Sun protection	-	■
- Safety interlock	-	■
Scene function		
- Max. 64 scenes to select from per output	■	■
- Scenes can be stored with a long button press	■	■
- Store scene action can be adjusted	-	■
- On/off/flashing scene functions	■ No flashing	■
Logic function		
- 2 logic blocks per device	-	■
- Max. 4 inputs per logic block	-	■
- AND logic function	-	■
- OR logic function	-	■
- Automatic (object parallel to switch object)	■	-
special functions		
- "Reset to ETS parameters" object	-	■
- Lockable device LED display	-	■
- Action in the event of bus voltage failure/return	- (Keep status, fixed)	■
- Action during/after ETS download	- (Keep status, fixed)	■



Switch actuator/blind actuator comfort RMD 4 A

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 4 A
230 V incandescent lamps	800 W
230 V halogen lamps	800 W
Electronic transformers	800 W
Fluorescent lamps:	
- uncompensated	800 W
- with electronic ballast (EB)	12 x 36 W
Operating temperature	-5 ... +45 °C
Conventional transformers	800 VA
Energy-saving lamps	per channel max. 6 x 23 W

- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- large labelling field
- any combined operation from drive and switching functions possible
- with illuminated programming button
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation)
- bus connection via connecting terminal
- suitable to switch different external conductors
- with QuickConnect plug-in terminals
- status LED integrated in manual operation button
- for switching of an independent load per actuator channel or activation of a blind drive via two actuator channels each
- with integrated bus coupling unit
- with potential-free normally-open contact as well as normally-closed contact can be parameterised
- with sun shade function



Follow the motor manufacturers' instructions.
For switching of independent loads or activation of drives.

Design	Order no.	PU
4 control channels/2 blind actuator channels		
4-/2gang pro ¹⁾	7531 41 13	1
6 control channels/3 blind actuator channels		
6-/3gang pro ¹⁾	7531 61 02	1
8 control channels/4 blind actuator channels		
8/4gang pro with auxiliary voltage ²⁾	7531 81 02	1
10 control channels/5 blind actuator channels		
10-/5gang pro ²⁾	7531 90 00	1

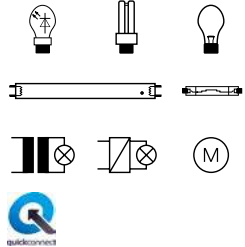


¹⁾ Dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
²⁾ dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules



Switch actuator/blind actuator RMD 10 A

Operating voltage over bus	21 ... 32 V=	– for switching of an independent load per actuator channel or activation of a blind drive via two actuator channels each
Frequency	50/60 Hz	
Switching current at $\cos \phi = 0.8$	max. 10 A	– any combined operation from drive and switching functions possible
230 V LED lamps	per channel max. 12 x 23 W	– manual operation can be activated via selection switch, thereby deactivation of the KNX function
Energy-saving lamps	per channel max. 12 x 23 W	– manual operation per channel using button (single-area operation)
230 V incandescent lamps	1200 W	– status LED integrated in manual operation button
230 V halogen lamps	1200 W	– with illuminated programming button
Conventional transformers	1200 VA	– with positioning function for shutter and blade position
Electronic transformers	1000 W	– with safety functions e.g. for wind, rain, alarm
Fluorescent lamps:		– with potential-free normally-open contact as well as normally-closed contact can be parameterised
- uncompensated	1000 W	– with sun shade function
- with electronical ballast (EB)	15 x 36 W	– large labelling field
Operating temperature	-5 ... +45 °C	– suitable to switch different external conductors
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²	– with integrated bus coupling unit
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²	– bus connection via connecting terminal
Dimensions (W x H x D)	70 x 90 x 65 mm	– with QuickConnect plug-in terminals
Width of rail mounted device (RMD)	4 modules	



Follow the motor manufacturers' instructions.
For switching of independent loads or activation of drives.

Design	Order no.	PU
4 control channels/2 blind actuator channels		
4-/2gang pro ¹⁾	7531 41 14	1
6 control channels/3 blind actuator channels		
6-/3gang pro ¹⁾	7531 61 03	1
6/3gang easy ¹⁾	8031 61 03	1
8 control channels/4 blind actuator channels		
8/4gang pro with auxiliary voltage ²⁾	7531 81 03	1
8/4gang easy with auxiliary voltage ²⁾	8031 81 03	1
10 control channels/5 blind actuator channels		
10-/5gang pro ²⁾	7531 90 01	1
10/5gang easy ²⁾	8031 90 01	1

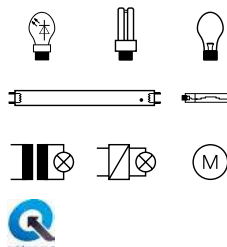


¹⁾ Dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
²⁾ dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules



Switch actuator/blind actuator comfort RMD 16 A

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at $\cos \phi = 0.8$	max. 16 A
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
Electronic transformers	1200 W
Fluorescent lamps:	
- uncompensated	1200 W
- with electronical ballast (EB)	20 x 36 W
Operating temperature	-5 ... +45 °C
Conventional transformers	1600 VA
Energy-saving lamps	per channel max. 18 x 23 W
230 V LED lamps	per channel max. 18 x 23 W



Follow the motor manufacturers' instructions.
For switching of independent loads or activation of drives.

- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- large labelling field
- any combined operation from drive and switching functions possible
- with illuminated programming button
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation)
- bus connection via connecting terminal
- suitable to switch different external conductors
- with QuickConnect plug-in terminals
- status LED integrated in manual operation button
- for switching of an independent load per actuator channel or activation of a blind drive via two actuator channels each
- with integrated bus coupling unit
- with potential-free normally-open contact as well as normally-closed contact can be parameterised
- with sun shade function

Design Order no. PU

4 control channels/2 blind actuator channels

4-/2gang pro ¹⁾ **7531 41 15** 1

6 control channels/3 blind actuator channels

6-/3gang pro ¹⁾ **7531 61 04** 1



8 control channels/4 blind actuator channels

8/4gang pro with auxiliary voltage ²⁾ **7531 81 04** 1



10 control channels/5 blind actuator channels

10-/5gang pro ²⁾ **7531 90 02** 1

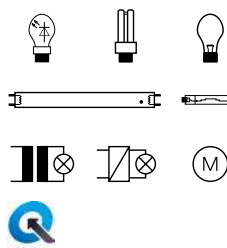


¹⁾ Dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
²⁾ dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules



Switch actuator/blind actuator RMD for C load, 16 A

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at $\cos \phi = 0.8$	max. 16 A
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
Electronic transformers	1200 W
Fluorescent lamps:	
- uncompensated	1200 W
- with electronical ballast (EB)	20 x 36 W
- parallel compensated	1500 W [200 µF]
Operating temperature	-5 ... +45 °C
Conventional transformers	1600 VA
Energy-saving lamps	per channel max. 18 x 23 W
230 V LED lamps	per channel max. 18 x 23 W



Follow the motor manufacturers' instructions.
For switching of independent loads or activation of drives.

- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- large labelling field
- any combined operation from drive and switching functions possible
- with illuminated programming button
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation)
- bus connection via connecting terminal
- suitable to switch different external conductors
- with QuickConnect plug-in terminals
- status LED integrated in manual operation button
- with integrated bus coupling unit
- for switching of an independent load per actuator channel or activation of a blind drive via two actuator channels each
- with potential-free normally-open contact as well as normally-closed contact can be parameterised
- with sun shade function

Design Order no. PU

4 control channels/2 blind actuator channels

4-/2gang pro ¹⁾ **7531 41 16** 1

4/2gang easy ¹⁾ **8031 41 16** 1



6 control channels/3 blind actuator channels

6-/3gang pro ¹⁾	7531 61 05	1
6/3gang easy ¹⁾	8031 61 05	1



8 control channels/4 blind actuator channels

8/4gang pro with auxiliary voltage ²⁾	7531 81 05	1
8/4gang easy with auxiliary voltage ²⁾	8031 81 05	1



10 control channels/5 blind actuator channels

10-/5gang pro ²⁾	7531 90 03	1
10/5gang easy ²⁾	8031 90 03	1

¹⁾ Dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
²⁾ dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules



Switch actuator/blind actuator RMD for C load, 16 A

Operating voltage over bus	21 ... 32 V=	– for switching of an independent load per actuator channel or activation of a blind drive via two actuator channels each
Frequency	50/60 Hz	
Switching current at cos φ = 0.8	max. 16 A	– any combined operation from drive and switching functions possible
230 V LED lamps	per channel max. 25 x 18 W	– manual operation can be activated via selection switch, thereby deactivation of the KNX function
Energy-saving lamps	per channel max. 25 x 18 W	– manual operation per channel using button (single-area operation)
230 V incandescent lamps	2300 W	– status LED integrated in manual operation button
230 V halogen lamps	2300 W	– with illuminated programming button
Conventional transformers	1500 VA	– with positioning function for shutter and blade position
Electronic transformers	1500 W	– with safety functions e.g. for wind, rain, alarm
- with electronical ballast (EB)	20 x 36 W	– with potential-free normally-open contact as well as normally-closed contact can be parameterised
Operating temperature	-5 ... +45 °C	– with sun shade function
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²	– large labelling field
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²	– suitable to switch different external conductors
		– with integrated bus coupling unit
		– bus connection via connecting terminal
		– with screw terminals

Follow the motor manufacturers' instructions.

For switching of independent loads or activation of drives.

Suitable for optional
Comb busbar 6 mm², 8 modules

Order no.
page 865

Design

Order no. PU

16 control channels/8 blind actuator channels

16-/8gang pro ¹⁾	7531 90 04	1
16/8gang easy ^{1) 2)}	8031 90 04	1

20 control channels/10 blind actuator channels

20-/10gang pro ³⁾	7531 90 05	1
20/10gang easy ^{3) 4)}	8031 90 05	1



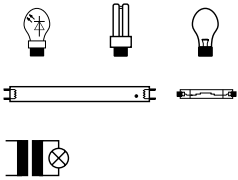
¹⁾ Dimensions (W x H x D): 140 x 90 x 65 mm, 8 modules

²⁾ Permissible total current (per device): max. 176 A, dimensions (W x H x D): 140 x 90 x 65 mm, 8 modules

³⁾ Dimensions (W x H x D): 175 x 90 x 65 mm, 10 module

⁴⁾ Permissible total current (per device): max. 200 A, dimensions (W x H x D): 175 x 90 x 65 mm, 10 modules

Switch actuators RMD



Switch actuator 6gang with current measuring RMD


Frequency	50/60 Hz	- current detection with output of measured values cyclically or if a change occurs
Operating voltage over bus	21 ... 32 V=	- with operating hours meter
Rated current	16 A	- for switching, e.g. of 6 independent loads
Switching current at $\cos \phi = 0.8$	max. 16 A	- suitable to switch different external conductors
max. switching capacity at 230 V incandescent lamps	230 V~	- with illuminated programming button
230 V halogen lamps	2300 W	- manual operation per channel via button with integrated status LED, thereby lockout of KNX function
Electronic transformers	2300 W	- status LED integrated into the manual operation button
Fluorescent lamps:	1380 W	- bus connection via connecting terminal
- uncompensated	800 W	- with potential-free NO contacts as well as NC contact parameterisable
- with electronical ballast (EB)	25 x 18 W	- status LED integrated in manual operation button
230 V LED lamps	200 W	- large labelling field
Operating temperature	-5 ... +45 °C	- with plug-in terminals
Width of rail mounted device (RMD)	6 modules	
Measuring range	0.05 ... 16 A	
Measurement tolerance	< 2%	
Conventional transformers	1600 VA	
- parallel compensated	1000 W, 130 µF	
Energy-saving lamps	per channel max. 25 x 18 W	

For switching of independent loads.

Design	Order no.	PU
light grey	7531 60 17	1

Universal dim actuators RMD

- the following actuators in the pro version stand out from the crowd thanks to the usual, comprehensive range of functions which can be parameterised via the ETS. The easy actuators (order no. TX...) which are also listed are ideally suited for mass applications from a cost-benefit perspective. Their hardware functions are identical to the corresponding pro versions; however, they dispense of an ETS application software with function selection to promote quick and easy commissioning.

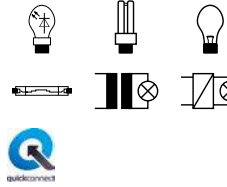
Functionality comparison - pro(fessional) - ETS	 Dim actuators easy RMD 8031 ..	ETS Dim actuators pro RMD 7531 ..
Switching/dimmer functions		
- Relative dimming with dimming time	-	■
- Value for dimming in/out time	■	■
- Dimming value when switching on	-	■
- On/off delay	-	■
- Safety off	-	■
- Timer (value in %, flashing)	-	■
- Timer (interruptible/retriggerable)	■	■
- Switch-off pre-warning	■	■
- Timer duration adjustable via object	-	■
- Presets (with 1 or 2 objects)	-	■
- Blocking functions (with 1 or 2 objects)	-	■
- Priority (2 bit)	■	■
- Configurable manual operation (lock/release/status)	-	■
- Status display with transmission delay after bus return	-	■
Scene function		
- Max. 64 scenes to select from per output	■	■
- Scenes can be stored with a long button press	■	■
- Store scene action can be adjusted	-	■
- On/off/flashing/value in % scene functions	Value in % only	■
Logic function		
- 2 logic blocks per device	-	■
- Max. 4 inputs per logic block	-	■
- AND logic function	-	■
- OR logic function	-	■
- Automatic (object parallel to switch object)	■	-
Special structures		
- Dimmer mode (inductive, capacitive, LED, etc.)	-	■
- Overload	-	■
- Short-circuit	-	■
- Overvoltage	-	■
- Excessive temperature	-	■
- Defective load (no current flow)	-	■
special functions		
- "Reset to ETS parameters" object	-	■
- "Device diagnostics" object	-	■
- Switches off device LED display	-	■
- Dimming value in the event of bus voltage failure/return	- (Keep status, fixed)	■
- Dimming value after ETS download	- (Keep status, fixed)	■
- Dimming value after return of mains supply	-	■
- Operating hour meter	-	■



Universal dim actuator 1gang RMD 300 W

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	60 W
Quantity of dimmable, 230 V LED lamps	max. 8
Dimmable energy-saving lamps	60 W
Quantity energy-saving lamps	max. 8
230 V incandescent lamps and halogen lamps	300 W
Dimmable conventional transformers	300 VA
Electronic transformers	300 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	70 x 90 x 65 mm
Width of rail mounted device (RMD)	4 modules

- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation using button (single-area operation)
- manual operation also possible without bus e.g. on building site
- specification of the load type per channel possible using button on the device
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- status LED integrated in manual operation button
- overheating protection, display using LEDs
- overload protection, display via LED
- with illuminated programming button
- selection switch for manual/bus operation as well as load setting
- large labelling field
- bus connection via connecting terminal
- with QuickConnect plug-in terminals



Do not connect conventional transformers together with electronic transformers to one output.
No connection of various external conductors

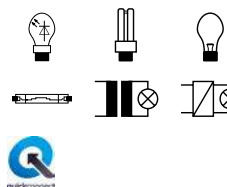
Design	Order no.	PU
light grey, 1gang pro, 300 W	7531 11 11	1
light grey, 1gang easy, 300 W	8031 10 11	1



Universal dim actuator 1gang RMD 600 W

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	120 W
Quantity of dimmable, 230 V LED lamps	max. 10
Dimmable energy-saving lamps	120 W
Quantity energy-saving lamps	max. 8
230 V incandescent lamps and halogen lamps	300 W
Dimmable conventional transformers	600 VA
Electronic transformers	600 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	70 x 90 x 65 mm
Width of rail mounted device (RMD)	4 modules

- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation also possible without bus e.g. on building site
- manual operation per channel using button (single-area operation)
- specification of the load type possible using button on the device
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values settable on device
- status LED integrated in manual operation button
- overheating protection, display using LEDs
- overload protection, display via LED
- with illuminated programming button
- selection switch for manual/bus operation as well as load setting
- large labelling field
- bus connection via connecting terminal
- with QuickConnect plug-in terminals



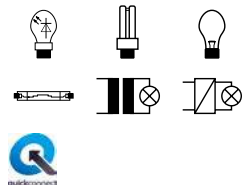
Do not connect conventional transformers together with electronic transformers to one output.
No connection of various external conductors

Design	Order no.	PU
light grey, 1gang pro, 600 W	7531 11 12	1
light grey, 1gang easy, 600 W	8031 10 12	1



Universal dim actuator 2gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	per channel 60 W
Quantity of dimmable, 230 V LED lamps	max. 8
Dimmable energy-saving lamps	per channel 60 W
Quantity energy-saving lamps	max. 8
230 V incandescent lamps and halogen lamps	per channel 300 W
Dimmable conventional transformers	per channel 300 VA
Electronic transformers	per channel 300 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 modules



Do not connect conventional transformers together with electronic transformers.

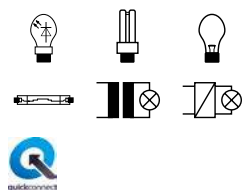
- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation also possible without bus e.g. on building site
- manual operation per channel using button (single-area operation)
- specification of the load type per channel possible using button on the device
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- bulb-preserving soft startup
- load coupling of 2 channels to increase output power using parallel connection of the outputs
- status LED integrated in manual operation button
- overheating protection, display using LEDs
- overload protection, display via LED
- with illuminated programming button
- selection switch for manual/bus operation as well as load setting
- suitable to switch different external conductors
- large labelling field
- with integrated bus coupling unit
- for connection of higher loads outputs can be connected in parallel
- bus connection via connecting terminal
- with QuickConnect plug-in terminals

Design	Order no.	PU
light grey, 2gang pro, 2 x 300 W	7531 21 14	1
light grey, 2gang easy, 2 x 300 W	8031 21 13	1



Universal dim actuator 3gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	per channel 60 W
Quantity of dimmable, 230 V LED lamps	max. 8
Dimmable energy-saving lamps	per channel 60 W
Quantity energy-saving lamps	max. 8
230 V incandescent lamps and halogen lamps	per channel 300 W
Dimmable conventional transformers	per channel 300 VA
Electronic transformers	per channel 300 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	105 x 90 x 65 mm
Width of rail mounted device (RMD)	6 modules



Do not connect conventional transformers together with electronic transformers to one output.

No connection of various external conductors

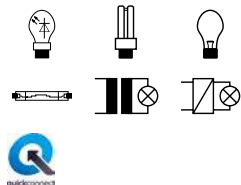
- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation also possible without bus e.g. on building site
- manual operation per channel using button (single-area operation)
- specification of the load type per channel possible using button on the device
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- 1, 2 or 3-channel operation possible
- load coupling of 2 or 3 channels settable to increase output power using selection switch
- status LED integrated in manual operation button
- overheating protection, display using LEDs
- overload protection, display via LED
- with illuminated programming button
- selection switch for manual/bus operation as well as load setting
- large labelling field
- bus connection via connecting terminal
- with QuickConnect plug-in terminals

Design	Order no.	PU
light grey, 3gang pro, 3 x 300 W	7531 31 07	1
light grey, 3gang easy, 3 x 300 W	8031 30 07	1



Universal dim actuator 4gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	per channel 60 W
Quantity of dimmable, 230 V LED lamps	max. 8
Dimmable energy-saving lamps	per channel 60 W
Quantity energy-saving lamps	max. 8
230 V incandescent lamps and halogen lamps	per channel 300 W
Dimmable conventional transformers	per channel 300 VA
Electronic transformers	per channel 300 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	140 x 90 x 65 mm
Width of rail mounted device (RMD)	8 modules



Do not connect conventional transformers together with electronic transformers.

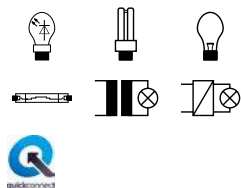
- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation also possible without bus e.g. on building site
- manual operation per channel using button (single-area operation)
- specification of the load type per channel possible using button on the device
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- bulb-preserving soft startup
- load coupling of 2, 3 or 4 channels to increase output power using parallel connection of the outputs
- status LED integrated in manual operation button
- overheating protection, display using LEDs
- overload protection, display via LED
- with illuminated programming button
- selection switch for manual/bus operation as well as load setting
- suitable to switch different external conductors
- large labelling field
- with integrated bus coupling unit
- for connection of higher loads outputs can be connected in parallel
- bus connection via connecting terminal
- with QuickConnect plug-in terminals

Design	Order no.	PU
light grey, 4gang pro, 4 x 300 W	7531 41 24	1
light grey, 4gang easy, 4 x 300 W	8031 41 24	1



Universal dim actuator 4gang pro RMD 600 W

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V LED lamps	per channel 120 W
Quantity of dimmable, 230 V LED lamps	max. 10
Dimmable energy-saving lamps	per channel 120 W
Quantity energy-saving lamps	max. 8
230 V incandescent lamps and halogen lamps	per channel 600 W
Dimmable conventional transformers	per channel 600 VA
Electronic transformers	per channel 600 W
Operating temperature	-5 ... +45 °C
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²
Dimensions (W x H x D)	175 x 90 x 65 mm
Width of rail mounted device (RMD)	10 modules



Do not connect conventional transformers together with electronic transformers.

- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation also possible without bus e.g. on building site
- manual operation per channel using button (single-area operation)
- specification of the load type per channel possible using button on the device
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- bulb-preserving soft startup
- load coupling of 2, 3 or 4 channels to increase output power using parallel connection of the outputs
- status LED integrated in manual operation button
- overheating protection, display using LEDs
- overload protection, display via LED
- with illuminated programming button
- selection switch for manual/bus operation as well as load setting
- suitable to switch different external conductors
- large labelling field
- with integrated bus coupling unit
- for connection of higher loads outputs can be connected in parallel
- bus connection via connecting terminal
- with QuickConnect plug-in terminals

Design	Order no.	PU
light grey, 4gang pro, 4 x 600 W	7531 41 25	1

1 - 10 V/DALI interfaces



1 - 10 V control unit 3gang RMD

Operating voltage over bus	21 ... 32 V=	– for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
Switching current	16 A	– with red programming LED and red status LED
Control current	per channel 100 mA	– with manual selection switch per channel for on/off and status indication
Capacitive load	1000 W, 140 µF	– with programming button
OSRAM EB:		– manual operation also possible without bus e.g. on building site
- QT-FH 1 x 28 W	17	– suitable to switch different external conductors
- QT-FH 2 x 28 W	17	– with potential-free NO contacts
- QT-FQ 2 x 80 W	11	– bus connection via connecting terminal
Operating temperature	-5 ... +45 °C	– with screw terminals
Input cable length	max. 500 m with 0.5 mm ²	
Dimensions (W x H x D)	72 x 90 x 65 mm	
Assembling height as from DIN rail	58 mm	
Width of rail mounted device (RMD)	4 modules	

Interface according to DIN EN 61347-2-3

Design	Order no.	PU
light grey	7531 30 05	1



KNX DALI gateway RMD

Operating voltage	110/240 V~	– for switching and controlling electr. ballasts and Tronic transformer with DALI interface
Operating voltage over bus	21 ... 32 V=	– setting of 16 effects with up to 16 steps for dynamic lighting control
Frequency	50/60 Hz	– integration of the device into DALI emergency lighting systems conforming to IEC 62386-101 with settings and monitoring of emergency mode
DALI voltage	16 V=	– a maximum of 64 DALI devices/individually addressable channels in a maximum of 32 groups and a maximum of 16 light scenes
Conductor cross-section (rigid)	max. 0.75...2.5 mm ²	– as DALI master and power supply for DALI devices
Conductor cross-section (flexible)	max. 0.75 ... 2.5 mm ²	– master control of all connected DALI components possible (Broadcast)
Operating temperature	+5 ... +45 °C	– 2 digit red LED display for group indication in manual operation
Dimensions (W x H x D)	72 x 90 x 70 mm	– 4 manual operation buttons for on/off (brighter/darker) and bus function on/off per channel / device
Assembling height as from DIN rail	63 mm	– with programming button and red programming LED
Width of rail mounted device (RMD)	4 modules	– manual operation also possible without bus e.g. on building site
Groups 1 to 16 can be implemented with up to 64 devices; groups 17-32 with up to 2 devices.		– with integrated bus coupling unit
		– bus connection via connecting terminal
		– with screw terminals

Design	Order no.	PU
KNX DALI gateway RMD	× 7571 00 15	1

New



KNX DALI Gateway Tunable White RMD

Operating voltage	110/240 V~
Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
DALI voltage	16 V=
Conductor cross-section (rigid)	max. 0.75...2.5 mm ²
Conductor cross-section (flexible)	max. 0.75 ... 2.5 mm ²
Operating temperature	+5 ... +45 °C
Dimensions (W x H x D)	72 x 90 x 70 mm
Assembling height as from DIN rail	63 mm
Width of rail mounted device (RMD)	4 modules

Groups 1 to 16 can be implemented with up to 64 devices; groups 17-32 with up to 2 devices.

Available from September 2018!

- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- setting of 16 effects with up to 16 steps for dynamic lighting control
- Colour temperature setting for DALI device type 8 luminaires for tunable white according to IEC 62386-209
- integration of the device into DALI emergency lighting systems conforming to IEC 62386-101 with settings and monitoring of emergency mode
- a maximum of 64 DALI devices/individually addressable channels in a maximum of 32 groups and a maximum of 16 light scenes
- as DALI master and power supply for DALI devices
- master control of all connected DALI components possible (Broadcast)
- 2 digit red LED display for group indication in manual operation
- 4 manual operation buttons for on/off (brighter/darker) and bus function on/off per channel / device
- with programming button and red programming LED
- manual operation also possible without bus e.g. on building site
- with integrated bus coupling unit
- bus connection via connecting terminal
- with screw terminals

Design	Order no.	PU
KNX DALI Gateway Tunable White RMD	★ 7571 00 16	1

Blind actuators RMD

- the following actuators in the pro version stand out from the crowd thanks to the usual, comprehensive range of functions which can be parameterised via the ETS. The easy actuators (order no. TX...) which are also listed are ideally suited for mass applications from a cost-benefit perspective. Their hardware functions are identical to the corresponding pro versions; however, they dispense of an ETS application software with function selection to promote quick and easy commissioning.

Functionality comparison - pro(fessional) - ETS	Blind/roller shutter actuators easy RMD 8031 41 .., 8031 81 08, 8031 90 10	ETS Blind/roller shutter actuators pro RMD 7531 4 .., 7531 81 .., 7531 90 10
Basic functions		
- Up/Down, slat step/stop (blind function)	■	■
- Up/Down, stop (roller shutter function)	■	■
- Moving to position in %	■	■
- Rotating the slats (0–100%) *	■	■
- Adjustable running time to the top and bottom final position	■	■
- Presets (with 1 or 2 objects)	-	■
- Blocking functions (with 1 or 2 objects)	-	■
- Priority (2 bit)	■	■
- Configurable manual operation (lock/release/status)	-	■
- Lockable solar protection on a permanent/limited basis	-	■
Safety functions		
- Max. 3 alarms with defined priorities	-	■
- Max 3. alarms with clear priorities	■	-
- Behaviour during/after alarm	■ /Theoretical status without alarm	■
- Adjustable monitoring time	Fixed, 30 minutes	■
- Safety interlock	-	■
- Safety departure (moves as long as pressed)	-	■
Status messages		
- Position in %	■	■
- Slat position in % *	■	■
- Top final position reached	■	■
- Bottom final position reached	■	■
- Lock-up	■	■
- Priority (2 bit)	■	■
- Alarm	■	■
- Sun protection	-	■
- Safety interlock	-	■
Scene function		
- Max. 64 scenes to select from per output	■	■
- Scenes can be stored with a long button press	■	■
- Store scene action can be adjusted	-	■
- Up/down/specific position scene functions	■	■
Logic function		
- 2 logic blocks per device	-	■
- Max. 4 inputs per logic block	-	■
- AND logic function	-	■
- OR logic function	-	■
- Automatic (object parallel to switch object)	■	-
special functions		
- "Reset to ETS parameters" object	-	■
- Switches off device LED display	-	■
- "Device diagnostics" object	-	■
- Action in the event of bus voltage failure/return	- (Keep status, fixed)	■

* **Roller shutter actuators have no slat function**



(M)

Blind actuator 4gang RMD 24 V DC

Operating voltage over bus 21 ... 32 V=
Switching current at 24 V= max. 6 A
Operating temperature -5 ... +45 °C
Width of rail mounted device (RMD) 4 modules

Follow the motor manufacturers' instructions.

- for activation of max. 4 independent DC drives
- status LED integrated in manual operation button
- with illuminated programming button
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation)
- large labelling field
- switching time on change of direction programmable
- bus connection via connecting terminal
- with QuickConnect plug-in terminals
- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- 4 manual operation buttons for up/down per channel/device
- operating mode can be set for roller shutter/awning
- for activation of a DC drive per actuator channel
- with sun shade function
- with integrated bus coupling unit

Suitable for optional	Order no.	Page
Electrical power supply 24 V DC RMD	7591 00 03	775
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775

Design Order no. PU

Blind actuator channels for 4 DC drives

light grey, 4gang pro	7531 41 11	1
light grey	8031 41 11	1



(M)

Blind actuator RMD 230 V AC

Operating voltage over bus 21 ... 32 V=
Frequency 50/60 Hz
Switching current at cos φ = 0.8 max. 6 A
Operating temperature -5 ... +45 °C

Follow the motor manufacturers' instructions.

- with illuminated programming button
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation)
- switching time on change of direction programmable
- suitable to switch different external conductors
- bus connection via connecting terminal
- with QuickConnect plug-in terminals
- status LED integrated in manual operation button
- large labelling field
- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- with sun shade function
- for activation of an AC drive per actuator channel
- with manual operation button for up/down per channel

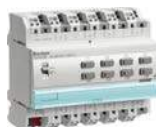
Design Order no. PU

Blind actuator channels for 4 AC drives

light grey, 4gang pro ¹⁾	7531 41 19	1
light grey, 4gang easy ¹⁾	8031 41 19	1

Blind actuator channels for 8 AC drives

light grey, 8gang pro ²⁾	7531 81 08	1
light grey, 8gang easy ²⁾	8031 81 08	1



¹⁾ Dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules

²⁾ dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules



Blind actuator 12gang RMD 230 V AC

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at $\cos \phi = 0.8$	max. 6 A
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	175 x 90 x 65 mm
Width of rail mounted device (RMD)	10 modules

Follow the motor manufacturers' instructions.

- for activation of max. 12 independent 230 V~ drives
- for activation of an AC drive per actuator channel
- with manual operation button for up/down per channel
- operating mode can be set for blind, shutter/awning or ventilation flap
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation)
- with illuminated programming button
- 6 manual operation buttons for up/down per channel/device
- status LED integrated in manual operation button
- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- with sun shade function
- switching time on change of direction programmable
- selection switch for manual/bus operation and second operating level
- large labelling field
- suitable to switch different external conductors
- with integrated bus coupling unit
- bus connection via connecting terminal
- with screw terminals



Design	Order no.	PU
Blind actuator channels for 12 AC drives		
light grey, 12gang pro	7531 90 10	1
light grey, 12gang easy	8031 90 10	1

Roller shutter actuators RMD



Roller shutter actuator 4gang RMD 24 V DC

Operating voltage over bus	21 ... 32 V=
Switching current at 24 V=	max. 6 A
Operating temperature	-5 ... +45 °C
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²
Width of rail mounted device (RMD)	4 modules
Current consumption KNX	typ. 5.2 mA

Follow the motor manufacturers' instructions.

- for activation of max. 4 independent DC drives
- status LED integrated in manual operation button
- operating mode only roller shutters
- with illuminated programming button
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation)
- large labelling field
- switching time on change of direction programmable
- bus connection via connecting terminal
- with QuickConnect plug-in terminals
- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- 4 manual operation buttons for up/down per channel/device
- status LED integrated into the manual operation button
- with sun shade function
- with integrated bus coupling unit



Suitable for optional	Order no.	Page
Electrical power supply 24 V DC RMD	7591 00 03	775
KNX power supply 320 mA + 24 V DC, 640 mA RMD	7501 00 20	775

Design	Order no.	PU
Roller shutter actuator channels for 4 DC drives		
4gang	7531 41 18	1



(M)

Roller shutter actuator RMD 230 V AC

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at $\cos \phi = 0.8$	max. 6 A
Operating temperature	-5 ... +45 °C
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²

Follow the motor manufacturers' instructions.

- for activation of an AC drive per actuator channel
- with manual operation button for up/down per channel
- with positioning function for shutter and blade position
- with safety functions e.g. for wind, rain, alarm
- with sun shade function
- status LED integrated in manual operation button
- status LED integrated into the manual operation button
- operating mode only roller shutters
- with illuminated programming button
- manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation)
- large labelling field
- with integrated bus coupling unit
- switching time on change of direction programmable
- suitable to switch different external conductors
- bus connection via connecting terminal
- with QuickConnect plug-in terminals

Design	Order no.	PU
Roller shutter actuator channels for 4 AC drives		
4gang ¹⁾	7531 40 23	1
Roller shutter actuator channels for 8 AC drives		
8gang, with auxiliary voltage ²⁾	7531 81 07	1

¹⁾ Dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
²⁾ dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules

HVAC actuators RMD



Heating actuator 6gang Triac RMD, 24 V/230 V AC

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	110 ... 230 V~
Frequency	50/60 Hz
Switching voltage	24 / 230 V~
Switching current	5 ... 160 mA
Input current	max. 1.5 A
Power consumption, KNX	≈ 250 mW
Power consumption (standby)	0.4 W
Power consumption (operation)	1 VA
Actuators, 24 V	max. 2
Actuators per channel	max. 4
Operating temperature	-5 ... +45 °C
Conductor cross-section (rigid)	0.5 ... 4 mm ²
Conductor cross-section (flexible), with wire end sleeve	0.4 ... 2.5 mm ²
Conductor cross-section (flexible), without wire end sleeve	0.5 ... 4 mm ²
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 modules

Valve drives of the same operating voltage must be connected to all actuator channels.

- for switching thermoelectric valve drives for heating systems or cooling ceilings
- type of actuator (currentless closed/open) adjustable
- for valve drive 230 V or actuator drive 24 V
- with programming button and red programming LED
- blocking function can be activated per actuator output via manual operation buttons or bus
- with valve protection function
- for individual single room temperature control
- control process PWM or 2-point (on/off) can be selected
- with red status LED per actuator channel
- feedback via bus, e.g. in the event of overload, power or sensor failure
- various setpoint presettings for forced control or emergency mode in the event of bus failure adjustable for summer and winter time
- 4 manual operation buttons for open/close per actuator channel as well as all open/close
- short-circuit proof and overload proof (display using LEDs)
- bus connection via connecting terminal
- with screw terminals

Design	Order no.	PU
light grey	7531 62 03	1

KNX ETS

New



KNX heating actuator, 6gang, Triac RMD, 24 V/230 V AC

Operating voltage over bus	21 ... 32 V=	– for switching thermoelectric valve drives for heating systems or cooling ceilings
Auxiliary voltage	110 ... 230 V~	– type of actuator (currentless closed/open) adjustable
Frequency	50/60 Hz	– for valve drive 230 V or actuator drive 24 V
Switching current	5 ... 160 mA	– with programming button and red programming LED
Power consumption, KNX	≈ 250 mW	– blocking function can be activated per actuator output via manual operation buttons or bus
Power consumption (standby)	0.4 W	– with valve protection function
Power consumption (operation)	1 W	– for individual single room temperature control
Actuators, 24 V	max. 2	– control process PWM or 2-point (on/off) can be selected
Actuators per channel	max. 4	– with 6 red status LEDs and 3 red LEDs as manual actuation indication
Operating temperature	-5 ... +45 °C	– feedback via bus, e.g. in the event of overload, power or sensor failure
Conductor cross-section (rigid)	0.5 ... 4 mm ²	– various setpoint presettings for forced control or emergency mode in the event of bus failure adjustable for summer and winter time
Conductor cross-section (flexible), with wire end sleeve	0.4 ... 2.5 mm ²	– 4 manual operation buttons for open/close per actuator channel as well as all open/close
Conductor cross-section (flexible), without wire end sleeve	0.5 ... 4 mm ²	– short-circuit proof and overload proof (display using LEDs)
Dimensions (W x H x D)	72 x 90 x 65 mm	– bus connection via connecting terminal
Width of rail mounted device (RMD)	4 modules	– with screw terminals

Valve drives of the same operating voltage must be connected to all actuator channels.

Suitable for optional	Order no.	Page
Housing for heating actuator surface-mounted		page 857

Design	Order no.	PU
KNX heating actuator, 6gang, Triac easy RMD, 24 V/230 V AC, light grey, 6gang Triac pro	★ 7531 63 03	1
Heating actuator, 6gang, Triac easy RMD, 24 V/230 V AC, light grey, 6gang Triac easy	★ 8031 63 03	1

New



KNX heating actuator 6gang Triac RMD with controller, 24 V/230 V AC

Operating voltage over bus	21 ... 32 V=	– for switching thermoelectric valve drives for heating systems or cooling ceilings
Auxiliary voltage	110 ... 230 V~	– type of actuator (currentless closed/open) adjustable
Frequency	50/60 Hz	– for valve drive 230 V or actuator drive 24 V
Switching current	5 ... 160 mA	– with programming button and red programming LED
Power consumption, KNX	≈ 250 mW	– blocking function can be activated per actuator output via manual operation buttons or bus
Power consumption (standby)	0.4 W	– with valve protection function
Power consumption (operation)	1 W	– for individual single room temperature control
Actuators, 24 V	max. 2	– control process PWM or 2-point (on/off) can be selected
Actuators per channel	max. 4	– with 6 red status LEDs and 3 red LEDs as manual actuation indication
Operating temperature	-5 ... +45 °C	– feedback via bus, e.g. in the event of overload, power or sensor failure
Conductor cross-section (rigid)	0.5 ... 4 mm ²	– various setpoint presettings for forced control or emergency mode in the event of bus failure adjustable for summer and winter time
Conductor cross-section (flexible), with wire end sleeve	0.4 ... 2.5 mm ²	– 4 manual operation buttons for open/close per actuator channel as well as all open/close
Conductor cross-section (flexible), without wire end sleeve	0.5 ... 4 mm ²	– short-circuit proof and overload proof (display using LEDs)
Dimensions (W x H x D)	72 x 90 x 65 mm	– bus connection via connecting terminal
Width of rail mounted device (RMD)	4 modules	– with screw terminals

Valve drives of the same operating voltage must be connected to all actuator channels.

Suitable for optional	Order no.	Page
Housing for heating actuator surface-mounted		page 857

Design	Order no.	PU
KNX heating actuator 6gang Triac pro RMD with controller, 24 V/230 V AC, light grey, 6gang Triac pro, with controller	★ 7531 64 03	1
Heating actuator 6gang Triac pro RMD with controller, 24 V/230 V AC, light grey, 6gang Triac easy, with controller	★ 8031 64 03	1



Fan coil actuator 2gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
Conventional transformers	1200 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1000 W
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 modules

- for the electric activation of fan convectors
- activation of 1 or 2 fan channels with 6 or 3 fan stages
- for converting RTR control variables into valve positions, fan stages
- manual activation of blow fans using push-buttons or the operating panel
- 4 manual operation buttons for controlling fan stages and bus function on/off
- operating modes heating, cooling or heating and cooling
- with programming button and red programming LED
- manual operation also possible without bus e.g. on building site
- with 8 red status LEDs and 3 red LEDs as manual actuation indication
- use of free channels to control switching loads
- bus connection via connecting terminal
- with screw terminals

Comply with the fan convector manufacturer's instructions.
Optimised for commissioning with ETS3 from version D, patch A.

Design	Order no.	PU
light grey	7531 20 12	1

New



Housing for heating actuator surface-mounted

Operating temperature	-5 ... +45 °C
NF EN 60760-24	

- with fitting material
- for 1 cable 3 x 2.5 mm²
- for 2 cables 2 x 2 x 0.8 mm²
- for 24 cables 2 x 0.5 mm²
- with push-out cable entries at bottom
- with strain relief
- for wall and ceiling mounting
- for installation in heating manifold

Design	Order no.	PU
polar white	★ 8090 64 03	1

Analogue actuators RMD



Analogue actuator 4gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Frequency	50/60 Hz
Output load voltage	> 1 kΩ
Voltage, outputs	0 ... 1; 0 ... 10 V
Output current per channel	max. 20 mA
Current consumption	max. 170 mA
Outputs current	0 ... 20, 4 ... 20 mA
Output load current	< 500 Ω
Forced controls (1-bit objects)	per channel 2
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	72 x 90 x 70 mm
Assembling height as from DIN rail	63 mm
Width of rail mounted device (RMD)	4 modules

- with green/red status LED (operation/fault)
- with red programming LED
- channels can be adjusted independently
- with programming button
- expandable with 4gang analogue actuator module
- bus connection via connecting terminal
- initial status via status- and/or switch object evaluable
- with 4 independant analogue outputs
- cyclic supervision of the outputs
- with screw terminals
- with system interface for analogue actuator module

Suitable for	Order no.	Page
Power supply 24 V AC RMD	7591 00 01	836

The analogue actuator receives KNX telegrams and converts them into current and/or voltage signals, e.g. for heating, air conditioning and ventilation systems.


Separate 24 V DC auxiliary power supply needed!

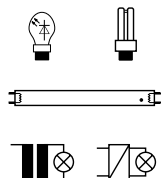
Output signals according to DIN IEC 381

Design	Order no.	PU
light grey	7551 40 01	1

Actuators flush-mounted

- the following actuators in the pro version stand out from the crowd thanks to the usual, comprehensive range of functions which can be parameterised via the ETS. The easy actuators (order no. TX...) which are also listed are ideally suited for mass applications from a cost-benefit perspective. Their hardware functions are identical to the corresponding pro versions; however, they dispense of an ETS application software with function selection to promote quick and easy commissioning.

Functionality comparison - pro(fessional) - ETS Blind functions	 Switch actuator/blind actuators flush-mounted easy 8034 20 12, 8034 10 12 (2 binary inputs)	ETS Switch actuator/blind actuators pro flush-mounted 7534 20 12, 7534 10 12 (2 binary inputs)
Basic functions		
- Up/Down, slat step/stop (blind function)	■	■
- Up/Down, stop (roller shutter function)	■	■
- Moving to position in %	■	■
- Rotating the slats (0–100%) *	■	■
- Adjustable running time to the top and bottom final position	■	■
- Presets (with 1 or 2 objects)	-	■
- Blocking functions (with 1 or 2 objects)	-	■
- Priority (2 bit)	■	■
- Configurable manual operation (lock/release/status)	-	■
- Lockable solar protection on a permanent/limited basis	-	■
Safety functions		
- Max. 3 alarms with defined priorities	-	■
- Max 3. alarms with clear priorities	■	-
- Behaviour during/after alarm	■ /Theoretical status without alarm	■
- Adjustable monitoring time	Fixed, 30 minutes	■
- Safety interlock	-	■
- Safety departure (moves as long as pressed)	-	■
Status messages		
- Position in %/Slat position in %	■	■
- – Upper/Lower final position reached	■	■
- Lock-up	-	■
- Priority (2 bit)	■	■
- Alarm	■	■
- Sun protection	-	■
- Safety interlock	-	■
Scene function		
- Max. 64 scenes to select from per output	■	■
- Scenes can be stored with a long button press	■	■
- Store scene action can be adjusted	-	■
- Up/down/specific position scene functions	■	■
Logic function		
- 2 logic blocks per device	-	■
- Max. 4 inputs per logic block	-	■
- AND/OR logic function	-	■
- Automatic (object parallel to switch object)	■	-
special functions		
- “Reset to ETS parameters” object	-	■
- Switches off device LED display	-	■
- “Device diagnostics” object	-	■
- Action in the event of bus voltage failure/return	- (Keep status, fixed)	■
Function of the inputs	8034 10 12 only	7534 10 12 only
- – Toggle (togging)	■	■
- Switching	■	■
- Timer	■	■
- Roller shutter/blind	■	■
- Dimming	■	■
- Heating	■	■
- Priority	■	■
- Scenes	■	■
- Alarm	■	■
- Deactivate automatic	■	■
- Load shedding	■	■
- Window contact	■	■
- Tariff	■	■



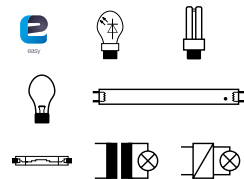
Switch actuator/blind actuator 2/1gang flush-mounted

Operating voltage over bus	21 ... 32 V=	- with positioning function for shutter and blade position
Bus current consumption (data transfer)	≈ 7 mA	- with safety functions e.g. for wind, rain, alarm
Switching current at cos φ = 0.8	max. 6 A	- with sun shade function
max. switching capacity at 230 V LED lamps	230 V~ 5 x 13 W	- manual operation in test mode via programming button (single-area operation)
Energy-saving lamps	5 x 13 W	- test mode/building site mode can be activated via programming button
230 V incandescent lamps	500 W	- for activation of a drive for alternating current
230 V halogen lamps	500 W	- switching time on change of direction programmable
Conventional transformers	500 VA	- with illuminated programming button
Electronic transformers	500 W	- for switching e.g. 2 independent loads or activation of a drive
Fluorescent lamps:		- with potential-free NO contact as well as NC contact parameterisable
- uncompensated	500 VA	- installation in flush-mounted or splash-protected junction box
- with electronical ballast (EB)	6 x 48 W	- with integrated bus coupling unit
Operating temperature	-5 ... +45 °C	- bus connection via connecting terminal
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²	- with screw terminals
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²	
Dimensions (W x H x D)	44 x 43 x 22.5 mm	

Follow the motor manufacturers' instructions.

Optimised for commissioning with ETS3 from version D, patch A.

Design	Order no.	PU
2 switch actuator channels/1 blind actuator channel for AC drive		
light grey, 2-/1gang pro	7534 20 12	1
light grey, 2/1gang easy	8034 20 12	1



Switch actuator/blind actuator 2/1gang pro + binary input 2gang flush-mounted 6 A

Operating voltage over bus	21 ... 32 V=	- with positioning function for shutter and blade position
Input scanning voltage	per channel 12 V=	- with safety functions e.g. for wind, rain, alarm
Bus current consumption (data transfer)	≈ 7 mA	- with sun shade function
Switching current at cos φ = 0.8	max. 6 A	- binary input functions: Switching, dimming, blind, value transmitter, scene, forced control, timer operation, subplate, 2-channel mode
max. switching capacity at 230 V LED lamps	230 V~ 5 x 13 W	- manual operation in test mode via programming button (single-area operation)
Energy-saving lamps	5 x 13 W	- test mode/building site mode can be activated via programming button
230 V incandescent lamps	500 W	- for activation of a drive for alternating current
230 V halogen lamps	500 W	- switching time on change of direction programmable
Conventional transformers	500 VA	- with 2 independent binary inputs for potential-free contacts
Electronic transformers	500 W	- with illuminated programming button
- uncompensated	500 VA	- for switching e.g. 2 independent loads or activation of a drive
- with electronical ballast (EB)	6 x 48 W	- with potential-free NO contact as well as NC contact parameterisable
Operating temperature	-5 ... +45 °C	- installation in flush-mounted or splash-protected junction box
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²	- with integrated bus coupling unit
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²	- bus connection via connecting terminal
Input cable length	max. 9.9 m	- with screw terminals
Dimensions (W x H x D)	44 x 43 x 22.5 mm	

Follow the motor manufacturers' instructions.

Optimised for commissioning with ETS3 from version D, patch A.

Design	Order no.	PU
2 switch actuator channels/1 blind actuator channel for AC drive		
light grey, 2/1gang pro with 2 binary inputs	7534 10 12	1
light grey, 2/1gang easy with 2 binary inputs	8034 10 12	1



Switch actuator 1gang flush-mounted

Operating voltage over bus	21 ... 32 V=	– status LED integrated into the manual operation button
Frequency	50/60 Hz	– with illuminated programming button/button for manual operation
Current consumption KNX	typ. 7 mA	– pre-assembled, with cables
max. switching capacity at 230 V LED lamps	230 V~	– installation in flush-mounted or splash-protected junction box
230 V LED lamps	5 x 15 W	– with integrated bus coupling unit
Energy-saving lamps	5 x 15 W	– bus connection via KNX bus connection cable
230 V incandescent lamps	600 W	– with screw terminals
230 V halogen lamps	600 W	
Conventional transformers	600 VA	
Electronic transformers	600 W	
Fluorescent lamps:		
- with electrical ballast (EB)	6 x 58 W	
Compact fluorescent lamps	600 W	
Operating temperature	-5 ... +45 °C	
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²	
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²	
Dimensions (W x H x D)	44 x 22.5 x 43 mm	

Design	Order no.	PU
light grey, 1gang pro	7534 10 11	1
light grey, 1gang easy	8034 10 11	1



Heating actuator 230 V flush-mounted

Operating voltage	21 ... 32 V=	– binary input functions: Switching, dimming, shutter control and value transmitter
Switching current for electronic outputs	max. 25 mA	– for individual single room temperature control
Actuators per channel	max. 2	– for continuous (PI) or switched (2-point) control
Operating temperature	-5 ... +45 °C	– with 3 independent binary inputs for potential-free contacts
Load cable length	≈ 20 cm with 2 x 1.5 mm ²	– 1 electronic output (triac) for connection of 230V thermoelectric actuator drives
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm	– with programming button and red programming LED
Dimensions (Ø x H)	53 x 28 mm	– with emergency programme, e.g. for sensor or bus failure
Optimised for commissioning with ETS3 from version D, patch A.		– pre-assembled, with cables
		– installation in flush-mounted or splash-protected junction box
		– with integrated bus coupling unit

Design	Order no.	PU
light grey	× 7534 10 05	1



Blind and heating actuator 1 + 1gang flush-mounted

Operating voltage over bus	21 ... 32 V=	– binary input functions: Switching, dimming, shutter control and value transmitter
Switching current for electronic outputs	max. 25 mA	– for activation of a drive for alternating current
Switching capacity for max. 1 motor	600 VA	– for individual single room temperature control
max. switching capacity at 230 V~	230 V~	– for continuous (PI) or switched (2-point) control
Actuators per channel	max. 2	– switching time on change of direction programmable
Operating temperature	-5 ... +45 °C	– operating mode can be set for blind, shutter/awning or ventilation flap
Load cable length	≈ 20 cm with 2 x 1.5 mm ²	– with 3 independent binary inputs for potential-free contacts
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm	– 1 electronic output (triac) for connection of 230V thermoelectric actuator drives
Dimensions (Ø x H)	53 x 28 mm	– with programming button and red programming LED
Follow the motor manufacturers' instructions.		– with 2 potential-free contacts, mechanically interlocked
Optimised for commissioning with ETS3 from version D, patch A.		– with emergency programme, e.g. for sensor or bus failure
		– installation in flush-mounted or splash-protected junction box
		– with integrated bus coupling unit

Design	Order no.	PU
light grey	× 7534 10 06	1

System units

Power supplies



KNX Power supply 320 mA RMD

Operating voltage	230 V~	– with green LED for display of power supply
Frequency	50/60 Hz	– with red LED for display of short-circuit and overload protection
Output voltage	28 ... 32 V=	– one output 30 V DC, 320 mA incl. choke
Output current	max. 320 mA	– with electronic short-circuit and overload protection
Operating temperature	-5 ... +45 °C	– protected earth conductor must be connected
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²	– with QuickConnect plug-in terminals
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²	
Dimensions (W x H x D)	70 x 89.8 x 60 mm	
Width of rail mounted device (RMD)	4 modules	

Design	Order no.	PU
light grey	7501 00 17	1



KNX Power supply 640 mA RMD

Operating voltage	230 V~	– with green LED for display of power supply
Frequency	50/60 Hz	– with red LED for display of short-circuit and overload protection
Output voltage	28 ... 32 V=	– one output 640 mA incl. choke
Output current	max. 640 mA	– with electronic short-circuit and overload protection
Operating temperature	-5 ... +45 °C	– protected earth conductor must be connected
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²	– with QuickConnect plug-in terminals
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²	
Dimensions (W x H x D)	70 x 89.8 x 60 mm	
Width of rail mounted device (RMD)	4 modules	

Design	Order no.	PU
light grey	7501 00 18	1



KNX Power supply 2 x 320 mA RMD

Operating voltage	230 V~	– with green LED for display of power supply per output
Frequency	50/60 Hz	– with red LED for display of short-circuit and overload protection per output
Output voltage	28 ... 32 V=	– with 2 outputs incl. choke per output
Output current	max. 640 mA	– with electronic short-circuit and overload protection
Operating temperature	-5 ... +45 °C	– protected earth conductor must be connected
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²	– with QuickConnect plug-in terminals
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²	
Dimensions (W x H x D)	70 x 89.8 x 60 mm	
Width of rail mounted device (RMD)	4 modules	

Design	Order no.	PU
light grey	7501 00 19	1



KNX power supply 320 mA + 24 V DC, 640 mA RMD

Operating voltage	230 V~	– with green LED for display of power supply per output
Frequency	50/60 Hz	– with red LED for display of short-circuit and overload protection per output
Output voltage	28 ... 32 V=	– one output 30 V DC, 320 mA incl. choke
Output current	max. 320 mA	– one output 24 V, 640 mA
Operating temperature	-5 ... +45 °C	– with electronic short-circuit and overload protection
Conductor cross-section (rigid)	0.75 ... 2.5 mm ²	– protected earth conductor must be connected
Conductor cross-section (flexible)	0.75 ... 2.5 mm ²	– with QuickConnect plug-in terminals
Dimensions (W x H x D)	70 x 89.8 x 60 mm	
Width of rail mounted device (RMD)	4 modules	

Suitable for	Order no.	Page
KNX thermostat		page 796
Berker R.1 R.3 - Touch sensors with thermostat		page 802
Berker TS sensor - Glass sensors with thermostat		page 813
Touch Panel		page 816
Berker domovea		page 823
KNX weather station with GPS surface-mounted		page 834
Blind actuator 4gang RMD 24 V DC		page 853
KNX Wetterstation Komfort mit GPS AP	7549 00 02	835
Roller shutter actuator 4gang RMD 24 V DC	7531 41 18	854
IP router RMD	7501 00 16	863
KNX Touch Control with TFT display	7574 01 01	815

Design	Order no.	PU
light grey	7501 00 20	1



Electrical power supply 24 V DC RMD

Operating voltage	230 V~	– with plug-in terminals
Frequency	50/60 Hz	
Output voltage	24 V=	
Output current	max. 1 A	
Current consumption	< 150 mA	
Power consumption	36 W	
Operating temperature	+0 ... +45 °C	
Dimensions (W x H x D)	70 x 89.8 x 60 mm	
Width of rail mounted device (RMD)	4 modules	

Suitable for	Order no.	Page
KNX thermostat		page 796
Berker R.1 R.3 - Touch sensors with thermostat		page 802
Berker TS sensor - Glass sensors with thermostat		page 813
Touch Panel		page 816
Berker domovea		page 823
KNX weather station with GPS surface-mounted		page 834
Blind actuator 4gang RMD 24 V DC		page 853
KNX Wetterstation Komfort mit GPS AP	7549 00 02	835
Roller shutter actuator 4gang RMD 24 V DC	7531 41 18	854
IP router RMD	7501 00 16	863

Design	Order no.	PU
light grey matt	7591 00 03	1

Couplers



Coupler RMD

Operating voltage over bus	21 ... 32 V=	– can be used as line/area coupler or line amplifier
Current consumption higher-level line	6 mA	– with 2 yellow data traffic LEDs for higher and lower ranking line
Current consumption lower-level line	8 mA	
Operating temperature	-5 ... +45 °C	– with green operation LED, red programming LED and red diagnosis LED
Dimensions (W x H x D)	36 x 90 x 70 mm	– with programming button
Width of rail mounted device (RMD)	2 modules	– line connection via connecting terminal
Assembling height as from DIN rail	63 mm	

Design	Order no.	PU
light grey	7501 00 14	1

KNX/IP interfaces and gateways



IP router RMD

Operating voltage	24 V~/=
Current consumption KNX	typ. 10 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	36 x 90 x 58 mm
Width of rail mounted device (RMD)	2 modules
Assembling height as from DIN rail	55 mm

Separate 24 V DC auxiliary power supply needed!

- can be used as line/area coupler
- with green operation LED and yellow data traffic LED
- with green, yellow and red LEDs for indicating the IP communication
- with programming button and red programming LED
- operating voltage connection via connecting terminal
- line connection via connecting terminal
- with RJ45 connection for Ethernet/IP networks
- for reporting bus voltage failure via data networks
- as interface to PCs and data processing devices
- EIBnet/IP according to Konnex specifications: Core, Routing, Tunnelling, Device Management
- internet protocols supported: ARP, ICMP, IGMP, UDP/IP, DHCP
- quick communication of lines/areas and systems via data networks (Internet protocols)

Suitable for	Order no.	Page
KNX power supply 320 mA + 24 V DC, 640 mA RMD		page 862
Electrical power supply 24 V DC RMD		page 862
Power supply 24 V AC RMD	7591 00 01	836

Design	Order no.	PU
light grey	7501 00 16	1

Data interfaces



KNX data interface USB flush-mounted

Operating voltage over bus	21 ... 32 V=
Data transmission rate	max. 9.6 kBd
Operating temperature	-5 ... +45 °C
USB cable length	max. 5 m

For connection of a PC for addressing, programming and diagnosis of KNX components and for visualisation.

- programmable from ETS3, V1.0
- for addressing, programming and diagnosis of KNX components
- with B-type USB socket for data traffic (voltage supply via PC)
- compatible with USB 1.1/2.0 transmission protocols
- system requirements: Windows 2000 or later
- without spreader claws
- with flash-controller technology

Suitable for	Order no.	Page
Centre plate with TAE cut-out		page 863
Central plate with TAE cut-out		page 864
Centre plate with TDO cut-out		page 864

Design	Order no.	PU
black	7504 00 04	1

Centre plate with TAE cut-out



Suitable for	Order no.	Page
KNX data interface USB flush-mounted	7504 00 04	863
Design	Order no.	PU

Berker S.1 | B.3 | B.7

white glossy	1033 89 12	10
polar white glossy	1033 89 19	10
polar white matt, with 2 knock out openings	1033 19 09	10
anthracite matt, with 2 knock out openings	1033 16 06	10
aluminium matt, lacquered, with 2 knock out openings	1033 14 04	10

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	1033 60 82	10
polar white velvety	1033 60 89	10
anthracite velvety, lacquered	1033 60 86	10
aluminium velvety, lacquered	1033 60 84	10

Berker K.1 | K.5

polar white glossy	1035 70 09	10
anthracite matt, lacquered	1035 70 06	10
alu, aluminium anodised	1035 70 03	10
stainless steel, metal matt finish	1035 70 04	10



KNX data interface USB RMD

Operating voltage over bus	21 ... 32 V=	– programmable from ETS3, V1.0
Data transmission rate	max. 9.6 kBd	– with B-type USB socket for data traffic (voltage supply via PC)
Operating temperature	-5 ... +45 °C	– compatible with USB 1.1/2.0 transmission protocols
USB cable length	max. 5 m	– system requirements: Windows 2000 or later
Dimensions (W x H x D)	36 x 90 x 70 mm	– with flash-controller technology
Width of rail mounted device (RMD)	2 modules	
Assembling height as from DIN rail	63 mm	

For connection of a PC for addressing, programming and diagnosis of KNX components and for visualisation.

Design	Order no.	PU
light grey	7501 00 12	1

Accessories

Comb busbar 6 mm², 8 modules

Rated voltage	230 V~	Suitable for	Order no.	Page
Rated current	16 A	Switch actuator/blind actuator RMD for C load, 16 A		page 844
		End cap for comb busbar		page 865



Design	Order no.	PU
light grey	8090 90 04	5

Comb busbar 6 mm², 10 modules

Rated voltage	230 V~	Suitable for	Order no.	Page
Rated current	16 A	Switch actuator/blind actuator RMD for C load, 16 A		page 844
		End cap for comb busbar		page 865



Design	Order no.	PU
light grey	8090 90 05	5

End cap for comb busbar



Suitable for	Order no.	Page
Comb busbar 6 mm ² , 8 modules		page 865
Comb busbar 6 mm ² , 10 modules		page 865

Design	Order no.	PU
light grey	8090 90 00	10

Connecting terminal

Operating temperature	-5 ... +45 °C	– 2pole
Conductor Ø	0.6 ... 0.8 mm	– for the bus connection of the units
Number of conductors	2 x 4	– polarization red + black -
Dimensions (L x W x H)	10.2 x 11.5 x 10 mm	– can be used as branch terminal
		– with plug-in terminals



Design	Order no.	PU
red/black	7500 00 05	50

Blind plug for bus coupling unit



Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 01	807
Bus coupling unit flush-mounted	7504 00 01	784
Order no.		PU

Design

Berker S.1 | B.3 | B.7

white glossy	7594 02 52	1
polar white glossy	7594 02 59	1
polar white matt	7594 02 89	1
anthracite matt	7594 02 85	1
aluminium matt, lacquered	7594 02 83	1

Berker Q.1 | Q.3 | Q.7 | Q.9

white velvety	7594 02 22	1
polar white velvety	7594 02 29	1
anthracite velvety, lacquered	7594 02 26	1
aluminium velvety, lacquered	7594 02 24	1

Berker K.1 | K.5

polar white glossy	7594 02 79	1
anthracite matt, lacquered	7594 02 75	1
aluminium, aluminium anodised	7594 02 71	1
stainless steel, metal matt finish	7594 02 73	1

Berker arsys

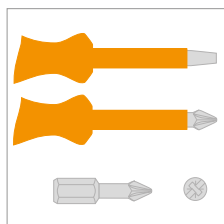
white glossy	7594 02 42	1
polar white glossy	7594 02 49	1
light bronze matt, lacquered	7594 02 44	1
stainless steel, metal matt finish	7594 02 43	1



Technology

Tool sizes/switch lighting	870
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Installation instructions



Tool size for processing BERKER products

The products have combination screws that can be processed with cross-head as well as flat-blade screwdrivers.

Tool sizes for contact screws:

- Cross-head bits: Pozi-Drive, size 2
- Cross-head screwdrivers: Pozi-Drive size 2
- Slot screwdrivers - Blade thickness 1 mm

Tool sizes for fixing screws:

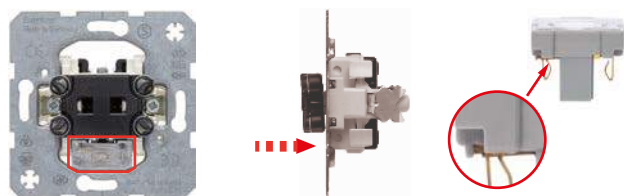
- Cross-head bits - Pozi-Drive, size 1
- Cross-head screwdrivers - Pozi-Drive size 1
- Slot screwdrivers - Blade thickness 0.8 mm

i When using cordless screwdrivers a maximum torque of 0.5 Nm should be used.

Lighting of switches and push-buttons

The Work Place Regulation (ArbStättV) stipulates that light switches must be easily accessible and luminous. The switches and buttons of BERKER can be fitted with neon or incandescent lamp units (in the case of splash-protected surface-mounted devices, the lighting can not always be retrofitted).

Neon lamp unit with N terminal [Order no. 1675..]



The neon lamp unit (without removing the switch) can be inserted or replaced from the front. Depending on the application, the contact reed (s. figure on the right) must be removed

Applications

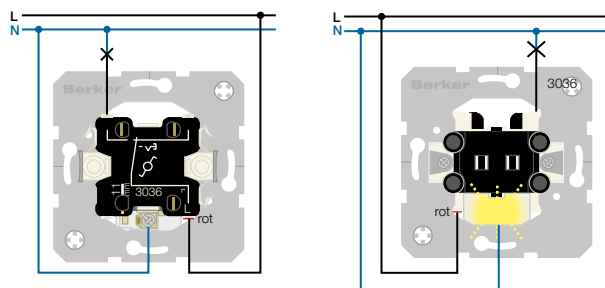


Figure 1: Constantly illuminated, switch-off with change-over switch (remove contact reed on the neon lamp unit)

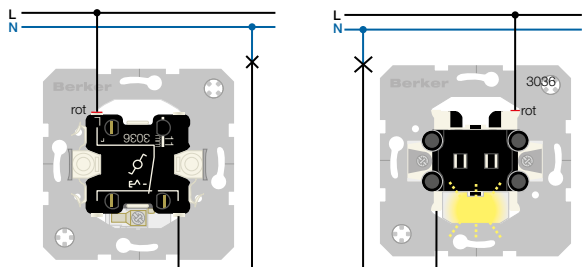


Figure 2: Illuminates when OFF, switch-off with change-over switch

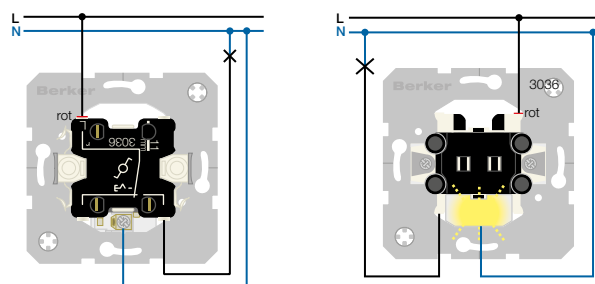


Figure 3: Illuminates when ON, switch-off with change-over switch (remove contact reed on the neon lamp unit)

i LED neon lamp units and neon lamps connected in parallel to the switching contact cause the contact opening to be fallen short of.

LED unit with N terminal for series switch [Order no. 1680]

The LED unit with N terminal is available for lighting series switches in the standard and surface ranges from Berker. As a control switch, it displays the switched on loads per series.

Series control switch [Order no. 3035/303550 + 1680]

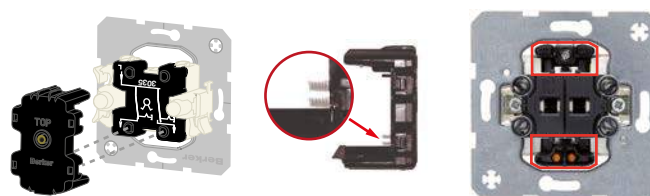


Figure 4: The LED unit has contact springs (s. figure in the middle), which ensure simple snapping-on from behind

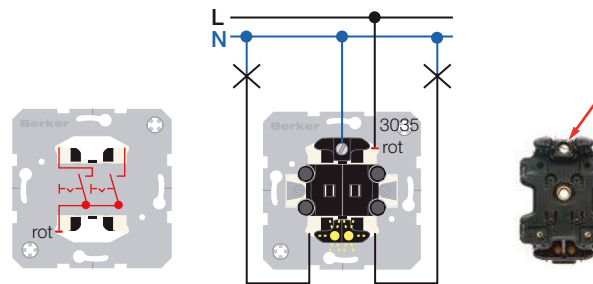


Figure 5: Series monitoring circuit (unit lights up per series when "On", N terminal (s. figure on the right))

Switches

A When connecting energy-saving lamps and electronic upstream devices (EB), the high switch-on currents must be observed. Check the suitability of the devices before use. Use making current limiters if necessary.

Switches	10 AX		16 AX	
	40 W	65 W	40 W	65 W
Uncompensated $\cos \phi \approx 0.5$	23	15	33	21
Compensated $\cos \phi = 0.8$	29	18	46	28
Compensated $\cos \phi \approx 1$	34	22	51	33
Lead-lag circuit	38	28	57	42
Parallel compensation	8	5	12	7

Tab. 1: Maximum number of fluorescent lamps to be switched

Change-over switches

3036, 3036 50 Change-over switch
3966 Pullcord switch off/change-over
e.g. 1675 Neon lamp unit with N terminal

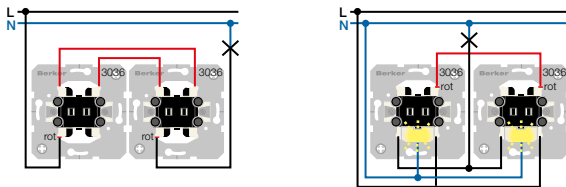


Figure 1: Change-over circuit / Control change-over switching*: neon lamp unit lights up if "On"

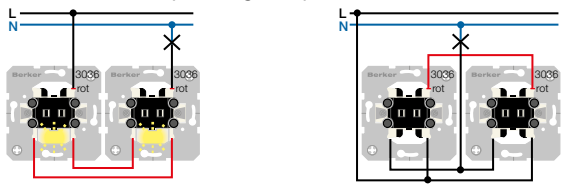


Figure 2: Change-over switching lights up: Neon lamp unit lights up if "Off" / economy change-over circuit: Phase and lamp wire are in each switch wall box

Switch off operations 1pole with change-over switch

3036, 3036 50 Change-over switch
3966 Pullcord switch off/change-over
e.g. 1675 Neon lamp unit with N terminal

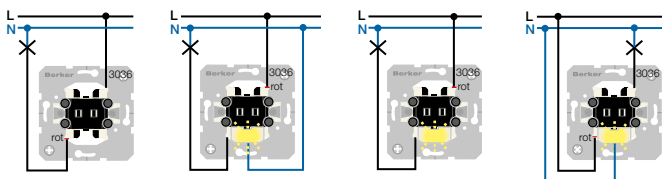


Figure 3: Switch-off / control switch-off*: Neon lamp unit lights up if "On" / Switch-off lights up: Neon lamp unit lights up if "Off" / Switch off : Constantly illuminated*

Switch off operations 2pole, 10 AX

3032 On/off switch 2pole
e.g. 1675 Neon lamp unit

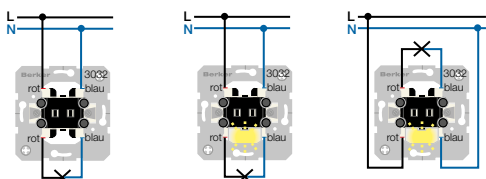


Figure 4: Switch-off 2pole / control switch-off 2pole: Neon lamp unit lights up if "On" / Switch off 2pole: Constantly illuminated

* Remove detachable contact reed on the neon lamp unit

Switch off operations 2pole, 16 AX

3032 12 On/off switch 2pole
1600 02 Neon lamp unit for switches/push-buttons

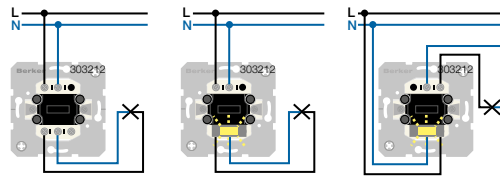


Figure 5: Switch-off 2pole / control switch-off 2pole: Neon lamp unit lights up if "On" / Switch off 2pole: Constantly illuminated

Switch off operations 3pole

3033 03 On/off switch 3pole
1600 Neon lamp unit for on/off switch 3pole

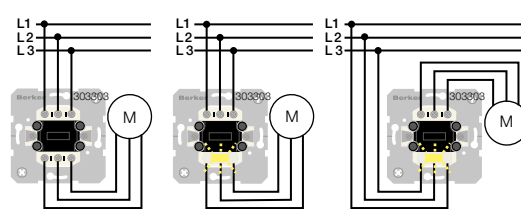


Figure 6: Switch-off 3pole / control switch-off 3pole: Neon lamp unit lights up if "On" / Switch off 3pole: Constantly illuminated

Connections in series

3035, 3035 50 Series switch
1680 LED unit with N terminal
e.g. 1675 Neon lamp unit

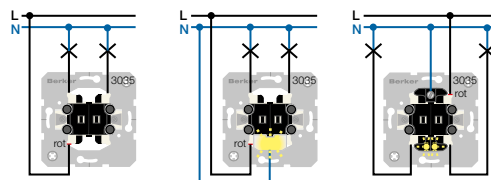


Figure 7: Connection in series / Control connection in series: LED unit lights up per series if "On" / connection in series: Constantly illuminated*

Mechanical timer [Order no. 2040, 2041]

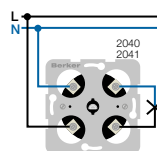


Figure 8: Off switching 2pole

Intermediate switching operations

3037 Intermediate switch
1675 Neon lamp unit with N terminal

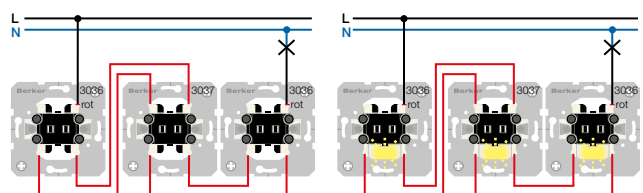


Figure 9: Intermediate switching / Intermediate switching lights up: Neon lamp unit lights up if "Off"

Applications with double change-over switch

- 3038 08 Double change-over switch
- 1600 02 Neon lamp unit for switches/push-buttons

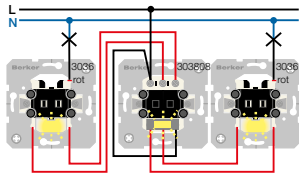


Figure 1: Change-over switching with double change-over switch: Neon lamp unit on the double change-over switch lights up if the right switch is "Off"

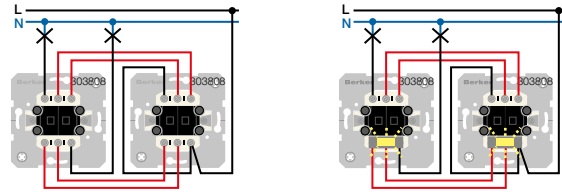


Figure 2: Double change-over switch/ Double change-over switch lights up: Neon lamp unit lights up if left switch is "Off"

Push-button

Applications push-button

- 5031, 5031 50 Push-button NO contact
- 1675 Neon lamp unit with N terminal

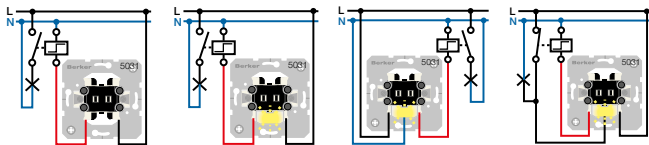


Figure 1: Push-button, NO contact / push-button lights up: Only a limited number of push-buttons are to be switched in parallel or the neutral conductor must be provided / push-button constantly illuminated*: any number of push-buttons switchable in parallel, the neutral conductor must be included / monitoring circuit*

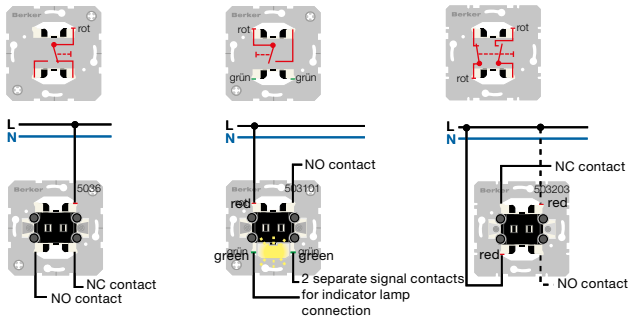


Figure 2: Push-button, change-over contact [Order no. 5036] / push-button, NO contact with 2 separate signalling contacts [Order no. 5031 01] / push-button, NC contact + NO contact, Isolated input terminal [Order no. 5032 03]

Applications series push-button

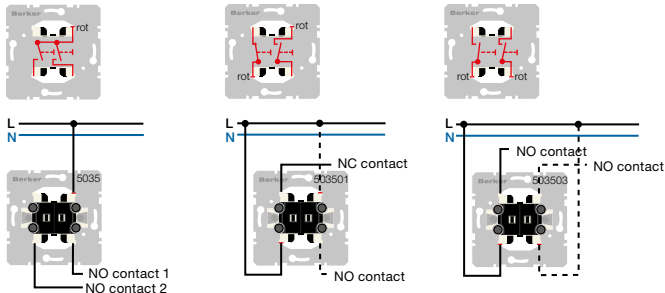


Figure 3: Series push-button, 2 NO contacts, common input terminal [Order no. 5035] / series push-button, NC contact + NO contact isolated input terminals [Order no. 5035 01] / series push-button, 2 NO contacts, isolated input terminals [Order no. 5035 03]

* Remove detachable contact reed on the neon lamp unit

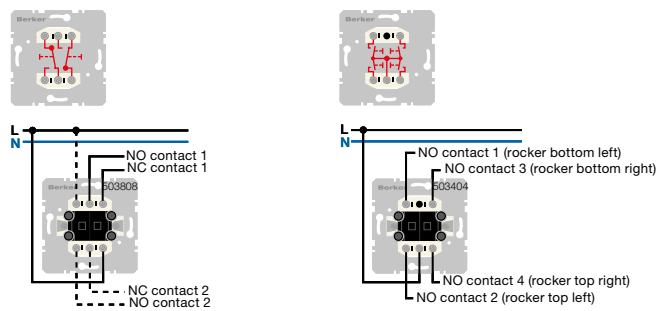


Figure 4: Series push-button, 2 change-over contacts, isolated input terminals [Order no. 5038 08] / Group series push-button, 4 contacts, common input terminal [Order no. 5034 04]

Applications pullcord push-button

- 3956 19 Pullcord push-button, change-over contact with separate signal contact

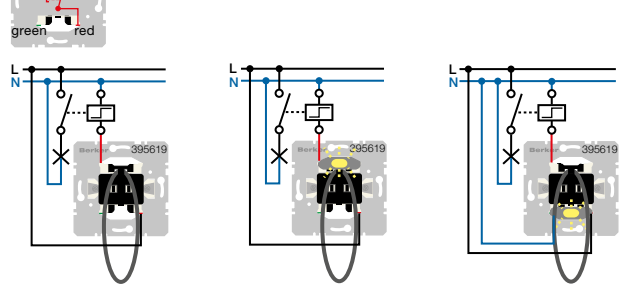


Figure 5: Pullcord push-button, change-over contact / pullcord push-button illuminated: Only a limited number of push-buttons are to be switched in parallel or the neutral conductor must be included / pullcord push-button constantly illuminated: Any number of push-buttons switchable in parallel, the neutral conductor must be included

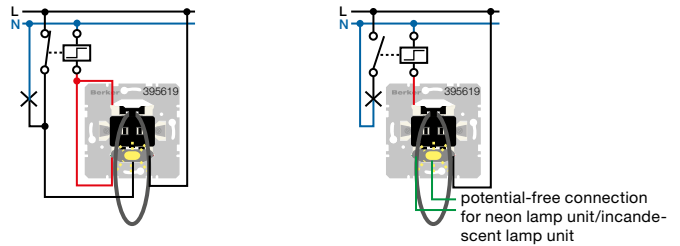


Figure 6: Control pullcord push-button*, change-over contact / control pullcord push-button*, change-over contact with separate signal contact

* Remove detachable contact reed on the neon lamp unit 1605 10

Lighting of switches and push-buttons

The switches and push-buttons with lens or labelling field of berker W.1 are supplied with an LED unit 230 V. The devices can also be converted for other functions with another LED unit variant if the wiring is adapted appropriately (see table 1).

LED unit 230 V, for switch/push-button [Order no. 16xx 35 00]

The LED unit (without removing the switch/push-button) can be inserted or replaced from the front. Depending on the application, the spring contact pins of the LED unit must be inserted from above in correct position to contact them with the plug-in terminals of the in-
sert.

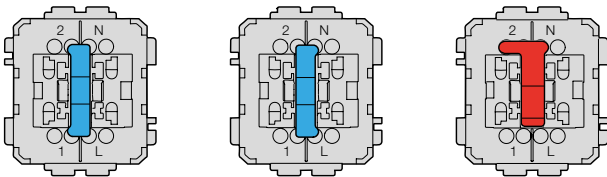


Figure 1: Contact options for the different constructions of the LED unit (I-form, L-form)

Applications with switches

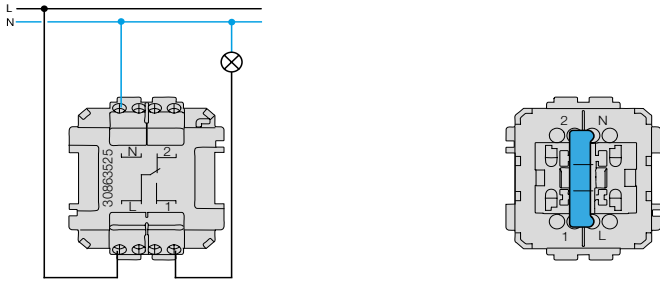


Figure 2: Permanently illuminated change-over switches with lens or labelling field, LED contacting on terminals N - L

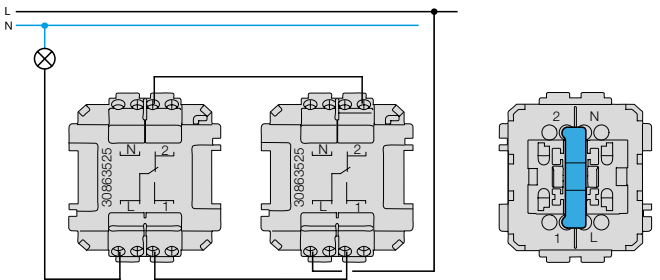


Figure 3: Illuminated when OFF (orientation lighting), change-over switching with 2 change-over switches, illuminated, LED contacting on terminals 2 - 1

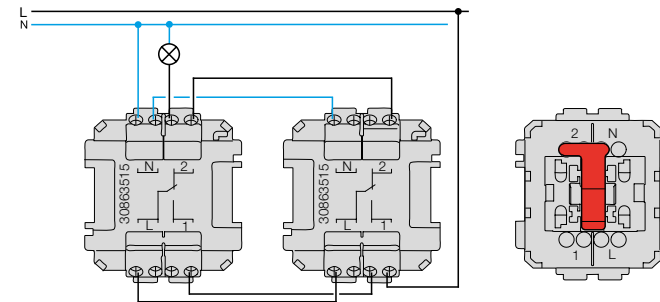


Figure 4: Illuminated when ON (control switching), change-over switching with 2 change-over switches with lens, LED contacting on terminals 2 - N

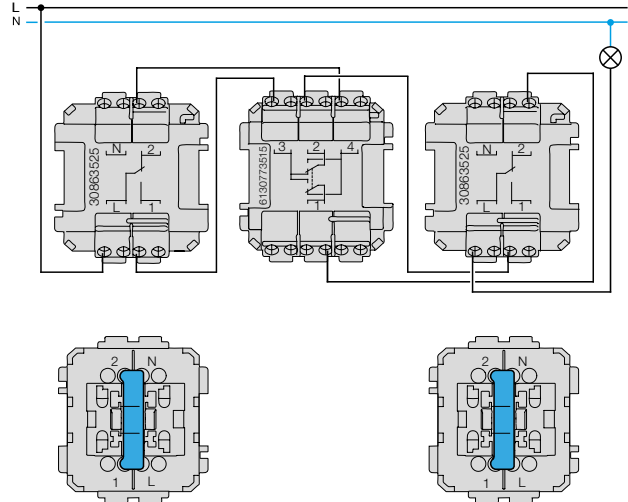


Figure 5: Illuminated when OFF (orientation lighting), intermediate switching with 2 change-over switches, illuminated, with lens LED contacting on terminals 2 - 1

Application with push-buttons

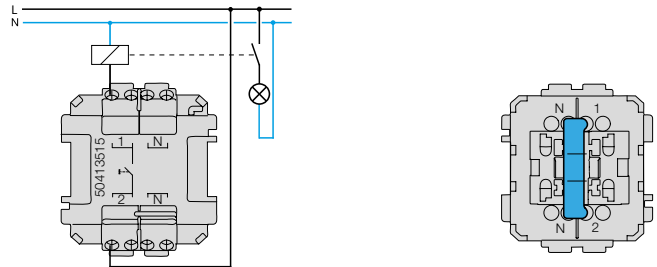


Figure 6: Illuminated when OFF (orientation lighting), push-button, NO contact with labelling field e.g. for safety-relevant applications, LED contacting on terminals 2 - 1

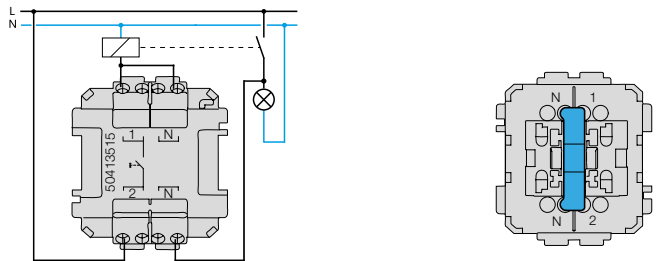


Figure 7: Illuminated when ON (control lighting), with push-button, NO contact with labelling field e.g. for control sections outside of the area to be illuminated LED contacting on terminals N - N

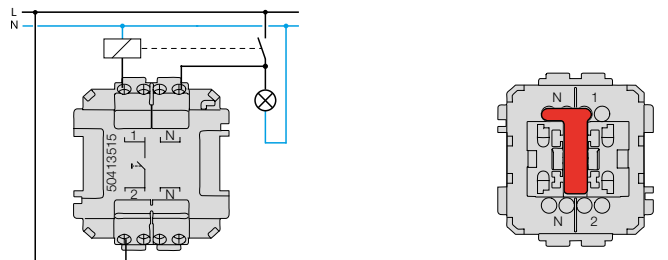


Figure 8: Illuminated when ON (control lighting), with push-button, NO contact with labelling field e.g. for control sections outside of the area to be illuminated, LED contacting on terminals N - 1

DESIGNATION	ORDER NO.	Orientation lighting		Control lighting		blue	
		blue		red			
		1677 35 00	CONTACTS	1688 35 00	CONTACTS	1677 35 00	CONTACTS
Switches							
Change-over switch insert with rocker, illuminated surface-mounted/flush-mounted, with lens	3086 35 2x	■	2 - 1	■	2 - N		
Change-over switch insert with rocker surface-mounted/flush-mounted, with labelling field - illuminated	3086 35 3x	■	2 - 1	■	2 - N		
Control change-over switch insert, rocker surface-mounted/flush-mounted, with lens	3086 35 1x	■	2 - 1	■	2 - N		
Illuminated change-over switch surface-mounted, with lens	3076 35 2x	■	2 - 1	■	2 - N		
Change-over switch surface-mounted, with labelling field - illuminated	3076 35 5x	■	2 - 1	■	2 - N		
Control change-over switch with imprint "Heizung" surface-mounted, with lens	3566 35 0x	■	2 - 1	■	2 - N		
Control change-over switch surface-mounted, with lens	3176 35 0x	■	2 - 1	■	2 - N		
Control on/off switch 2pole with imprint "Heizung - 0 - I" surface-mounted, with lens	3562 35 0x	■	2 - 1	■	2 - N		
Push-buttons							
Push-button insert, NO contact with rocker surface-mounted/flush-mounted, with labelling field - illuminated	5041 35 1x	■	1 - 2	■	N - 1 ¹⁾	■	N - N
Push-button insert, change-over contact, illuminated surface-mounted/flush-mounted, with lens	5046 35 2x	■	2 - 1	■	2 - N ²⁾		
Push-button, change-over contact, illuminated, surface-mounted, with lens	5076 35 0x	■	2 - 1	■	2 - N ²⁾		
Push-button, change-over contact surface-mounted, with labelling field illuminated	5076 35 5x	■	2 - 1	■	2 - N ²⁾		

1) The jumper wire of the impulse switch must be connected to N

2) Lamp wire on N

■ included in scope of delivery

■ optionally available/useable

Tab. 1: Use of the LED units for switches/push-buttons

Frame 1gang, can be illuminated, for housing surface-mounted [Order no. 1338 35 ..., 1339 35 ..]

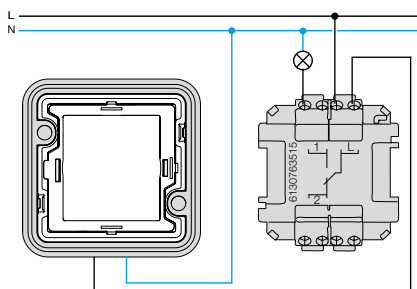


Figure 1: Permanently illuminated with change-over switch, e.g. for safety-relevant applications

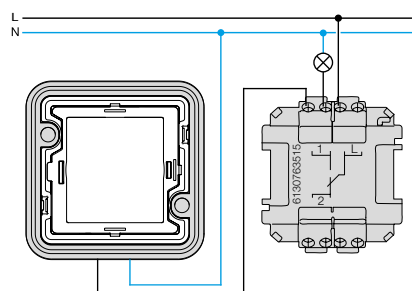


Figure 2: Illuminated when ON (control lighting), with change-over switch e.g. for control sections that are outside of the area to be illuminated

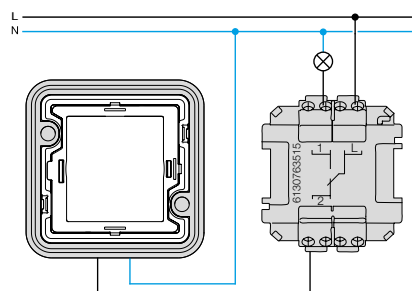


Figure 3: Illuminated when OFF (orientation lighting), with change-over switch e.g. for control sections away from daylight such as cellars and garages

LED signal light

The LED signal light is used for signalling e.g. notices, information, messages or warnings. The operation is performed via a separate push-button or switch. Installation is possible in switch combinations or individual.

LED signal light, RGB [Order no. 2951 ..]

The colour is switchable via an external push-button. Foils with imprinted symbols must be inserted depending on the application and define its specific function. Light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence can be adjusted via a push-button. With each press of the push-button, the colour sequence is switched by one colour state. The colour sequence can be stopped at any position via the push-button. The brightness can be adjusted via a potentiometer.

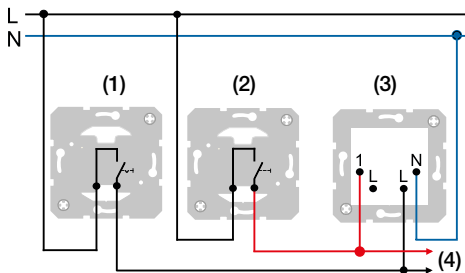


Figure 1: Connection example of colour switching via outer conductor, looped

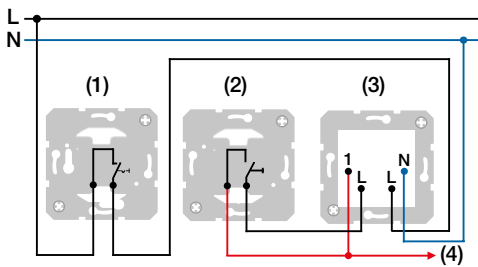


Figure 2: Connection example of colour switching via outer conductor, not looped

- 1 Off/change-over switch
- 2 Push-button
- 3 Insert of LED signal light, RGB
- 4 Connection possibility of additional LED signal lights, RGB

LED signal light, red/green lighting [Order no. 2952 ..]

Two-coloured signal light, e.g. for access control. Switchable between red and green via separate switches. The supplied foil bi-colour with imprinted symbols for Do not disturb / Make up room and Enter/ Wait are positioned under the cover.

i Instead of the series switch (5) that should switch both colours separately, a change-over switch that merely enables a change-over of both colours can also be used

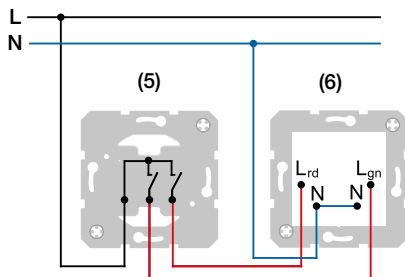


Figure 3: Connection example of LED signal light, red/green lighting

- 5 Series switch
- 6 Insert of LED signal light, red/green lighting, N terminals bridged

LED signal light, white lighting [Order no. 2953 ..]

Can be switched on/off via a separate switch. Foils with imprinted symbols insertable. Light colour cold white. The brightness can be adjusted via a potentiometer.

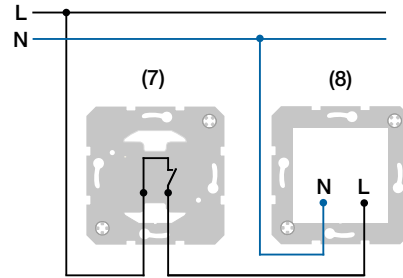


Figure 4: Connection example of LED signal light, white lighting

- 7 Off/change-over switch
- 8 Insert of LED signal light, white lighting

Brightness setting

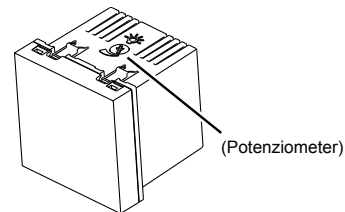


Figure 5: Brightness setting of LED signal light, RGB and LED signal light, white lighting

Technical data - performances

LED signal light	
Rated voltage	230 V~
Mains frequency	50 Hz
Number of LEDs	4
Connection single stranded	2.5 mm ²
Operating temperature	-15 ... 40°C
LED signal light [Order no. 2951 ..]	
Power consumption	max. 2 W at 195 ... 265 V~, 50/60 Hz
Power factor	approx. 0.9
LED signal light [Order no. 2952 ..]	
Power consumption	per colour max. 0.5 W at 230 V~, 50 Hz
LED signal light [Order no. 2953 ..]	
Power consumption	max. 1 W at 230 V~, 50 Hz
Power factor	approx. 0.17

Push-button/pilot lamp E10 [Order no. 5101..]

Applications

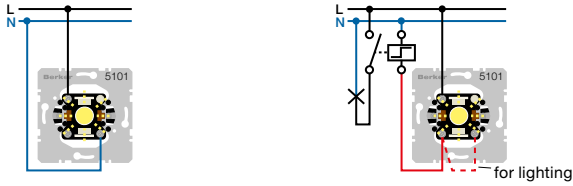


Figure 1: Pilot lamp E10 push-button illuminated, when using neon lamps only a limited number of push-buttons are to be switched in parallel

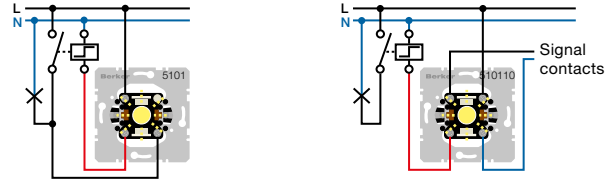


Figure 2: Control push-button Push-button with separate signalling contacts, e.g. for connecting an indicator lamp

Operating conditions for electronic switches, dimmers and speed controllers

Specification of the rated load capacity when installing as a single device at:

- Ambient temperature up to 25° C
- Wall box in solid stone wall

i When connecting transformers, the nominal load of the transformer is always assumed not just the nominal load of the connected lamps.

i The maximum connected load must be reduced according to the installation conditions (see table).

Varying conditions:

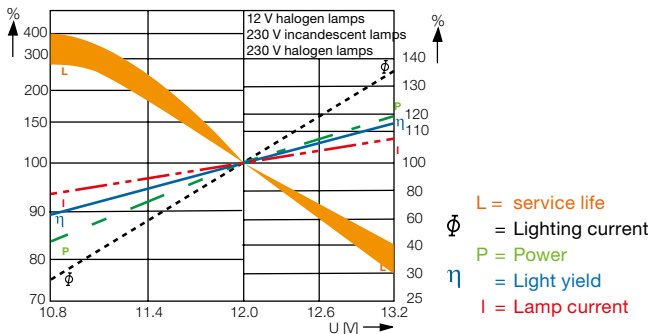
minus 10 %	- per 5° C above 25° C - external devices in multiple combinations
minus 15 %	in wood or plasterboard wall
minus 20 %	internal devices in multiple combinations

Figure 1: Reduction of the rated load capacity under varying installation conditions

Energy saving by dimming

Controlling the brightness levels of lights not only provides a pleasant ambience, it also prolongs the lives of the bulbs. Controlling the brightness levels of lights not only provides a pleasant ambience, it also prolongs the lives of the bulbs.

Bulb life depending on operating voltage



5 % lower voltage corresponds to 200 % service life

Identification

E Identifiers for dimmers and electronic switches (with semiconductor switching element) to DIN EN 60669-1/A2 and VDE 0632 part 1/A2.

M Identifiers for switchgear with relays with micro-contact opening width to DIN EN 60669-1/A2 and VDE 0632 part 1/A2

A When using third-party transformers in conjunction with berker Tronic dimmers and universal dimmers, malfunctions may occur because the components are not optimally attuned to each other.

Universal dimmer

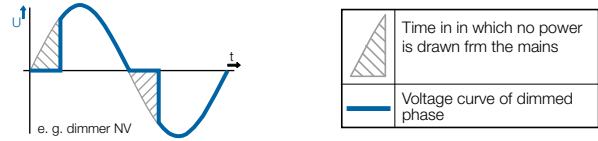
Universal dimmers detect the load type during commissioning and automatically set the correct dimming principle.

Dimmer selection table

Load type:	Dimmer type:	Standard phase cut-on dimmer	Low voltage phase cut-on dimmer	Phase cut-off dimmer	Universal-dimmer	Speed controller
Standard 230 V incandescent lamps		R ✓	R ✓	R ✓	R ✓!	Combination unsuitable
230 V halogen and incandescent lamps		R ✓	R ✓	R ✓	R ✓	Combination unsuitable
12 V halogen lamps with conventional dimmable transformer		Combination unsuitable	L ✓	Combination unsuitable	L ✓	Combination unsuitable
12 V halogen lamps with electronic transformer with capacitive characteristics		Combination unsuitable	Combination unsuitable	C ✓	C ✓	Combination unsuitable
12 V halogen lamps with electronic transformer with inductive characteristic		Combination unsuitable	L ✓	Combination unsuitable	L ✓	Combination unsuitable
12 V halogen lamps with electronic transformer with inductive or capacitive characteristics		Combination unsuitable	L ✓	C ✓	L, C ✓	Combination unsuitable
Motors		Combination unsuitable	Combination unsuitable	Combination unsuitable	Combination unsuitable	M ✓

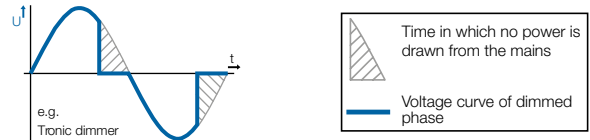
Dimming principles:

- Phase cut-on dimmer for brightness control of 230 V incandescent/halogen lamps and 12 V halogen lamps with conventional transformer



At the beginning of each half-wave the dimmer blocks the current flow to the lamp, it is non-conducting. Only at the end of the time set by the dimming does the dimmer cut in again, and current is re-applied to the connected lamps. At the next sine zero, the dimmer again blocks the current flow. This process is repeated with each sine half-wave - that is, 100 times per second (50 Hz). During the time in which the dimmer blocks the current, no power is drawn from the mains or metered.

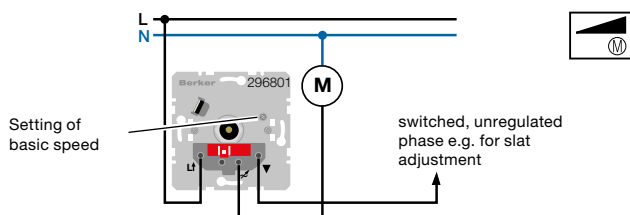
- Phase cut-off dimmer for brightness control of 12 V halogen lamps with Tronic transformers, 230 V incandescent and halogen lamps



The Tronic dimmer is activated when the sine half-wave passes through zero and deactivated again after the time set by the dimming. At the next sine wave zero the Tronic dimmer releases the current flow again. This process is repeated with each sine half-wave - that is, 100 times per second (50 Hz). In the time during which the Tronic dimmer blocks the current, no power is drawn from the system, and none is metered.

Speed controller [2968 01]

Off switching



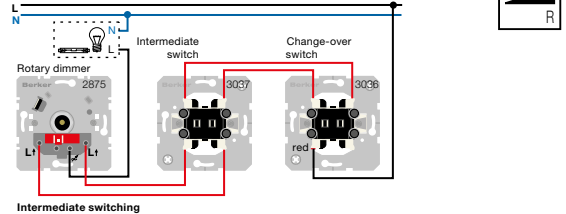
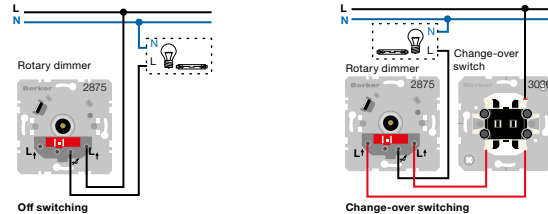
Technical data	Speed controller Order no. 2968 01
Motors	230/240 V~, 50/60 Hz single-phase motors such as induction, shaded pole or universal motors
Minimum load	0.1 A
Maximum load	2.7 A (2.3 A)
Motor current	max. 2.7 A (max. 2.3 A)
Slat current	Difference of maximum load and motor current
Control principle	phase cut-on
Noise	low noise
Overheating protection	switch off; auto. restart after cooling
Fine-wire fuse	T3.15H250
Radio interference suppression	acc. to EN 55015
Operating temperature	-20 ... 25 °C
Connecting terminals	Plug-in terminals for max. 2.5 mm ² ... 2 x 1.5 mm ²

Rotary dimmer 400 W



Technical data		Rotary dimmer 400 W, order no. 2819..
Rated voltage		230 V~, 50 Hz
Connected load		230 V incandescent lamps and halogen lamps 60 ... 400 W mixed loads of specified loads
Power boosters built-in (R, L)		max. 10
Control principle		phase cut-on
Noise		low noise
Fine-wire fuse		T 1.6 H 250
Radio interference suppression		acc. to EN 55015
Operating temperature		5 ... 25 °C (observe operating conditions)
Connecting terminals		Screw terminals for max. 2.5 mm ² or 2 x 1.5 mm ²

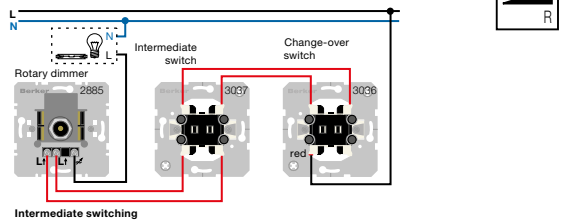
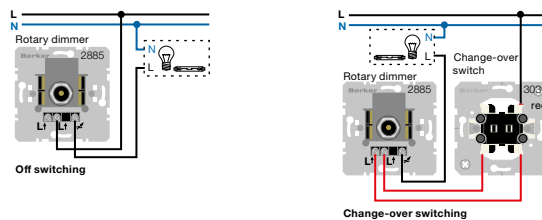
Rotary dimmer 600 W



Technical data		Rotary dimmer 600 W Order no. 2875
Rated voltage		230 V~, 50 Hz
Connected load		230 V incandescent lamps and halogen lamps 60 ... 600 W, (60 ... 450W) mixed load of the specified load types
Power boosters built-in (R, L)		max. 10
Dimming principle		phase cut-on

Technical data		Rotary dimmer 600 W Order no. 2875
Noise		low noise
Fine-wire fuse		T 2.5 H 250
Radio interference suppression		acc. to EN 55015
Operating temperature		5 ... 25 °C (observe operating conditions)
Connecting terminals		Plug-in terminals for max. 2.5 mm ² or 2 x 1.5 mm ²

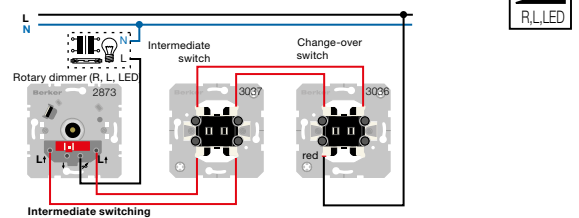
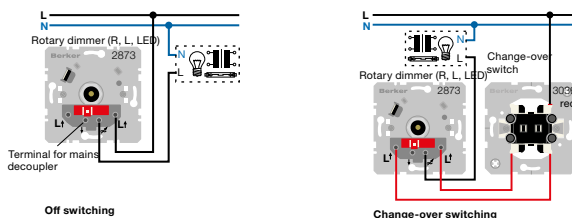
Rotary dimmer 1000 W



Technical data		Rotary dimmer 1000 W Order no. 2885..
Rated voltage		230/240 V~, 50 Hz
Connected load		230 V incandescent lamps and halogen lamps 100 ... 1000 W mixed loads of specified loads
Tronic- and power boosters built-in (R, L)		max. 10
Dimming principle		phase cut-off
Noise		very low noise

Technical data		Rotary dimmer 1000 W Order no. 2885..
Short-circuit proof		Switch off with autom. restart electron. Fuse (maintenance free)
Overload proof		by power reduction
Radio interference suppression		acc. to EN 55015
Operating temperature		5 ... 25 °C (observe operating conditions)
Connecting terminals		Screw terminals 0.75 ... 4 mm ²

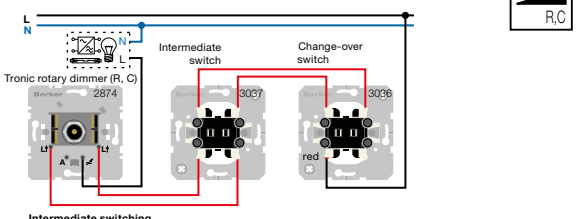
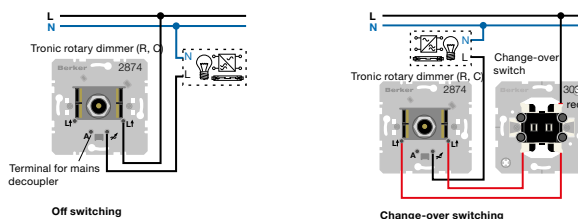
Rotary dimmer (R, L, LED)



Technical data		Rotary dimmer (R, L, LED) Order no. 2873..
Rated voltage		230 V/240~, 50 Hz
Connected load		230 V incandescent lamps and halogen lamps 20 ... 500 W conv. transformers (subject to min. 85 % of rated load) incl. transformer power dissipation 20 ... 500 VA dimmable LED/compact fluorescent lamps (typ.) 3 ... 100 W mixed load of the specified load types
Power boosters built-in (R, L)		max. 10

Technical data		Rotary dimmer (R, L, LED) Order no. 2873..
Switching current for base load		max. 100 mA
mains decoupler		
Dimming principle		phase cut-on
Fine-wire fuse		T 3.15 H 250
Noise		very low noise
Radio interference suppression		acc. to EN 55015
Operating temperature		5 ... 25 °C (observe operating conditions)
Connecting terminals		Plug-in terminals for max. 2.5 mm ² or 2 x 1.5 mm ²

Tronic rotary dimmer (R, C)



Technical data		Tronic rotary dimmer (R, C) order no. 2874..
Rated voltage		230 V~, 50 Hz
Connected load		230 V incandescent lamps and halogen lamps 20 ... 525 W Tronic transformers 20-525 W
Universal-power boosters Plus RMD		max. 10 à 500 W
Tronic power boosters built-in		max. 10
Switching current mains decoupler		max. 100 mA

Technical data		Tronic rotary dimmer (R, C) order no. 2874..
Noise		very low noise
Short-circuit proof		Switch-off with autom. restart electronic fuse (maintenance-free)
Overload proof		by power reduction
Radio interference suppression		acc. to EN 55015
Operating temperature		5 ... 25 °C (observe operating conditions)
Connecting terminals		Plug-in terminals for max. 2.5 mm ² or 2 x 1.5 mm ²

Universal rotary dimmer (R, L, C), extension unit insert

- i** Connection diagrams and technical data apply for
- Universal rotary dimmer (R, L, C) 2861 10
 - Universal rotary dimmer with centre plate (R, L, C) 2834 ..
 - Extension unit insert for universal rotary dimmer 2862 10, 2835 ..

Applications

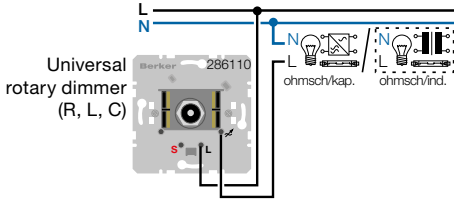


Figure 1: Off switching

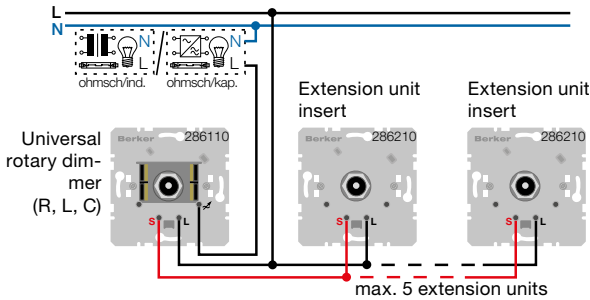


Figure 2: Operation with extension unit(s)

1-10 V control units

In lighting engineering, electronic ballasts and Tronic transformers fitted with a 1-10 V interface are being deployed to operate lamps (such as fluorescent lamps, LV halogen lamps). If multiple devices are connected using a single control line with 1-10 V control inputs, the 1-10 V rotary potentiometer can be used to adjust the brightness from a remote location. In this way, extensive and complex light systems can be implemented. The 1-10 V control units (1-10 V rotary potentiometer, 1-10 V push-button rotary potentiometer, NO contact) are used to switch the electronic ballast mains voltage on and off as well as for problem-free adjustment of the control voltage at the 1-10 V interface of the devices. The 1-10 V rotary potentiometers are covered by a centre plate with setting knob and frame, in keeping with the familiar dimmer design.

Measurement of the control and load currents

The total of electronic ballast control currents with the 1-10 V rotary potentiometer may be max. 50 mA, and the sum total of electronic ballast load currents (consider making currents) may be max. 6 A. The electronic ballast and lighting manufacturers' specifications regarding the control and load currents (with making currents) must be observed.

Calculation example, type Osram electronic ballast 2 x 58 W:

- Control current IST = 0.6 mA
- Load current IL = 0.55 A per electronic ballast
- 83 electronic ballasts are to be connected
IST = 83 x 0.6 mA = approx. 50 mA, IL = 83 x 0.55 A = 45.7 A

Result: The control contact is fully loaded.

Since electronic ballasts have an electrolytic capacitor in their input circuit, high making currents are to be expected. If the permissible number of electronic ballasts is exceeded (see table below), a contactor must be used to switch them, or a making current limiter.

1 - 10 V rotary potentiometer - maximum number of electronic ballasts that can be switched without additional fittings:

- 5 two-lamp or 10 one-lamp Osram electronic ballasts 58 W;
- 15 two-lamp or 30 one-lamp Insta electronic ballasts 42 W;
- 13 berker Tronic transformers 20-105 W

⚠ For a mixed load with inductive loads the proportion of the ohmic loads must not exceed 50 %!
Do not mix capacitive and inductive loads

Technical data - performances

Universal rotary dimmer (R, L, C)	Order no. 286110, 2834 ..
Rated voltage	230 V~, 50/60 Hz
Dimming principle	Phase cut-on or -cut-off depending on load type
Connected load	
- 230 V incandescent lamps and halogen lamps	ohmic: 50 .. 420 W capacitive: 50 .. 420 W
- Tronic transformers	(subject to min. 85 % of rated load) incl. transformer power dissipation,
- conv. transformers	inductive: 50 .. 420 VA
- Mixed loads	
Power consumption	approx. 0.5 Watt
Switch-on	bulb-preserving soft startup
Number of extension units	max. 5 extension unit inserts
Extension unit cable length	max. 100 m
Short-circuit protection	Switch off with autom. restart electron. fuse (maintenance free)
Overload protection	by power reduction
Radio interference suppression	acc. to EN 55015
Operating temperature	5 to 25 °C
Connecting terminals	Plug-in terminals for max. 2.5 mm ² or 2 x 1.5 mm ²

1 - 10 V rotary potentiometer [2891 10]

⚠ Max. 5 two-lamp electronic ballasts or 10 lamp electronic ballasts can be switched with no additional relay/ contactor or making current limiter.

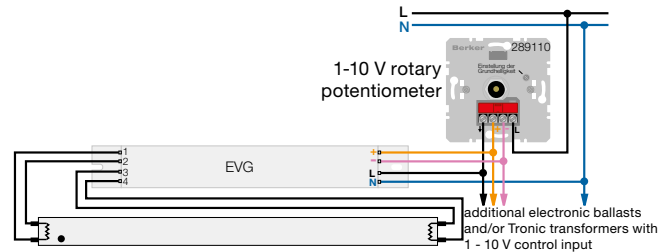


Figure 1: Off switching with 1-10 V rotary potentiometer

1 - 10 V push-button rotary potentiometer, NO contact [2896 10]

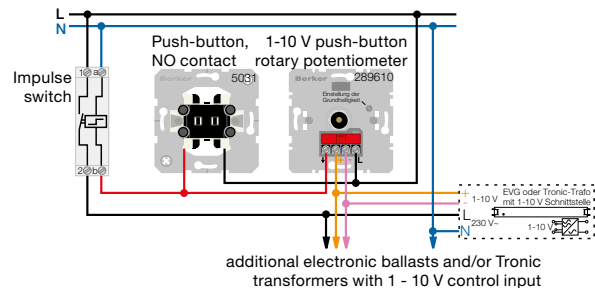


Figure 2: Change-over switching with impulse switch

1 - 10 V rotary potentiometer	Order no. 2891 10
1 - 10 V push-button rotary potentiometer	Order no. 2896 10
Max. control voltage UST	12 V
Min. control voltage UST	0.7 V
Max. control current IST	50 mA
max. switching capacity, mains switch	1380 VA resp. 6 A at 230/240 V~, 50/60 Hz
Fine-wire fuse	F 500 H 250
Operating temperature	5 .. 35°C
Screw terminals	max. 4 mm ² or 2 x 2.5 mm ²

DALI Protocol

DALI (**D**igital-**A**ddressable **L**ighting **I**nterface) is a protocol for controlling light technology operating devices, e.g. electronic transformers, electronic upstream devices etc.

Broadcast

Control information is sent in broadcast operation centrally to all users in the DALI network.

Typical broadcast commands

DALI command	Broadcast command
Light level (DAP)	Light value is called up
OFF	Switch off
STEP UP	Brighter dimming
STEP DOWN	Darker dimming
ON AND STEP UP	Switching on and darker dimming
STEP DOWN AND OFF	Darker dimming and switching off

Rotary potentiometer DALI

Not suitable for combining with other DALI systems.

- The control line and load line can be laid in a common cable.
- The brightness of the lighting in the absence of DALI telegrams (PowerON-Level) and in the event of failure of the DALI system voltage (SystemFailure-Level) is stored in the EB and cannot be changed using the DALI rotary potentiometer.

DALI rotary potentiometer with soft-lock [Order no. 2897]

The DALI rotary potentiometer can control up to 64 DALI devices in broadcast operation. In parallel operation the lighting applies the brightness value of the respective DALI rotary potentiometer actuated. This can cause a brightness jump.

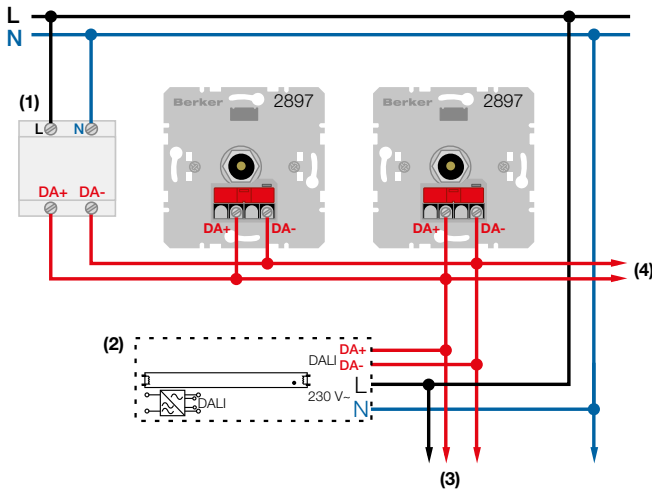


Figure 1: Connection of DALI rotary potentiometers as equally entitled control section

- 1 Power supply (according to DIN IEC 60929)
- 2 EB or Tronic transformer with DALI interface
- 3 Connection of additional devices with DALI interface
- 4 Connection of additional DALI potentiometers Order no. 2897

Rotary potentiometer DALI	Order no. 2897
DALI system voltage according to IEC 60929	16 V= (9.5 ... 22.5 V=)
Current consumption	< 2 mA
DALI devices	max. 64
DALI control line length	
at 0.5 mm ²	max. 100 m
at 0.75 mm ²	max. 100 ... 150 m
at 1.5 mm ²	max. 150 ... 200 m
Fine-wire fuse	F 0A 25 H 250
Operating temperature	5 ... 35°C
Connecting terminals	Screw terminals for max. 2 x 2.5 mm ² or 1 x 4 mm ²

DALI rotary potentiometer with power supply [Order no. 2898]

The DALI rotary potentiometer with an integrated power supply, when connected to the mains voltage (active operation), supplies the control current for the connected DALI devices. If the device is not connected to the mains voltage (passive operation), the power supply is supplied via the DALI voltage: the DALI rotary potentiometer works as an additional operating section (broadcast operation).

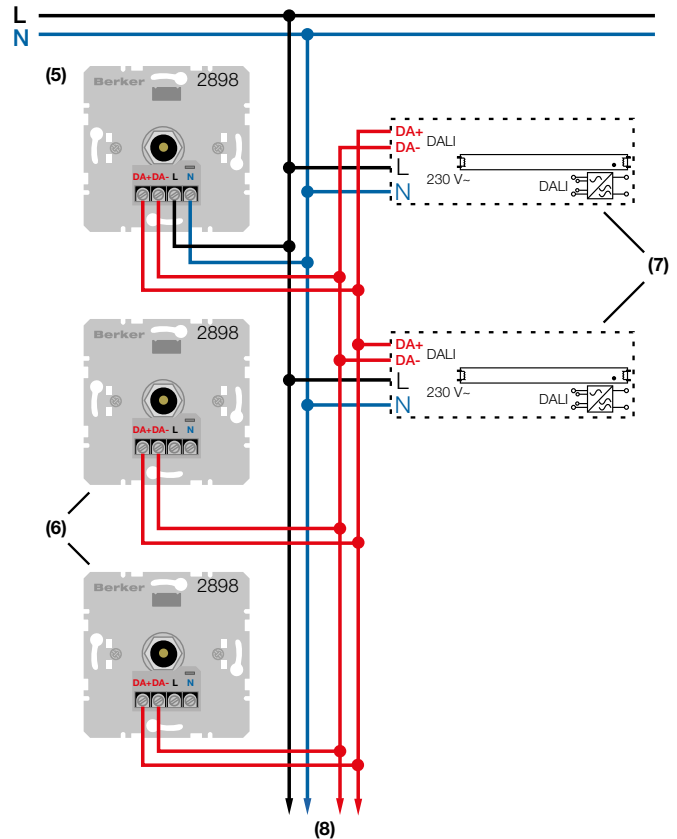


Figure 2: Connection of DALI rotary potentiometers as equally entitled control section

- 5 DALI potentiometer with power supply (active operation)
- 6 DALI potentiometer with power supply (passive operation)
- 7 EB or Tronic transformer with DALI interface
- 8 Connection of additional DALI potentiometers with power supply Order no. 2898 as well as additional devices with DALI interface

i A maximum of 4 active DALI rotary potentiometers can be used within the DALI network.

DALI rotary potentiometer with power supply	Order no. 2898
Rated voltage	230 V~
Frequency	50/60 Hz
Output current	max. 52 mA
DALI system voltage according to IEC 60929	16 V= (9.5 ... 22.5 V=)
Power consumption	max. 2 W
Quantity of DALI devices with 1 active DALI potentiometer	max. 26
Quantity of DALI devices with 4 active DALI potentiometers in parallel	max. 104
DALI control line length	
at 0.5 mm ²	max. 100 m
at 0.75 mm ²	max. 100 ... 150 m
at 1.5 mm ²	max. 150 ... 200 m
Operating temperature	5 ... 35°C
Connecting terminals	Screw terminals for max. 2 x 2.5 mm ² or 1 x 4 mm ²

Push-button for hotel card/ relay switch for hotel card

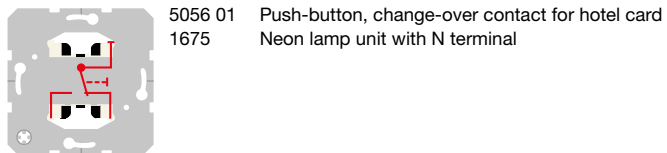
The push-button and relay switch for hotel card allow the central switching of electrical loads and additionally provide a storage possibility for the hotel card.

The operation is performed by inserting and removing the hotel card. The lighting of the operating section makes safe operation possible even in darkness.

Energy efficiency measures can be achieved by an additional feedback to the reception or by connection to the building automation e.g. for lowering the room temperature or for switching off ventilation/air conditioning systems.

Push-button, change-over contact for hotel card [Order no. 5056 01]

When the hotel card is inserted, the loads connected via a load contactor are switched on. After removing the hotel card, all electrical loads that are still active but no longer needed, such as lighting (possibly with time delay relay), socket outlet circuits (e.g. for television) are disconnected from the mains.



5056 01 Push-button, change-over contact for hotel card
1675 Neon lamp unit with N terminal

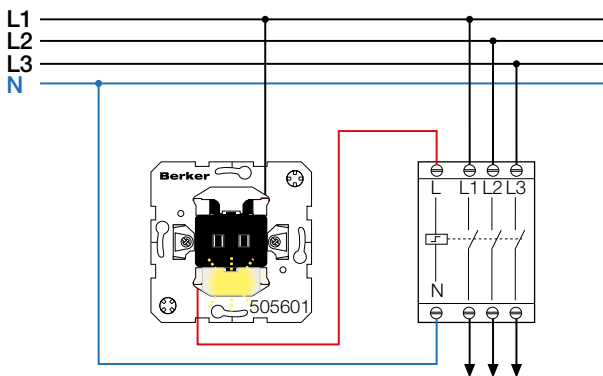


Figure 1: Push-button, change-over contact for hotel card: Neon lamp unit lights up only when the hotel card is not inserted.

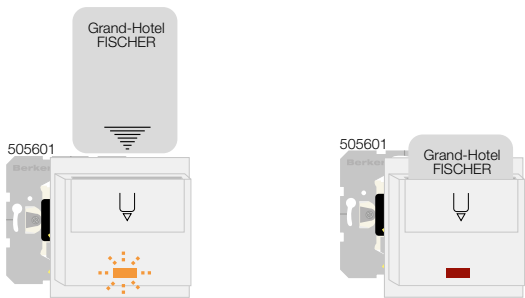


Figure 2: Orientation lighting for hotel card applications

Function if hotel card is inserted

- Contact closed
- Orientation light off

Function if hotel card is not inserted

- Contact open
- Orientation light on

Relay switch for hotel card [Order no. 1640 .., 1641 ..]

Loads are connected directly via the internal relay or via a downstream load contactor.

When the hotel card is inserted, the load is switched on and switched off again when removed.

Thanks to the adjustable delay time of the internal relay, the lighting still stays on for the duration of the delay time after removing the hotel card so you can leave the room safely.

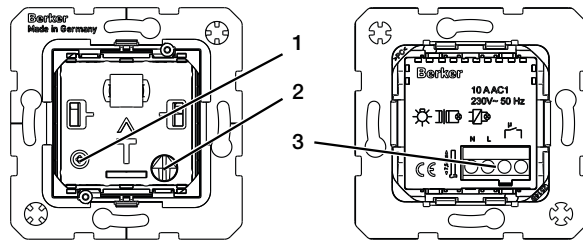


Figure 3: Relay switch for hotel card: Front view (A) without design cover, hotel card mounting device, fixing element and rear view (B)

- 1 LED as orientation light
- 2 Potentiometer for adjustment of delay time
- 3 Terminal block

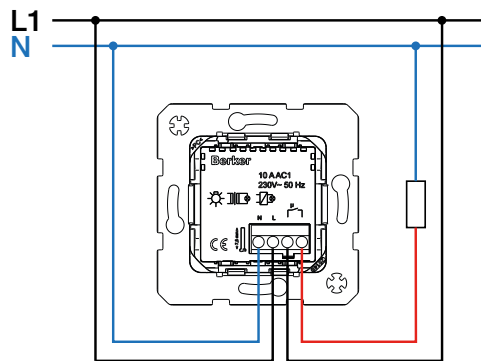


Figure 4: Connection of the load directly via the relay switch for hotel card

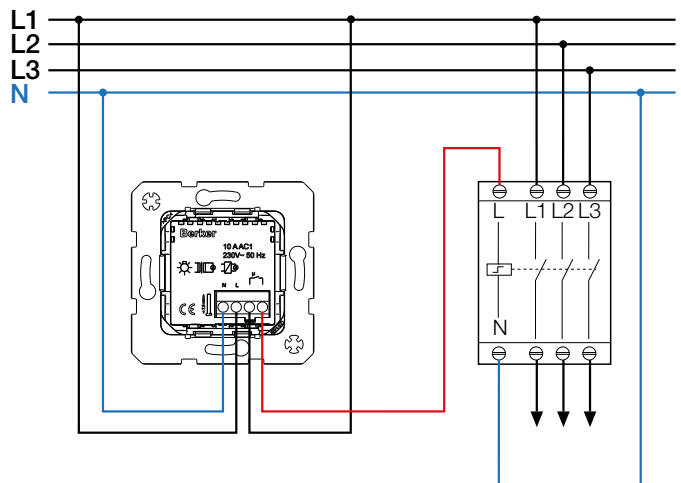


Figure 5: Connection of loads via a load contactor

IR presence detectors

Function elements and operating elements

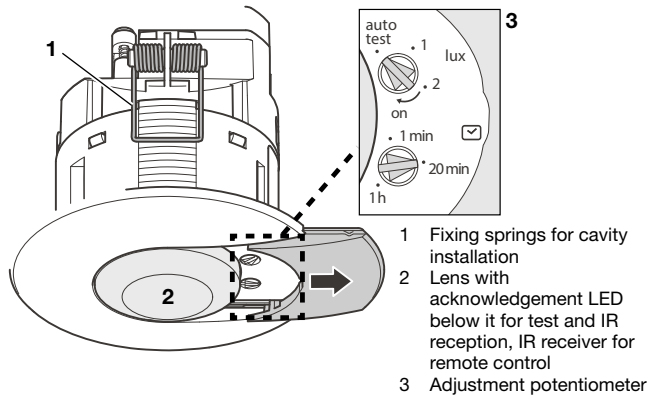


Figure 1: Device overview

Installation modes

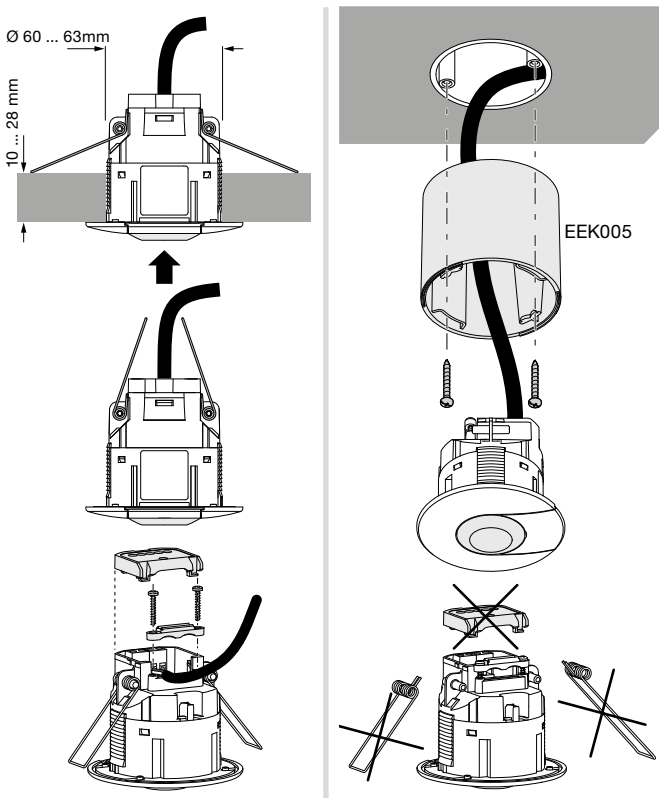


Figure 2: Installation in suspended ceiling / in wall-mounted housing EEK005

Installation location and detection area

- The detector in offices must be installed directly above the workplace so that small movements can be detected precisely.
- Sources of interference (heat sources, partition walls, green plants, ventilation outlets etc.) in the detection area of the presence detector that can impede the motion detection must be avoided.

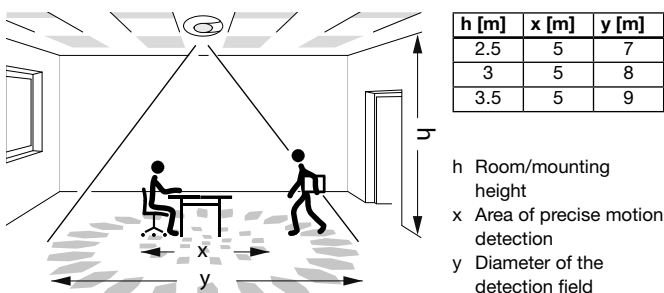


Figure 3: Dependence of detection area on the mounting height

Device settings

The adjustment potentiometer (3) is used to configure the device.

Potentiometer Lux: Setting of the response brightness.

Position	Brightness approx. [lux]	Application
auto test	-	Testing the adjusted brightness value and detection area Configuration via hand-held transmitter EE807
1	200	Stairs/hallways i Setpoint to control the lighting in stairwells in accordance with DIN EN12464-1, 2003-3: min. 150 lux
2	400	Offices
on	1000	

Potentiometer : setting of delay time.

Remote control

Two IR hand-held transmitters are available for remote control.

EE807	EE808
Settings/commissioning by electricians	Operation by user
<ul style="list-style-type: none"> - Setting response brightness - Setting switch on delay - Selecting operating mode - Resetting to factory setting - 2 Configuration memory for convenient multiple startups 	<ul style="list-style-type: none"> - Switching controlled lighting - Only with EE 816 (DALI/DSI) - Dimming controlled lighting - Saving and opening 4 different brightness levels.

IR presence detector [EE815]

The presence detector has an integrated switching contact for direct connection of the lights to be controlled. A push-button NO contact can be connected to the extension unit connection, which can be used to switch the lighting ON/OFF regardless of motion.

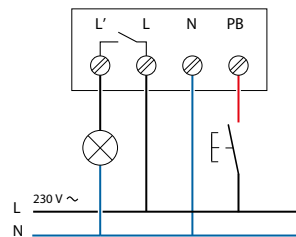


Figure 4: Connection of the IR presence detector

DALI IR presence detector [EE816]

The presence detector has an integrated DALI/DSI output for controlling the lighting with appropriate operating devices. The protocol setting (DALI or DSI) takes place automatically.

A push-button NO contact can be connected to the extension unit connection, which can be used to switch the lighting ON/OFF (short press) or to dim the lighting (long press) regardless of motion.

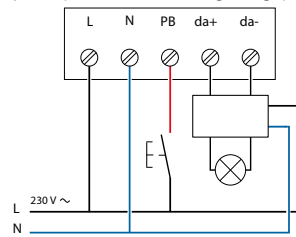


Figure 5: Connection of the DALI presence detector

Presence detector surface-mounted/flush-mounted

Installation modes

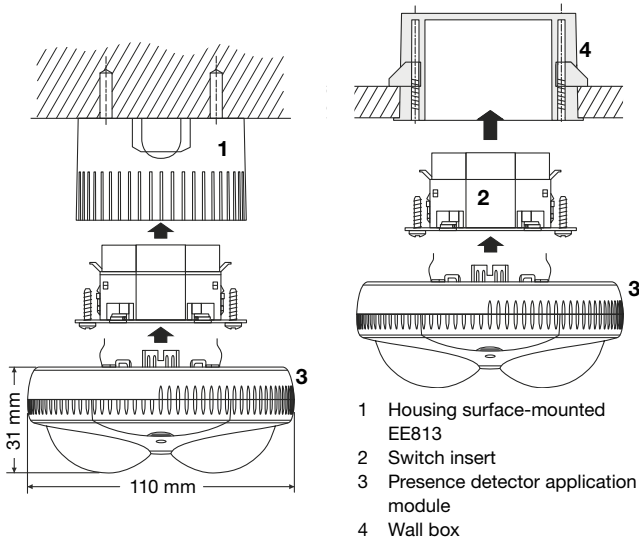


Figure 1: Installation in suspended ceiling or in wall-mounted housing EE813

Presence detector 1-channel surface-mounted/surface-mounted [EE810]

Applications with 3-step switch

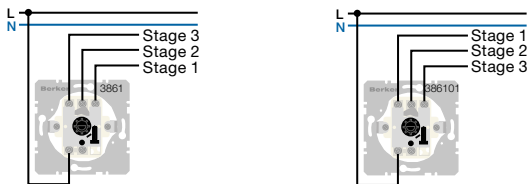


Figure 1: 3-step switch with zero position [Order no. 3861] / 3-step switch without zero position [Order no. 386101]

Switch/push-button in blind applications, key switch

Applications blind series switch/push-button

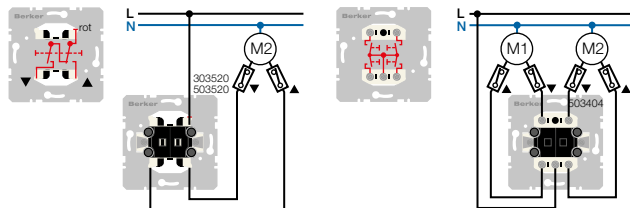


Figure 1: Blind series switch 1pole [Order no. 3035 20]; blind series push-button 1pole [Order no. 5035 20] / group series push-button, 4 NO contacts, common input terminal [Order no. 5034 04] as blind push-button

Applications switch/push-button for blinds

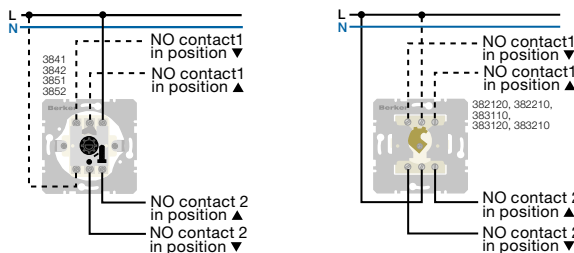


Figure 2: Rotary switch for blinds 1pole and 2pole [Order no. 3841, 3842]; switch for blinds 1pole and 2pole for centre plate with lock [Order no. 3851, 3852] / switch/push-button for blinds 1pole and 2pole for lock cylinder [Order no. 382120, 382210, 383110, 383120, 383210]

Connection

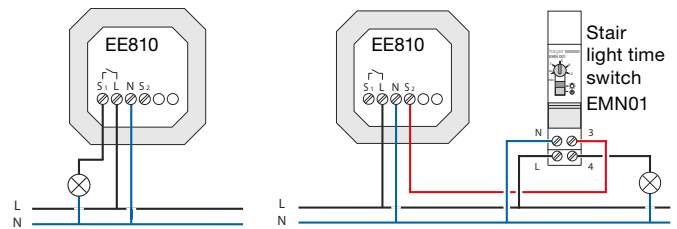


Figure 2: Direct connection of a light / control of a stair light time switch

Presence detector with constant light controller via 1-10 V interface surface-mounted/flush-mounted [EE812]

Connection

⚠ When connecting push-buttons for manual switching/dimming and in master-slave mode, use the same phase for all devices!

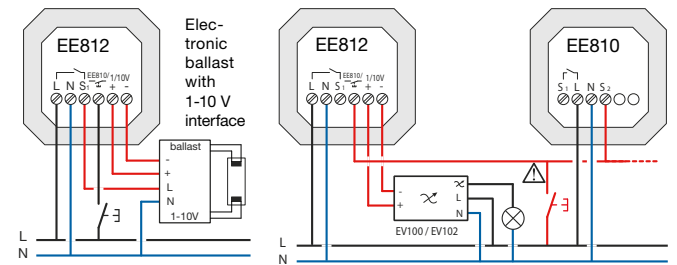


Figure 3: Connection to electronic ballast with 1 -10 V interface/ connection in master-slave mode with EE810

Applications key switch

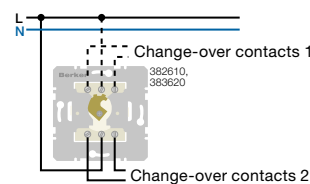


Figure 3: Change-over switch 1pole and 2pole for lock cylinder [Order no. 3826 10, 3836 20]

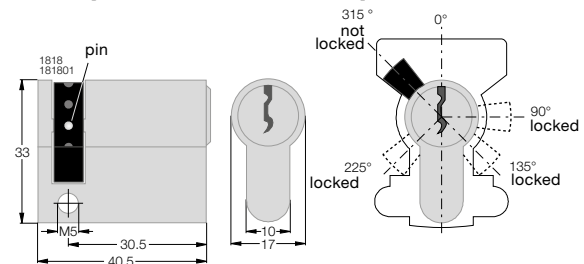


Figure 4: Lock cylinder [Order no. 1818, 1818 01]

The lock bit setting of the lock cylinder can be changed by pushing the bolt in 45°-steps.

- In lock bit setting 315°, the cover with the lock cylinder is removable without a key. The key is only removable in zero position (unswitched).
- The cover is secured against removal in the lock bit settings 90°, 135°, 225°. After activation, the key is turned back to the original position and can be removed with switches in any switching state.

Thermostats

The thermostat controls the temperature in enclosed spaces, such as homes, schools, workplaces etc.

Mounting

i Extraneous heat affects the control accuracy.

- An inside wall opposite the heating source is the preferred installation location. Installation height approx. 1.5 m above the floor.
- Avoid installation on outside walls or draught from windows or doors.
- Do not install the controller within shelving units or behind curtains and similar coverings (except with remote sensor).
- Avoid direct sunlight and do not install near televisions, radios and heating appliances, lamps, chimneys and heating pipes.
- When installing in a 3, 4 or 5gang frame, the distance between the thermostat and a dimmer should be as big as possible. In the case of an arrangement one above the other, the controller should be below the dimmer.

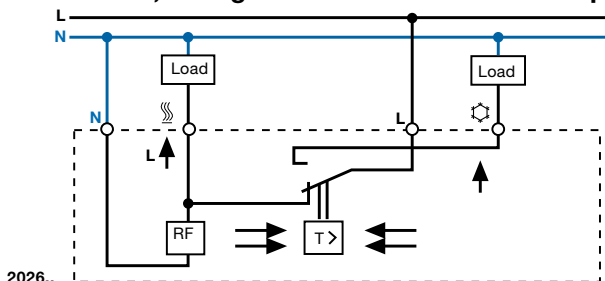
Electrical connection

Connect all the cables according to the corresponding circuit diagram. Connect the neutral conductor N to the N terminal. If this does not take place, then extreme temperature fluctuations will occur, as the controller does not work without thermal recirculation. The function is only dependent on the bimetal. No protective conductor is required, as the device is insulated.

Brief description in the circuit diagram

- L Outer conductor
- N Neutral conductor
- ⊥ Protective earth conductor
- NTC connection for temperature sensor
- RF Resistor for thermal re-circulation
- TA Resistor for night / temperature lowering
- ⌚ external time switch or (switch) for night / lowering temperature
- ↑ Load connection
- 🔥 Heating
- ❄️ Cooling
- T> Bimetal contact (temperature evaluation)

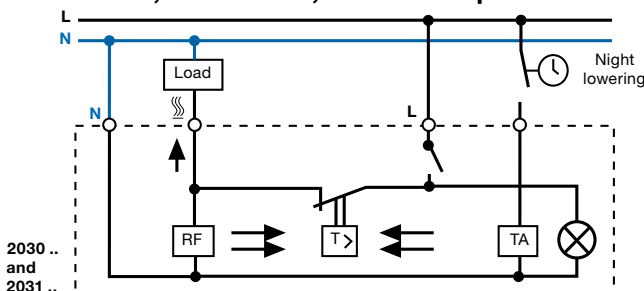
Thermostat, change-over contact with centre plate



2026.. **Thermostat, change-over contact, with centre plate Order no. 2026..**

Temperature range	5 ... 30 °C
Rated voltage	250 V~, 50/60 Hz
Rated current heating	10 A, 4 A cos φ = 0.6
Rated current cooling	5 A, 2 A cos φ = 0.6
Switching capacity heating	2.2 kW
Switching capacity cooling	1.1 kW
Power consumption	0.15 W
Switching temperature difference	approx. 0.5 °C

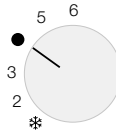
Thermostat, NC contact, with centre plate



2030.. and 2031..

Technical data Thermostat, NC contact, with centre plate, rocker switch Order no. 2030..

Temperature range	5 ... 30 °C
Rated voltage	250 V~, 50/60 Hz
Rated current	10 A, 4 A cos φ = 0.6
Switching capacity	2.2 kW
Power consumption	0.15 W, with night lowering 0.3 W
Switching temperature difference	approx. 0.5 °C
Temperature lowering	approx. 4 °C



The scaling on the thermostats at correct installation location corresponds to approx.:

- * = approx. 5 °C
- = approx. 20 °C
- 2 = approx. 10 °C
- 5 = approx. 25 °C
- 3 = approx. 15 °C
- 6 = approx. 30 °C

Thermostat, NO contact, with centre plate, for underfloor heating

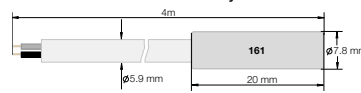
The required floor temperature is set using the adjusting knob. If the set floor temperature is not reached, the control device then requests heat and shows this through a red LED. The heating is switched on or off using the mains switch. Night lowering can be activated using an additional connection by means of an upstream timer or control switch. This is displayed by the green LED on the setting knob lighting up. The temperature is reduced by approx. 5 °C. For temperature measurement, install the sensor in the floor in a protective pipe. The sensor cable can, if necessary, be extended using a 2-wire cable of 1.5 mm² cross section without influencing the precision of the controller. When laying the cable ducts or when close to high current conductors, a shielded cable should be used.

Sensor [Order no. 161]

Characteristic sensor values: Measuring device internal resistor Ri > 1 MOhm

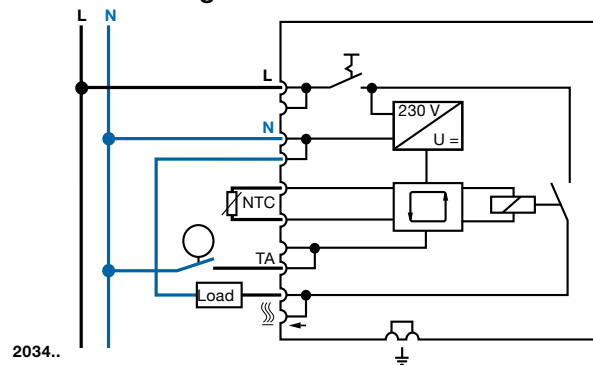
5 °C	85.279 kOhm	25 °C	33.000 kOhm	45 °C	13.846 kOhm
10 °C	66.785 kOhm	30 °C	26.281 kOhm	50 °C	11.277 kOhm
15 °C	52.330 kOhm	35 °C	21.137 kOhm		
20 °C	41.272 kOhm	40 °C	17.085 kOhm		

Resistance values can only be measured when the sensor is disconnected



Install the temperature sensor in the ductwork in the floor, so that it is located between 2 heating conductors.

Thermostat, NO contact, with centre plate, for underfloor heating



2034..

i The terminal TA (temperature reduction) is activated via the neutral conductor N.

Technical data Thermostat, NO contact, with centre plate, for underfloor heating Order no. 2034..

Temperature range	10 ... 50 °C
Rated voltage	230 V~, 50/60 Hz; 230 V=
Switching current	10 A cos φ = 1 ohmic load
Switching capacity	2.3 kW
Power consumption	0.14 W, with night lowering 0.28 W
Switch/one-pole	On/Off
Display LED	Heating on "red" / Night lowering on "green"
Contacts (relay)	1 NO contact (for heating) not potential-free
Temperature lowering	approx. 5 °C
Switching temperature difference	approx. 1 °C
Sensor lead	PVC 2 x 0.75 mm2
Cable length	4 m
Degree of protection	IP67 acc. to EN 60529

Thermostat; NO contact, with centre plate, time-controlled order no. 2044 ..

The time-controlled thermostat enables weekday and time-dependent control of the room temperature in automatic mode. The current temperature value is determined via the internal sensor and compared with the setpoint value. When the temperature falls below the setpoint value, the heating system is activated.

i An external sensor for measuring the floor and room temperature can also be connected.

- 1 Button **Menu/↔**
- 2 Button **-**
- 3 Button **+**
- 4 Button **Info/OK**
- 5 Indication current time/help text
- 6 Indication of heating mode
- 7 Display of the day of the week
- 8 Indication of room or floor temperature
- 9 Indication of function/settings

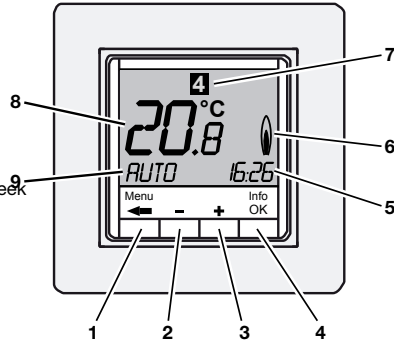


Figure 1: Overview of the operation and display elements

Product features

- can be used as room thermostat, floor thermostat or room thermostat with limiter
- type of actuator (currentless closed/open) adjustable
- control method: PWM (Pulse Width Modulation) or 2 point (On/Off)
- PWM cycle time and hysteresis (for two-point control) adjustable
- 3 preset time/temperature programmes, individually adjustable.
- max of 9 events per weekday adjustable
- frost and valve protection function
- self-learning heating curve, can be switched off
- timer for changing the temperature by the hour
- automatic summer-/winter time switching (can be switched off)
- programmable with operating unit removed
- operating hours meter or energy consumption display adjustable

Time/temperature diagrams

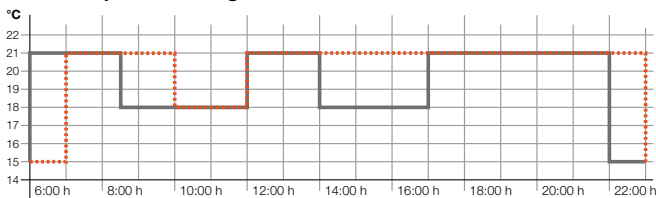


Figure 2: Day profile programme 1

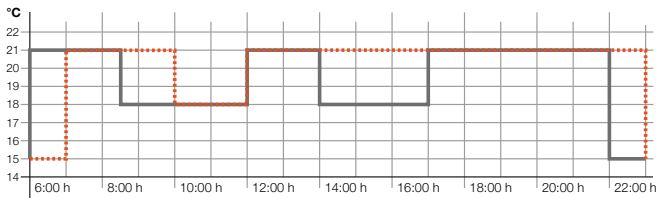


Figure 3: Day profile programme 2

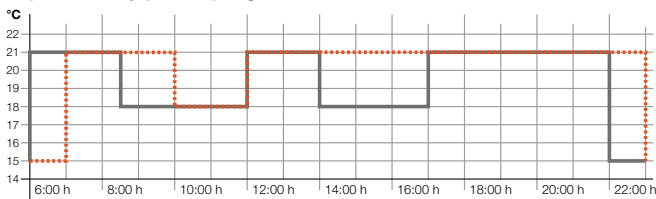


Figure 4: Day profile programme 3

i The last temperature setback always takes place at 22:00 h in all preset day profiles.

Function Optimum Start

The device detects automatically when the heating cycle must start so that the set temperature is reached at the set time (self-learning heating curve).

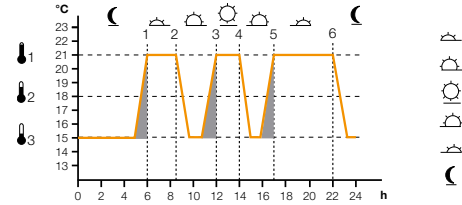


Figure 5: Self-learning heating curve based on the example of the weekday profile of programme 1

Installation and electrical connection

i Extraneous heat affects the control accuracy.

- An inside wall opposite the heating source is the preferred installation location. Installation height approx. 1.5 m above the floor.
- Avoid installation on outside walls or draught from windows or doors.
- Do not install the controller within shelving units or behind curtains and similar coverings (except with remote sensor).
- Avoid direct sunlight and do not install near televisions, radios and heating appliances, lamps, chimneys and heating pipes.
- When installing in a 3, 4 or 5gang frame, the distance between thermostat time-controlled and a dimmer should be as big as possible. In the case of an arrangement one above the other, the controller should be below the dimmer.

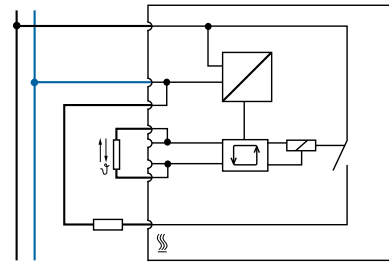


Figure 6: Connection diagram for thermostat, NO contact, with centre plate, time-controlled

Installation temperature sensor [order no. 161]

- The temperature sensor for floor heating systems must be installed in a ductwork between two heating conductors. If a floor temperature sensor is connected, the temperature measured there is displayed (for sensor values see floor temperature controller, NO contact, with centre plate on page **i820**).
- For controlling a room separated from the thermostat the floor temperature sensor can be installed with a sensor insert order no. 7594 10 01 at an appropriate installation location.

Technical data	Thermostat, NO contact, with centre plate, time-controlled Order no. 2044 ..
Operating voltage, rated frequency	AC 230 V~, 50 Hz
Output	Relay NO contact, non-isolated
Switching current	10 mA ... 10 (4) A
Power consumption	approx. 1.2 W
Operating temperature	0 ... 40 °C (without condensation)
Storage temperature	-20 ... 70 °C (without condensation)
Degree of protection	IP30
Protection class	II
Room thermostat (with limiter)	5 ... 30 °C
Floor thermostat	10 ... 40 °C
Output signal	Pulse width modulation (PWM) or Two-point control (On/Off)
Minimum event	10 min
Time deviation	< 4 min per year
Power reserve via lithium battery (permanently installed)	approx. 10 years

Multimedia technology

VGA module [1994]

The VGA module is used to connect display devices on a graphic card. Depending on the quality, VGA cables can be susceptible to interference at lengths of under 5m, or they can still transmit a good signal at lengths in excess of 30 m. Cables suited for high frequency with a coaxial structure for the colour channels are advantageous.

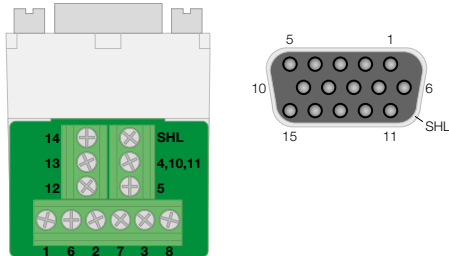


Figure 1: VGA module

PIN	Transmission signal	wire
1	Red	Coaxial wire
2	Green	Coaxial wire
3	Blue	Coaxial wire
4*	Monitor ID Bit 2	Twisted pair wire (optional connection)
5	Ground	Twisted pair wire
6	Red ground	Coaxial shielding
7	Green ground	Coaxial shielding
8	Blue ground	Coaxial shielding
9	Unassigned	Not contacted
10*	Synchronous ground	Twisted pair wire
11"	Monitor ID bit 0 or digital ground	Twisted pair wire (optional connection)
12	Monitor ID bit 1	Twisted pair wire (optional connection)
13	Horizontal synchronisation	Wire 1
14	Vertical synchronisation	Wire 2
15	Monitor ID bit 3	Not contacted
SHL	Housing shielding	External shielding

* are connected together on one terminal.

S-Video module [1993]

The S-Video (also known as Separate Video, Y/C) module is used for separate transmission of brightness (luminance) and colour (chrominance) information. Cable length should not exceed 10 m.

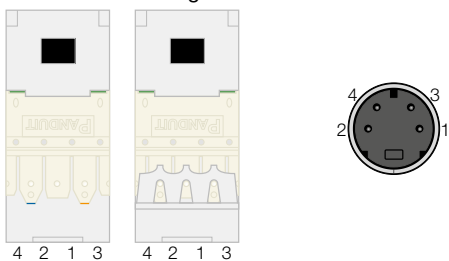


Figure 2: S-Video module

PIN	Transmission signal
1	Luminance (Y) earth
2	Chrominance (C) earth
3	Intensity (luminance) Y
4*	Colour (chrominance) C

Cinch module [1992]

Cinch (RCA) is the designation of standardised connectors for transmitting electrical signals, primarily via coaxial cables. Use of other cable types is not widespread, however it is possible.

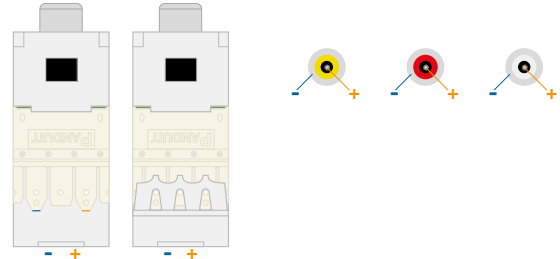


Figure 3: Cinch module

Telecommunications

Arrangement in cable in star 4 configuration

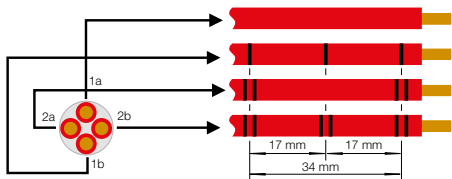


Figure 1: Star 4 configuration- marking with rings

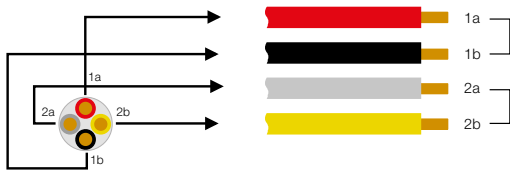


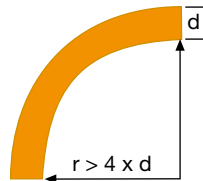
Figure 2: Star 4 configuration- marking with colours

wire	Current colour code	Previous colour code
1a	rd = red	ye = yellow
1b	bl = black	rd = red
2a	ws = white	gn = green
2b	ye = yellow	bl = blue

Notes to cat. 5 and 6 cables

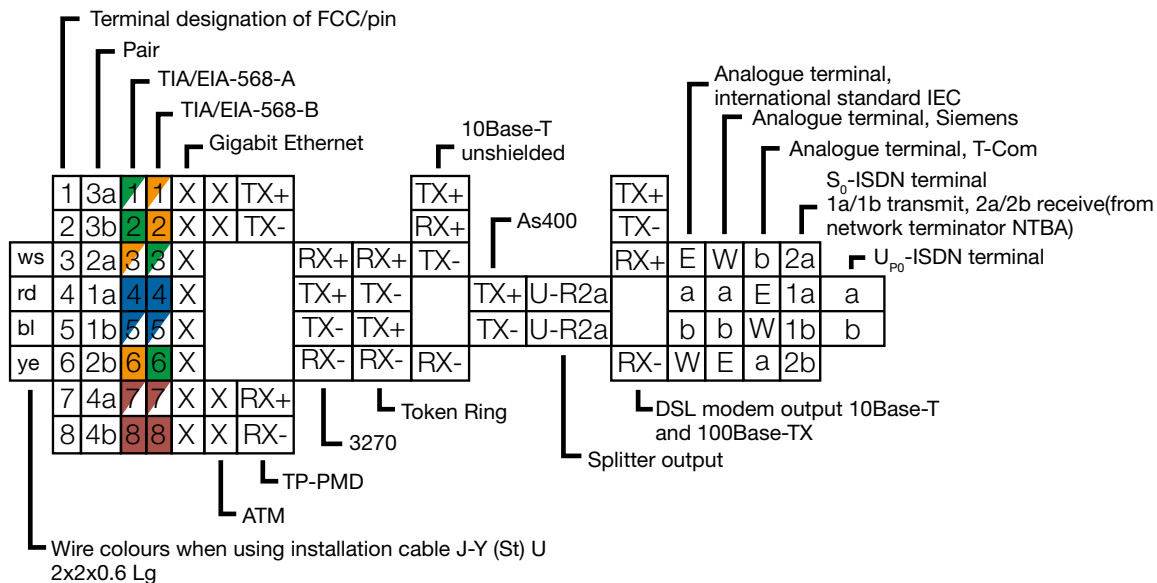


⚠ The twisted pair wires (twisted) must not be drilled more than 13 mm, as otherwise the transmission properties will change. In the case of shielded cables, apply the shield.

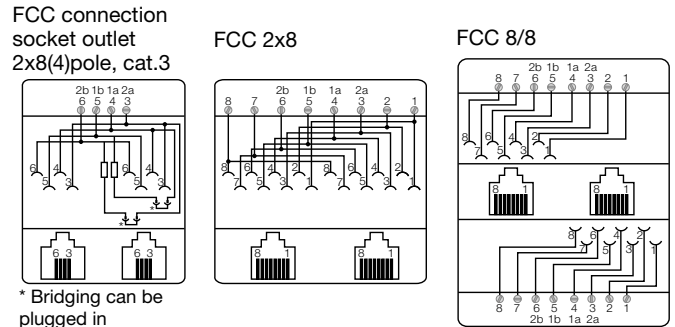
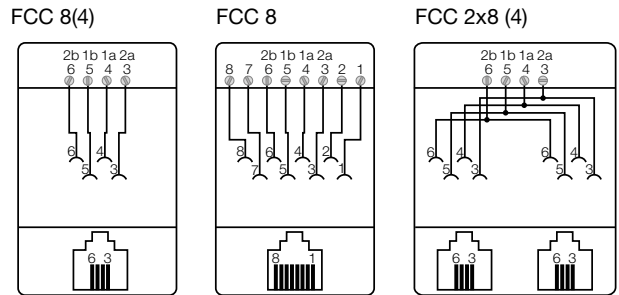


⚠ The bend radius "r" of the cable must not be less than 4 x the cable diameter "d" ($r > 4 \times d$).

Contact assignment FCC RJ45



Pin assignment of FCC connector boxes



* Bridging can be plugged in

Aerial systems terms

ADR (Astra Digital Radio): digital audio radio programmes on a sub-carrier analogue TV transponder.

Azimuth: Azimuth means the alignment of the south-facing satellite aerial (horizontal angle).

SAT-band: (SAT-IF, Input-IF) intermediate frequency bands used by satellite receivers:

- 950 ... 2050 MHz (standard band)
- 950 ... 2400 MHz (extended band)

High-Band: frequency range 11.7 ... 12.75 GHz of a satellite. Here mostly only digital programmes are broadcast.

Low-Band: frequency range 10.7 ... 11.7 GHz of a satellite. Systems with older LNBs cannot receive the whole range of the band (typically only 10.950 to ... 11.7 GHz analogue).

BK bands

- Reverse channel, frequency 5 ... 47 MHz
- Band I (VHF I), channel 2 - 4, frequency 47 ... 85 MHz
- Band II (UKW, VHF II), frequency 87.5 ... 108 MHz
- USB Band, Lower Special Channel Range (VHF), channel S2 - S10, frequency 108 ... 174 MHz
- Band III (VHF III), channel 5 - 12, frequency 174 ... 230 MHz
- OSB Band: Upper Special Channel Range (VHF), channel S11 - S20, frequency 230 ... 300 MHz
- Hyperband expanded special channel area (VHF), channels S21 - S38
- Band V (UHF), channel 21 - 37, frequency 470 ... 606 MHz
- Band V (UHF), channel 38 - 69, frequency 606 ... 862 MHz
- Sat-ZF (UHF), frequency 950 ... 2400 MHz

BER (Bit error rate): denotes the quality of a data signal after it has been received and demodulated. The lower the rate, the better the signal.

Conditional Access (CA) System: controls the access by users to services and programmes which are encrypted for copyright or commercial reasons.

Common Interface (CI): uniform interface for digital set-top boxes for PCMCIA modules with card readers for smart-card by practically all pay TV companies.

Attenuation types

<p>Transmission loss: Attenuation for throughpass sockets between trunk input and trunk output</p>	
<p>Attenuation: for throughpass and single sockets. Attenuation between trunk input and the output sockets</p>	
<p>Decoupling internal: Attenuation between plug output and socket output.</p>	
<p>Directional attenuation: Attenuation between trunk output out and the output sockets.</p>	
<p>Decoupling: Attenuation between two aerial sockets.</p>	

DiSEqCTM (Digital Satellite Equipment Control): switching signal generated by the satellite receiver, for controlling and switching LNB and multi-switches. This allows several satellite positions for rotary and multi-feed systems to be controlled. DiSEqC is a trade mark of the European Satellite Organization (EUTELSAT) and arose out of cooperation between EUTELSAT and Phillips.

Elevation: elevation is understood to mean the vertical angle (inclination) of the aerial.

EPG (Electronic Programme Guide): electronic programme guide.

Free-to-Air: free-to-air receivers receive exclusively free (non-encrypted) programmes.

LNB (Low Noise Block Converter): a feed system also known as LNC. Reception unit at the focus of the parabolic mirror, which converts the high-frequency satellite downlink into a 1.Sat intermediate frequency suitable for the receiver.

Multi-feed: a technique that allows reception of multiple satellites using just one single fixed aerial.

Multi-switch (Multi-switch): electronic slide switch that enables each subscriber to switch between different reception levels, frequency ranges and satellites. When receiving from 2 or more satellites the DiSEqC switch is required, which controls multi-switches and also receivers.

Parabolic mirror: the most commonly used design for satellite (reception) aerials. Concentrates the electromagnetic waves in the feed system (LNB).

Signal Level Adjuster: for reducing levels that are too high (cable equalisation).

Polarisation: plane of the electrical components of an electromagnetic wave (direction of oscillation). For satellite transmission two different planes are used: the horizontal and the vertical (linear polarisation), the better to exploit the frequency spectrum. The system is based the bands for two adjacent channels being positioned so they partially overlap each other. The interference that could result is prevented by polarising the two channels in different planes.

QAM (Quadrature Amplitude Modulation): digital modulation process with phase shift keying, used for transmission in cable networks.

QPSK (Quadrature Phase Shift Keying): digital modulation process used for satellite transmission.

Set Top Box: standardised designation for a digitally suitable satellite or cable receiver.

SR (Symbol Rate): parameter that must be entered to allow manual searching of the receiver. (e.g. 22000, 27500).

Tone-Burst (also Simple DiSEqC): a type of Mini-DiSEqC has been defined as an economical way of extending old systems to a wider circuit configuration (in addition to 14/18 Volt and 22 kHz). This merely modulates a sequence of bits "0" (satellite A) or "1" (satellite B) to the 22 kHz signal. The Tone-Burst signal was developed to permit simple changing over between two LNBs and is suitable for controlling relays (two inputs at one output) and for the new Monoblock LNB. For SAT position A the 22 kHz signal is sent continuously, for SAT position B it is pulsed. A Tone-Burst signal lasts for about 12.5 ms.

Transponder: frequency containing multiple channels. In analogue systems a TV programme and multiple sound channels can be transmitted for each transponder. In digital systems (QPSK) the transmission capacity is 6-10 TV programmes with sound channels.

Wiring structures (also see Planning recommendations):

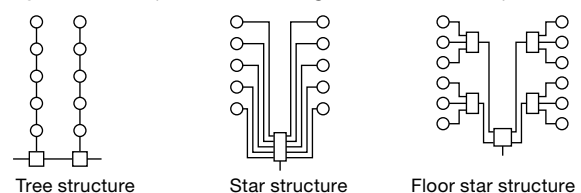


Figure 1: Wiring structures

Connection/transmission losses

Aerial socket 2-hole single socket [Order no. 4502 10]



Connection	Frequency range	Attenuation
IEC (male)	5 ... 47 MHz	1.5 dB
	47 ... 862 MHz	4 dB
	950 ... 2150 MHz	5 dB
	2150 ... 2400 MHz	6.5 dB
IEC (female)	5 ... 47 MHz	1.5 dB
	47 ... 862 MHz	4 dB
	950 ... 2150 MHz	5 dB
	2150 ... 2400 MHz	5 dB

Aerial socket, 2-hole with hinged cover surface-mounted, single socket [Order no. 1203 35 1.., 1203 35 4..]



Connection	Frequency range	Attenuation
IEC (male)	4 ... 862 MHz	type 5 dB
IEC (female)	4 ... 862 MHz	type 5 dB

Aerial socket 2-hole throughpass socket [Order no. 4515 10, 4515 15, 4515 20]



Design		10 dB	15 dB	20 dB
IEC (male)	5 ... 47 MHz	6 dB	10.5 dB	20 dB
	47 ... 862 MHz	7.5 dB	13 dB	20 dB
	950 ... 2150 MHz	10.5 dB	13.5 dB	23 dB
	2150 ... 2400 MHz	13 dB	14 dB	23 dB
IEC (female)	5 ... 47 MHz	11 dB	10.5 dB	18 dB
	47 ... 862 MHz	8.5 dB	13 dB	21 dB
	950 ... 2150 MHz	9 dB	14 dB	23 dB
	2150 ... 2400 MHz	10 dB	14.5 dB	24.5 dB

Connection	Frequency range	Transmission loss		
IN -> OUT	5 ... 862 MHz	4 dB	1.2 dB	0.6 dB
	950 ... 2150 MHz	4 dB	2 dB	1 dB
	2150 ... 2400 MHz	7 dB	2.2 dB	1.4 dB

Aerial socket, 2-hole with hinged cover surface-mounted, throughpass socket [Order no. 1203 35 2.., 1203 35 5..]



Connection	Frequency range	Attenuation
IEC (male)	4 ... 862 MHz	type 10 dB
IEC (female)	4 ... 862 MHz	type 10 dB

Connection	Frequency range	Transmission loss
IN -> OUT	4 ... 862 MHz	< 1 dB

Aerial socket 3-hole single socket [Order no. 452210]



Connection	Frequency range	Attenuation
IEC (male)	5 ... 862 MHz	5.5 dB
IEC (female)	5 ... 862 MHz	5.5 dB
F-jack	950 ... 2400 MHz	2 dB

Aerial socket, 3-hole with hinged cover surface-mounted, single socket [Order no. 1203 35 3.., 1203 35 6..]



Connection	Frequency range	Attenuation
IEC (male)	4 ... 862 MHz	type 5 dB
IEC (female)	4 ... 862 MHz	type 5 dB
F-jack	950 ... 2400 MHz	type 2 dB

Aerial socket 4-hole single socket [Order no. 459410]



Connection	Input	Frequency range	Attenuation
IEC (male)	IN 1	47 ... 68 MHz	2 dB
		254 ... 862 MHz	2 dB
IEC (female)	IN 1	87.5 ... 230 MHz	1.5 dB
F socket 1	IN 1	950 ... 2150 MHz	2 dB
F socket 2	IN 2	5 ... 2150 MHz	2 dB

Planning recommendations

Between the aerial sockets the decoupling attenuation must be a minimum of 40 dB. Terminal boxes have no decoupling, and are always branched with splitters. The connection at a branch is also called a spur, and only here a terminal box can be connected. At the through passage of a splitter, on the other hand, only through-sockets or other splitters may be connected. Only throughpass sockets can be connected to distributors (too little decoupling) only, because only in this manner the decoupling will be sufficient. The last throughpass socket must be terminated with a 75 ohm terminating resistor.

Signal-to-noise ratio and noise figure

The signal-to-noise ratio SNR is the ratio, expressed in decibels, of the signal power to the noise power. The noise figure NF is the logarithmic ratio [dB] between the signal-to-noise ratio SNR_{in} at the input of an active module (e.g. amplifier) and the signal-to-noise ratio SNR_{out} at the output.

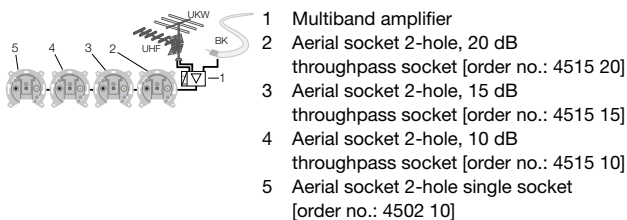
Signal-to-noise ratio	Noise	Picture quality
> 46 dB	not visible	very good
37 dB	visible, but not annoying	good
30 dB	clearly visible, annoying	unsatisfactory
< 26 dB	outweighs	unsatisfactory

Level recommendation at the aerial sockets based on EN 50083-7:

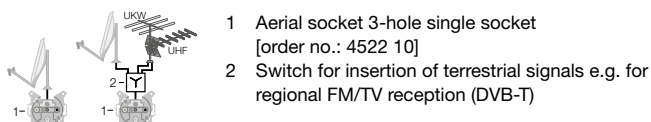
Frequency (measuring device setting)	Level in dBµV (unsensitive)		Slope max.	Noise factor/quality bit error rate
	min.	max.		
UKW 87.5 ... 108 MHz (FM)	50	70	15	C/N: 38 dB Mono C/N: 48 dB Stereo
Terrestrial digital 47 ... 862 MHz (COFDM)	45	70	12	C/N: 25 dB; BER: < 2.0 E-4 (before Viterbi FEC 3/4) MER: 24 dB
CATV digital 47 ... 862 MHz (64-QAM)	47	67	12	BER: 2.0 E-7 MER: 30 dB
SAT-ZF digital 950 ... 2150 MHz (QPSK)	47 (53)	77 (70)	15 (7)	C/N: 11 dB; BER: 2.0 E-4 (before Viterbi FEC 3/4) MER: 15 dB

- LED, LCD and plasma televisions need larger signal-to-noise ratios for a visually less noisy picture (50 dB). The level should not exceed 74 dB.
- Execute the system as a star structure if possible
- Install splitters and distributors in accessible spaces
- Install coaxial cables in ductwork systems
- Observe bending radii of the coaxial cables
- Install amplifiers in dry spaces with their own power supply
- Provide a ductwork connection to basement storage
- Connect building distribution network to building equipotential bonding
- Frequency range broadband cable network BC: 47 ... 862 MHz
- Frequency range SAT-ZF: 950 ... 2400 MHz
- Dimension aerial sockets for broadband
- Shielding value building distribution network min. 75 dB better 90 dB according to Class A
- Use return path compatible components for connection to the backbone

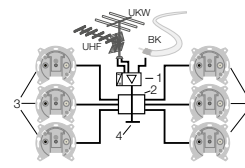
Aerial system terrestrial and/or broadband cable BK in tree structure:



SAT aerial system with single universal LNB for digital reception of a satellite.



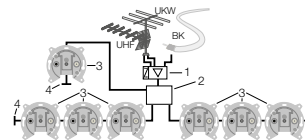
Aerial system terrestrial and/or broadband cable BK in radial structure:



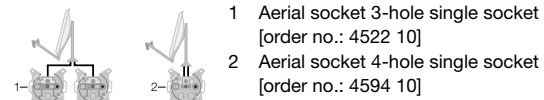
- 1 Multiband amplifier
- 2 Branch
- 3 Aerial socket 2-hole single socket [order no.: 4502 10]
- 4 Terminating resistor 75 Ohm]

A If only 1 aerial socket is available in a broadband cable system, a throughpass socket with terminating resistor must be used.

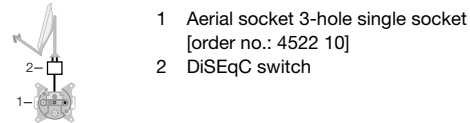
Aerial system terrestrial and/or broadband cable BK in tree structure/radial structure



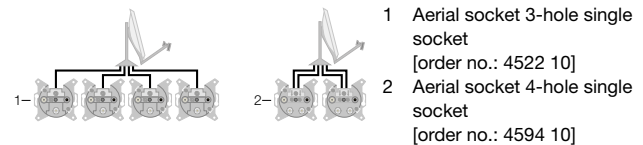
SAT aerial system with twin universal LNB for 2 receivers or twin receiver for viewing one channel and recording another, e.g. 2 x Astra:



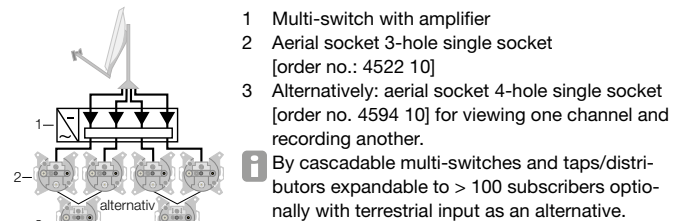
SAT aerial system with 2 squinting single universal LNBs for reception of two satellites e.g. Astra and Hotbird (Eutelsat):



SAT aerial system with Quad switch LNB, e.g. for 4 receivers, e.g. 4 x Astra:



SAT aerial system with Quattro LNB and multi-switch with amplifier



Notes on coaxial cables

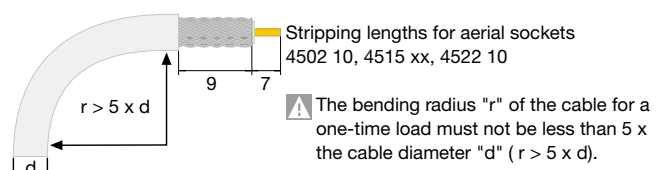


Figure 1: Bending radii and stripping lengths

Definition of terms

Resolution: Measure of the size of a picture, measured by the number of pixels (pixel density) or in the number of rows and columns (width and height).

HDCP (High Bandwidth Digital Content Protection): Copy protection for high bandwidth digital programme contents in conjunction with DVI and HDMI.

MPEG (Moving Picture Expert Group): Reduction method for image and sound data. In contrast to analogue methods (here, 25 complete images with all the relevant information are transmitted per second), the MPEG method uses only actual image changes and calculates the full image to be displayed.

DVB (Digital Video Broadcasting): Standardised method to transmit compressed (MPEG-2, H.264) digital content (TV, radio, multi-channel sound, spatial sound, interactive services). DVB-S stands for satellite transmission, DVB-T for terrestrial and DVB-C for cable.



Interface standard

USB (Universal Serial Bus): [USB/3.5 mm audio socket, order no. 33 1539 ..] Serial bus system to connect computer systems and display devices to external devices or storage media. Connection is possible during operation. The properties of connected devices are detected automatically. (Plug&Play). For home cinemas, storage media such as USB sticks and hard drives help to expand the recording devices for connection to pure playback devices.



HDMI (High Definition Multimedia Interface): [High Definition socket, order no. 33 1542 ..] Interface for fully-digital transmission of audio and video data. HDMI video data are reverse-compatible to DVI-D.

DVI (Digital Video Interface): Standard interface for transmitting image data. This interface can be used to connect display devices such as LCD displays, projects, TFT monitors, plasma displays or video cameras to the graphics card of a computer.



Video transmission signals:

- DVI-I: analogue und digital
- DVI-D: digital
- DVI-A: analogue

Audio standards

Dolby® Digital (also termed 5.1 sound) Digital multi-channel audio system for cinemas and home cinemas. Successor system to Dolby Surround (orDolby 2.0 with activated Dolby Surround-Flag). Dolby® Digital supports up to 6 discrete channels (5 loudspeakers, 1 subwoofer) and uses imperfect data compression.



Dolby® TrueHD Loss-free audio codec, specially developed for use on disc media such as HD-DVD and Blu-ray.



Video standards

HD ready Technical specification for a device to play back high-definition television (HDTV):

- analogue component input (YPbPr / YUV)
- digital, copy-protection-capable (HDCP) input (DVI-D/-I or HDMI)
- Support of the HD video formats 720p and 1080i (for 50/60 Hz image repeat rate)

Full HD Ability of a HDTV-compatible device (receiver, TV, DVD player, video camera, games console, etc.), to output or record HD resolutions. Due to different manufacturer designs (1080p full images, 1080i half images), this is not an indication of the image quality, image dimension or the display output of the device.

HDTV (High Definition Television) Global digital recording, production and transmission standard for television with a usable image resolution of up to 1920 x 1080 pixels in a 16:9 format.

	PAL	HDTV	
		HD ready (720p)	Full HD (1080i/1080p)*
Vertical resolution (image lines)	576	720	1080
Horizontal resolution (image columns)	720	1280	1920
Pixels (max.)	414720	921600	> 2 million
Format	4:3	16:9	16:9
Frequency	50 Hz	50 ... 60 Hz	50 ... 60 Hz

Figure 1: TV standards and data

- * *1080i (interlaced, half image method)
Advantage: Half transmission rate
Disadvantage: Half images must be recombined through a converter in the TV device
- * *1080p (Progressive, full image method)
Advantage: No subsequent combination of the images requires, as all 1080 are shown simultaneously with full pixel accuracy within a frame
Disadvantage: Very high transmission rate

Digital video formats	
VCD	352 x 288 pixels
SVCD	576 x 480 pixels
DVD	max. 720 x 576 Pixel
Blu-ray Disc	max. 1920 x 1080 Pixel

Figure 2: Resolution of current PAL video formats

Video images with a low resolution of a 4:3 side ratio (SD, standard definition) must be scaled up for playback on HDTV devices. Detail losses lead to a poorer image quality.

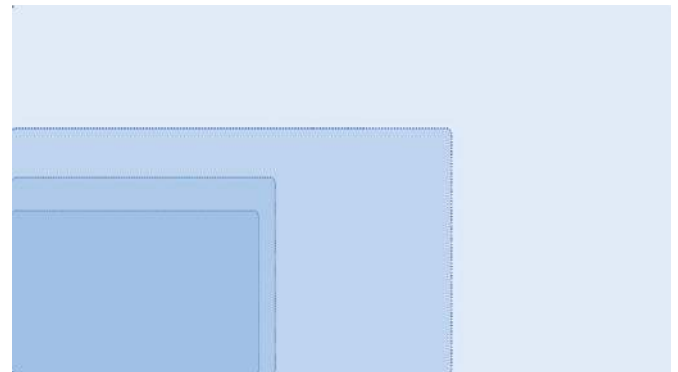
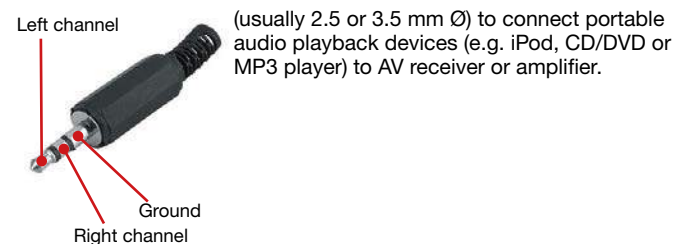


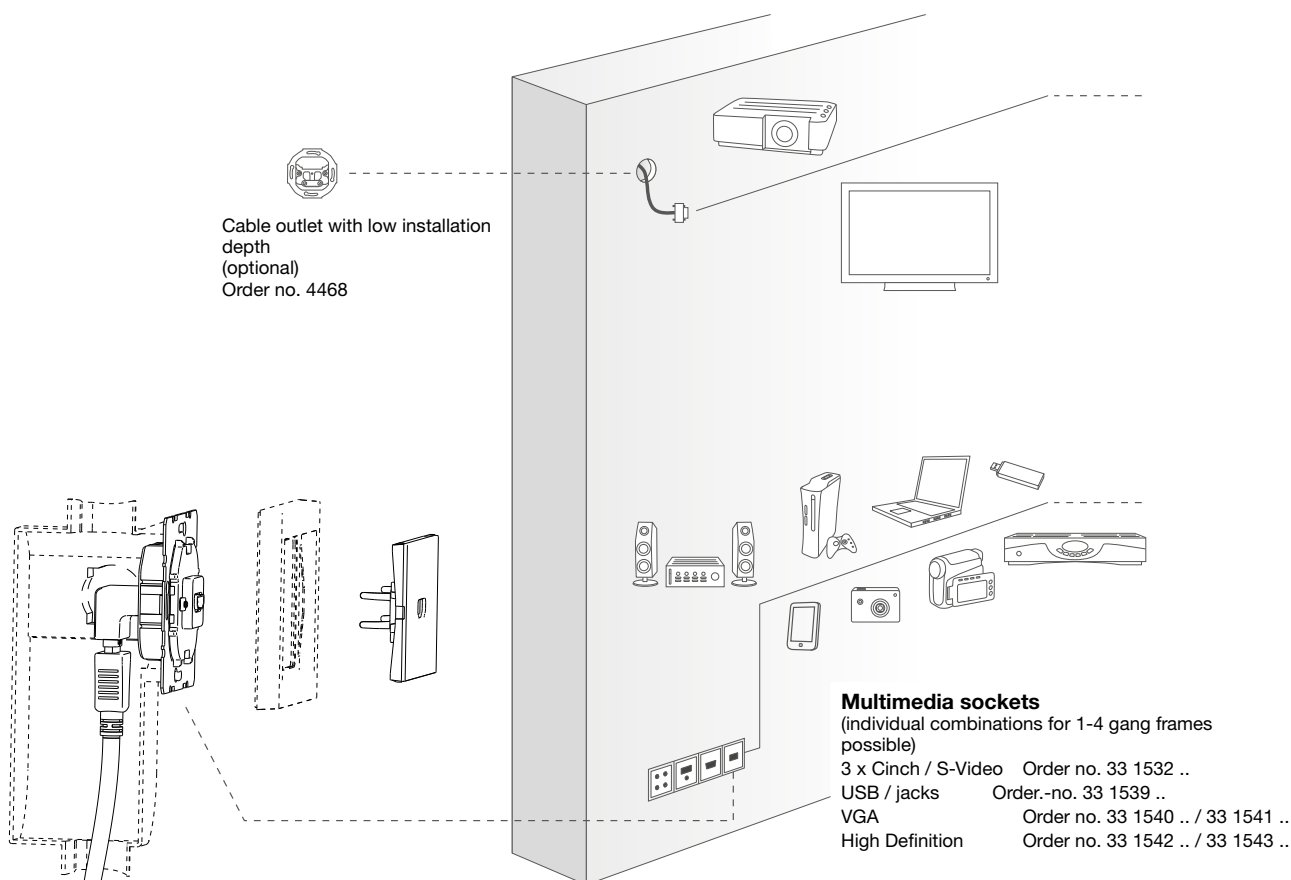
Figure 3: Format comparison

Connectors

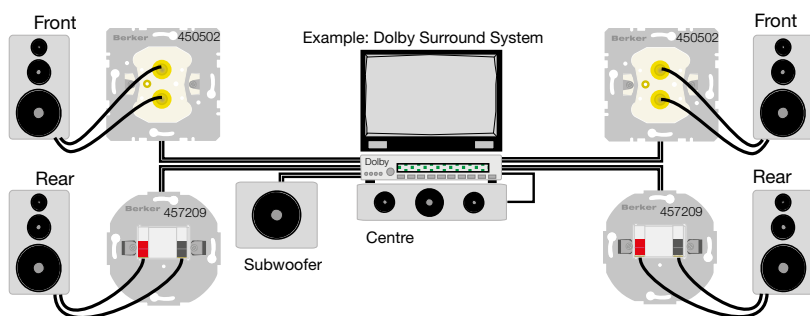
Jack connector [USB/3.5 mm audio socket outlet, order no. 33 1539 ..]



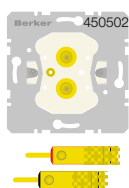
Application example for berker multimedia socket outlets
for flush-mounted or hollow-wall mounting



Application example loudspeaker socket outlet

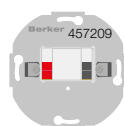


Loudspeaker socket outlet High End



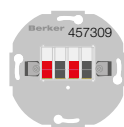
with 2 connectors, 2 banana plugs and 2 cable lugs, gold-plated metal design, for cable cross-section of up to max. 10 mm², for 1 loudspeaker

Loudspeaker connector box



with plug-in terminals, for cable cross-section of up to max. 10 mm², for 1 loudspeaker

Stereo loudspeaker connector box



with plug-in terminals, for cable cross-section of up to max. 10 mm², for 2 loudspeakers



Residual current safety devices

The use of residual current safety devices is regulated by the VDE 0100-410 (Germany). According to DIN VDE 0100-410: 2007-06, alternating current systems must be provided with additional protection by means of residual-current safety devices ≥ 30 mA. This applies to socket outlets with a rated current not greater than 20 A that are intended for use by non-experts and for general use. Exceptions are regulated in section 411.3.3. DIN VDE 0100-410: 2007-6.

The devices described here are used primarily when modifying and expanding existing systems if no higher-level residual current protection is present.

The test button "T" can be used to test the electrical and mechanical functioning. The integrated switch lever can be used to switch on the SCHUKO socket outlet with residual current circuit-breaker and the residual current circuit-breaker again after triggering (when testing or after eliminating the fault).

Installation instructions

-  Connection in TN-C network only permissible in systems with existing inventory protection.
-  All devices connected to the outgoing conductors are protected.

Permissible earthing resistance for 30 mA residual current circuit-breaker for a highest permissible electric shock of:

- 25 V : 833 Ω
- 50 V : 1666 Ω

SCHUKO socket outlet with residual current circuit-breaker [4708 ..]

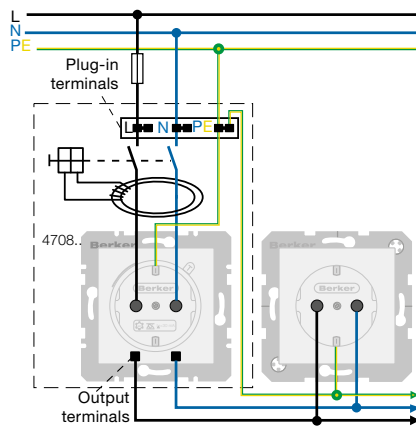
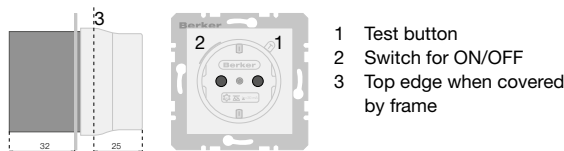


Figure 1: Connection in TN-S or TT network

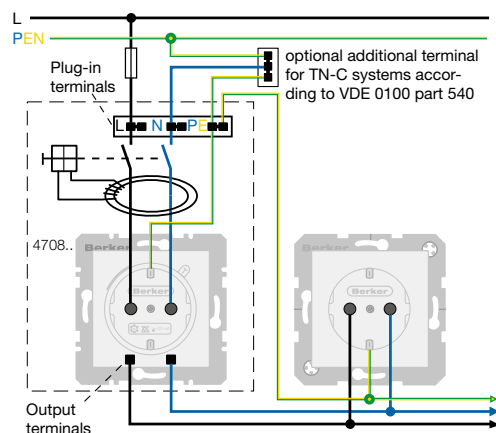


Figure 2: Connection in TN-C network

Residual current circuit-breaker [2844 01]

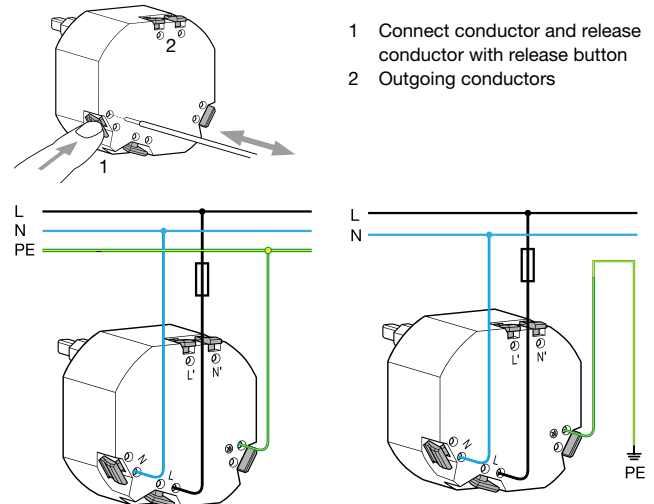


Figure 3: Connection in TN-S or TT network

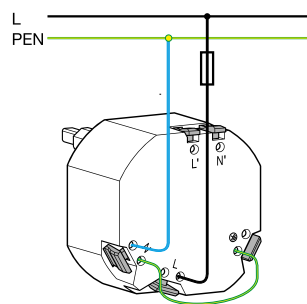


Figure 4: Connection in TN-C network

Technical data

Residual current safety devices	
Rated voltage	230 V~, 50/60 Hz
Rated current	16 A
Residual-current protected outgoing feeders	L, N
Rated fault current	30 mA alternating currents and pulsating direct currents
Trigger time	≤ 30 ms
Mounting orientation	any
Wall box	according to DIN 49073 part 1: 1990-02
Fastening	Claws and screw fastening
Operating temperature	-25 ... 40°C
Connecting terminals	Plug-in terminals for max. 2.5 mm ² or 2 x 1.5 mm ²
Installation depth	32 mm
SCHUKO socket outlet with residual current circuit-breaker	
Surge resistance	250 A (8/20) μ s (DIN VDE 0432 T2)
Rated short circuit capacity	3 kA with back-up fuse 20 A filament lamp
Rated switching capacity I_m	500 A
I^2t proof	≥ 2.5 kA ² s
Dynamic surge capacity I_p	≥ 1.7 kA
Definition	EN 61008 part 1 and 2-1: 1994
Degree of protection	IP20
Residual current circuit-breaker	
Surge resistance	3000 A (8/20) μ s (DIN VDE 0432 T2)
Short-circuit withstand strength	3 kA with back-up fuse 16 A gG
Definition	IEC/EN 61008-1, IEC/EN 60884-1
Degree of protection	IP20, IP44 (vertical installation)

Overvoltage protection

Overvoltages are extremely high voltages that impair or even destroy the insulation of electrical and electronic devices as well as their functions. The main causes for overvoltages are lightning discharges, switching operations (inductive loads), electronic discharges or faulty switching.

Overvoltage protectors are divided into three categories/types (Table 1).

Classification			Insert
old	VDE IEC 0675	37A	
Coarse protection	B surge arrester	Class I	Protection against lightning (power supply, main distributor, ...)
Medium-level protection	C surge arrester	Class II	Protection of the fixed installation (power distribution unit, ...)
Fine protection	D surge arrester	Class III	Protection of devices (house electronics, ...)

Figure 1: Classification of overvoltage protection devices

Sensible overvoltage protection consists of coarse, medium and fine protection.

The arrangement of the overvoltage protection devices in the electrical installation is illustrated in Figure 2 for the different types/classes.

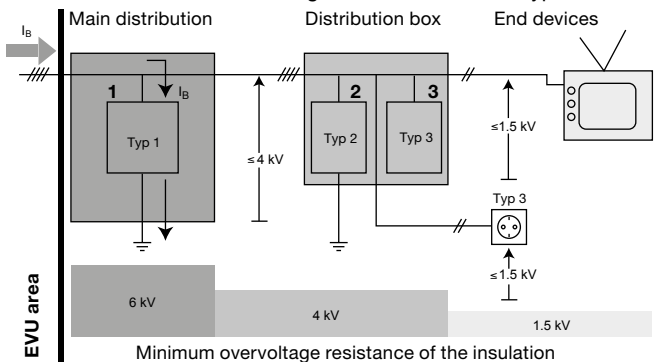


Figure 2: Arrangement of the overvoltage protection devices in the electrical installation

SCHUKO socket outlet with overvoltage protection [4108 .., 4152 ..]

The SCHUKO socket outlet with overvoltage protection is used for protecting power supply units e.g. for:

- Computer systems
- Medical devices
- Measuring, controlling and regulating devices
- TV, video and audio devices

The basic circuitry consists of a combination of varistors and gas-filled surge arresters (Figure 2). Varistors can be overloaded as a result of too high or too frequent overvoltage demand. The result is an increased leakage current through the components. This causes heat to build up. A thermal cut-off device monitors the varistors and disconnects these from the mains before they heat up too much. The mains voltage is still present.

If the cut-off triggers, the red indicator lamp lights up red regardless of whether or not a plug is connected to the socket outlet. If a device is plugged in, an acoustic fault signal (buzzer) sounds and falls silent again as soon as the connector plug is pulled out.

Active indicator lamps on the device indicate:

- **Green:** Mains voltage is present
- **Red (+ acoustic signal):** Thermal cut-off device has responded, there is no protection against overvoltages anymore. The SCHUKO socket outlet with overvoltage protection must be replaced.

Installation instructions:

- Overvoltage protection according to EN 61643-11 and VDE 0675 Section 6-11 surge arrester type 3, One Port
- Requirement class for D surge arrester
- Installation in wall box according to DIN 49 073 Section 1
- Lay lines as short as possible between the load and socket outlet with overvoltage protection. Do not provide more than 4 m including leads of wired-through socket outlets (Figure 4).
- Do not lay protected cables parallel to unprotected cables (overvoltage coupling).

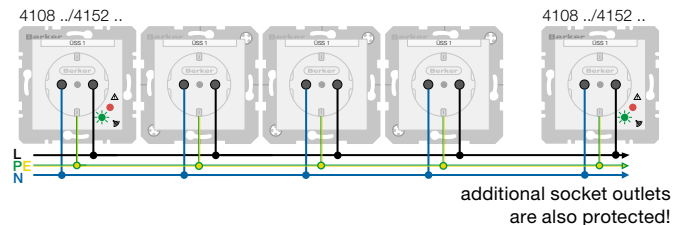


Figure 3: Installation in combination with SCHUKO socket outlets

Discharge of overvoltages against ground by means of overvoltage protection can cause the triggering of residual current circuit-breakers. Use a surge resistant residual current circuit-breaker if necessary.

During insulation measurements, all overvoltage protection units must always be disconnected since the protection components limit the test voltage (erroneous measurements).

Technical data - performances

SCHUKO socket outlet with overvoltage protection	Order no. 4108 .., 4152 ..
Rated voltage	230 V~, 50/60 Hz
Rated current I_N	16 A
Operating current I_C at U_r	< 2.3 mA
Surge arrester rated voltage U_r	255 V~
Discharge current according to PE at U_r	< 1 μ A
Rated discharge current of surge protection I_{sn} (8/20) μ s: sym./asym.	1.5 kA (100x)
Discharge current i_s max (8/20) μ s: sym./asym.	4.5 kA (1x)
Protection level: L/N (L/PE; N/PE)	< 1.2 kV (1.5 kV)
Response time t_a : sym./asym.	25 ns/100 ns
Screw terminals for rigid conductors	2.5 mm ²
Temperature range	-5 ... 40°C

International socket outlets

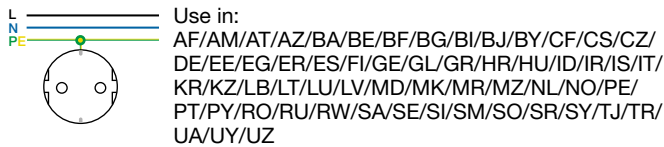


Figure 1: SCHUKO socket outlet* - 2pole + earth, 250 V~, 16 A

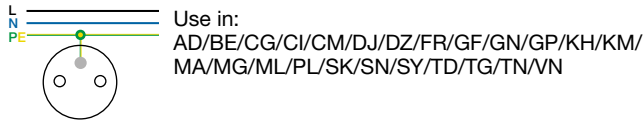


Figure 2: Socket outlet with earthing pin FRANCE/BELGIUM* - 2pole + earth, 250 V~, 16 A

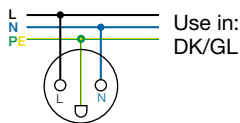


Figure 3: Socket outlet with earthing contact DENMARK - 2pole + earth, 250 V~, 13 A

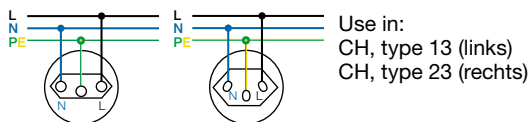


Figure 4: Socket outlet with earthing contact SWITZERLAND - 2pole + earth, type 13: 250 V~, 10 A; type 23: 250 V~, 16 A

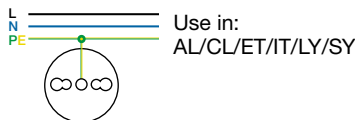


Figure 5: Socket outlet with earthing contact ITALY* - 2pole + earth, 250 V~, 16 A



Figure 6: Socket outlet without earthing contact NETHERLANDS* - 2pole, 250 V~, 16 A

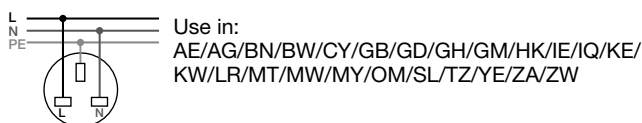


Figure 7: Socket outlet with earthing contact BRITISH STANDARD, standard: BS 1363 Part 2 - 2pole + earth, 250 V~, 13 A

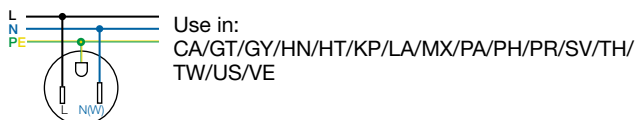


Figure 8: Socket outlet with earthing contact USA/CANADA NEMA 5-15 R - 2-pole + earth, 125 V~, 15 A (left Fig.); 5-20 R - 2pole + earth, 125 V~, 20 A (right Fig.)

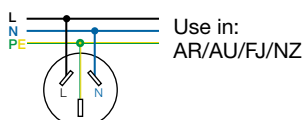


Figure 9: Socket outlet with earth contact AUSTRALIEN - 2pole + earth, 250 V~, 10 A (left Fig.); 250 V~, 15 A (right Fig.)

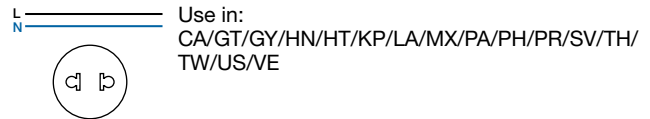


Figure 10: Socket outlet without earth contact EURO-AMERICAN STANDARD* - 2pole, 250 V~, 10 A

* Non-polarised system - without specification for the connection of the external wire and neutral conductor

Country abbreviations in accordance with ISO 3166

AD=Andorra; AE=United Arab Emirates; AF=Afghanistan; AG=Antigua; AL=Albania; AM=Armenia; AO=Angola; AR=Argentina; AT=Austria; AU=Australia; AZ=Azerbaijan; BA=Bosnia-Herzegovina; BE=Belgium; BF=Burkina Faso; BG=Bulgaria; BI=Burundi; BJ=Benin; BN=Brunei; BW=Botswana; BY=Belarus; CA=Canada; CF=Central African Republic; CG=Congo; CH=Switzerland; CI=Ivory Coast; CL=Chile; CM=Cameroon; CS=Republic of Serbia; CY=Cyprus; CZ=Czech Republic; DE=Germany; DJ=Djibouti; DK=Denmark; DZ=Algeria; EE=Estonia; EG=Egypt; ER=Eritrea; ES=Spain; ET=Ethiopia; FI=Finland; FJ=Fiji; FR=France; GB=Great Britain; GD=Grenada; GE=Georgia; GF=French Guiana; GH=Ghana; GL=Greenland; GM=Gambia; GN=Guinea; GP=Gadeloupe; GR=Greece; GT=Guatemala; GY=Guyana; HK=Hong Kong; HN=Honduras; HR=Croatia; HT=Haiti; HU=Hungary; ID=Indonesia; IE=Ireland; IQ=Iraq; IR=Iran; IS=Iceland; IT=Italy; KE=Kenya; KH=Cambodia; KM=Comoros; KP=North Korea; KR=South Korea; KW=Kuwait; KZ=Kazakhstan; LA=Laos; LB=Lebanon; LR=Liberia; LT=Lithuania; LU=Luxemburg; LV=Latvia; LY=Libya; MA=Morocco; MD=Moldavia; MG=Madagascar; MK=Macedonia; ML=Mali; MR=Mauretania; MT=Malta; MW=Malawi; MX=Mexico; MY=Malaysia; MZ=Mozambique; NL=Netherlands; NO=Norway; NZ=New Zealand; OM=Oman; PA=Panama; PE=Peru; PH=Philippines; PL=Poland; PR=Puerto Rico; PT=Portugal; PY=Paraguay; RO=Romania; RU=Russia; RW=Ruanda; SA=Saudi Arabia; SE=Sweden; SI=Slovenia; SK=Slovakia; SL=Sierra Leone; SM=San Marino; SN=Senegal; SO=Somalia; SR=Surinam; SV=El Salvador; SY=Syria; TD=Chad; TG=Togo; TH=Thailand; TJ=Tadschikistan; TM=Turkmenistan; TN=Tunisia; TR=Turkey; TW=Taiwan; TZ=Tanzania; UA=Ukraine; US=USA; UY=Uruguay; UZ=Uzbekistan; VE=Venezuela; VN=Vietnam; YE=Yemen; ZA=Zambia; ZW=Zimbabwe

The System Concept

Networking in the system environments

The electronic flush-mounted inserts can be used equally for non-networked as well as for radio networkable modules. They are connected to the loads to be controlled by cable and form a functional unit with the cover.

With the conventional electronic modules the directly connected loads (lighting or shading) can be controlled with a wide range of functions. This takes place on the application module by means of local operation (buttons) or triggered/preset automatic functions (motion detectors, time switches) as well as by wired extension units.

The extension units are particularly suitable for implementing several control sections for a load to be controlled.

KNX radio application modules are available for cable connected solutions or for retrofitting/extending existing installations. They communicate with each other as transmitters and receivers via radio sig-

nals. The easiest way of teaching transmitters and receivers is via the quicklink principle whereby the devices are switched to the programming mode by pressing a button and the transmitters are also taught by pressing function buttons for the receivers. The modules with the combinations of plug-in KNX radio modules can work bidirectionally as receivers of radio signals for the directly connected load and can equally serve as transmitters that can control other receivers with additional connected loads.

Teaching by means of quicklink has been conceived for smaller applications so that a maximum of 20 devices should be assigned to each other in these systems.

In the configuration of the KNX radio solutions with ETS software, operation can be transferred even to a wired KNX installation and vice versa by means of a gateway, furthermore other functions are available.

The solution offer is supplemented by KNX radio standalone devices that can also be linked as transmitters (hand-held transmitters, wall-transmitters or physical sensors) or as receivers (surface-mounted or flush-mounted actuators) to the KNX modules on the flush-mounted inserts by quicklink or by ETS commissioning.

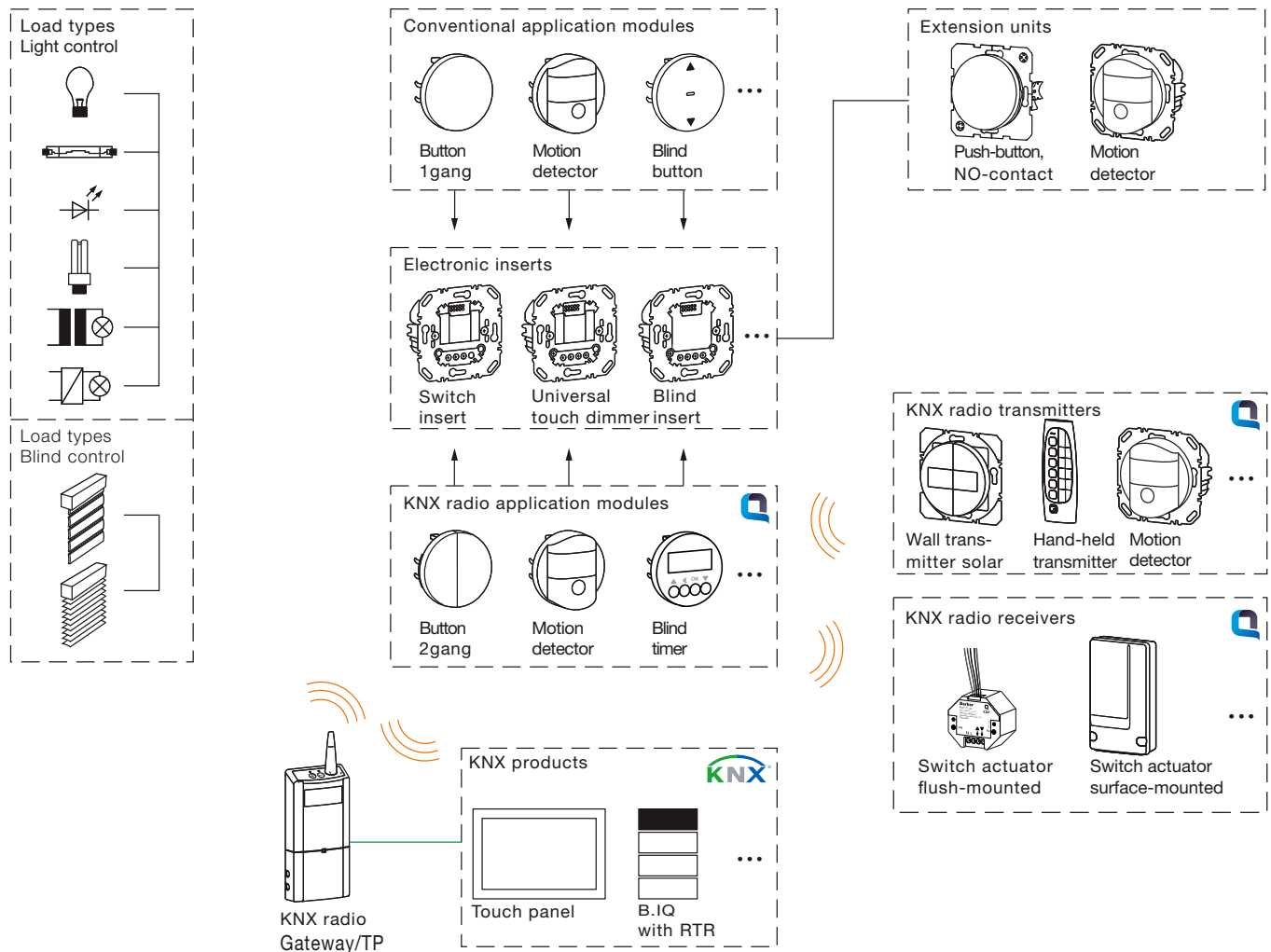


Figure 1: Universal system compatibility for almost all types of loads

Electronics inserts

Switch inserts	Technical data - performances
Operating voltage	230 V~, + 10 %/- 15 %
Frequency	50/60 Hz
Number of substations:	unlimited
Cable length, extension units	max. 50 m
Load cable length	max. 100 m
Relative humidity	0 ... 65 % (no condensation)
Operating temperature	- 5 ... + 45 °C
	observe operating conditions
Screw terminals	max. 1 x 2.5 / 2 x 1.5 mm ²

- ❗ Illuminated mechanical push-buttons must be connected to a neutral conductor.
- ❗ Operation of extension units is only possible if a module is attached to the main unit.
- ❗ Conventional transformers should be operated with at least 25 % nominal load. Nonetheless, 75 % is recommended because in individual cases, depending on the transformer, unstable switching performance may occur.
- ❗ During operation with conventional transformers, fuse each transformer on the primary side according to manufacturer's data. Use safety transformers that comply with EN 61558-2-6 (VDE 0570 Part 2-6) only.
- ❗ No mixed load operation of capacitive and inductive loads at the output.

Switch inserts

Switch insert 1gang [order no. 8512 11 00]

Suitable modules: Button 1gang, motion detector, IR motion detector Comfort, KNX radio button 1gang and 4gang as well as KNX radio motion detector

- i** Extension units for motion detectors can only be used if the switch insert is operated with a motion detector module.
- i** Only connect dimmable lamps, their transformers or operating devices. Observe manufacturer's data.
- i** The switching performance for the connection of different loads or energy-saving lamps and 230 V LED lamps can only be optimized by means of a load setting mode.
- i** Install a circuit breaker of max. 16 A as device protection.

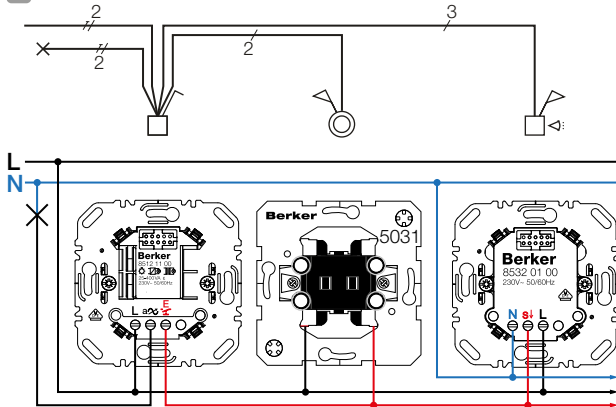


Figure 1: Switch insert with push-button (NO contact), and motion detector extension unit

Technical data - performances

Switch insert 1gang	Order no. 8512 11 00
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Installation depth	32 mm

Relay insert [order no. 8512 12 00]

Suitable application modules: Button 1gang, motion detector, IR motion detector Comfort, KNX radio timer, KNX radio button 1gang and 4gang as well as KNX radio motion detector

- i** Extension units for motion detectors can only be used if the switch insert is operated with a motion detector module.
- i** Install a miniature circuit breaker of max. 10 A as device protection.

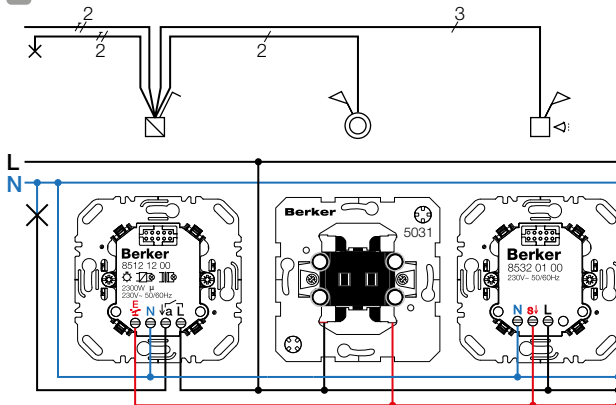


Figure 2: Relay insert with push-button (NO contact), and extension unit for motion detector

Technical data - performances

Relay insert	Order no. 8512 12 00
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Fluorescent lamps:	
- uncompensated	1100 VA
- parallel compensated	1000 W / 130 µF
- in lead-lag circuit	1000 W
- with electronic ballast	1000 W
Minimum contact load	≈ 15 W
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

Switch insert 2gang [Order number 8512 22 00]

Suitable application modules: Button 2gang and KNX radio button 2gang and 4gang

- i** Installation in deep wall box recommended.
- i** Only connect dimmable lamps, their transformers or operating devices. Observe manufacturer's data.
- i** The switching performance for the connection of different loads or energy-saving lamps and 230 V LED lamps can only be optimized by means of a load setting mode.
- i** Install a circuit breaker of max. 16 A as device protection.
- i** For power supply, a load must be connected to output 1 of the switch insert 2gang.
- i** Extension units for motion detectors are not suitable for the switch insert 2gang.
- i** Operating both outputs on a joint load will destroy the device.

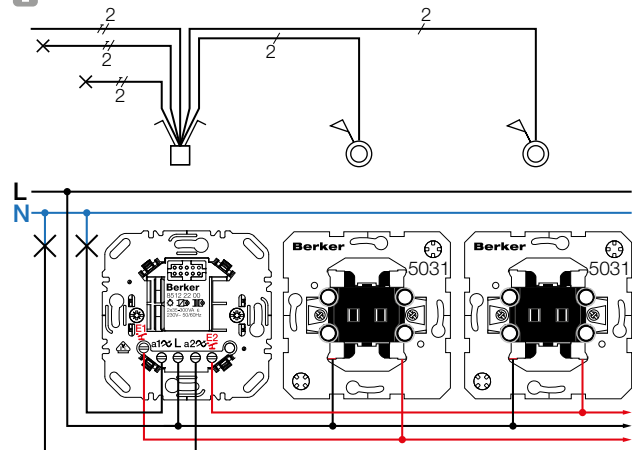


Figure 3: Switch insert 2gang with extension unit push-button (NO contact)

Technical data - performances

Switch insert 2gang	Order no. 8512 22 00
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 54 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Installation depth	32 mm

Dimmer inserts

- i** Only connect dimmable lamps, their transformers or operating devices. Observe manufacturer's data.
- i** Install a circuit breaker of max. 16 A as device protection.

Touch dimmer (R, L) [Order no. 8542 11 00]

Suitable modules: Button 1gang, motion detector, IR motion detector Comfort, KNX radio button 1gang and 4gang as well as KNX radio motion detector

- i** Extension units for motion detectors can only be used when the touch dimmer is operated with a motion detector application module.

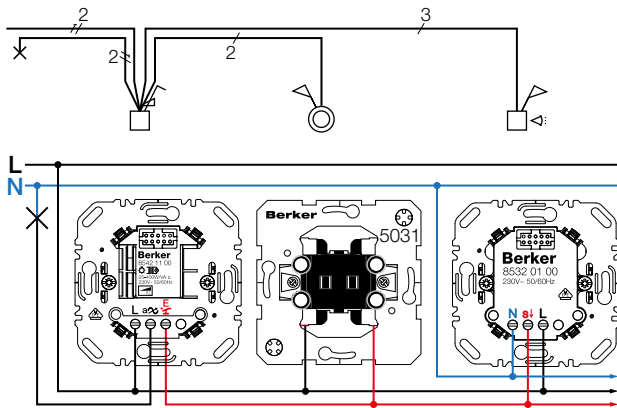


Figure 1: Touch dimmer (R, L) with push-button (NO contact) and extension unit for motion detector

Technical data - performances

Touch dimmer (R, L)	Order no. 8542 11 00
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Installation depth	32 mm

Universal touch dimmer 1gang [Best.-Nr. 8542 12 00]

Suitable modules: button 1gang, motion detector, IR motion detector Comfort, KNX radio button 1gang and 4gang as well as KNX radio motion detector

- i** Extension units for motion detectors can only be used when the touch dimmer is operated with a motion detector application module.
- i** When a load is connected, this is detected automatically and a suitable dimming performance is set. If different loads or energy-saving lamps and 230 V LED lamps are connected, the dimming performance can be further optimized by means of a load setting mode.

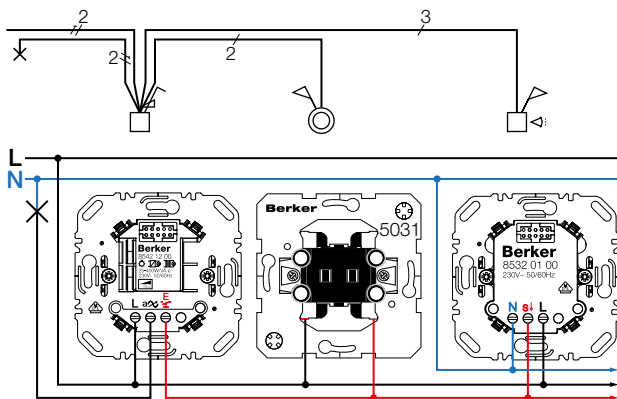


Figure 2: Universal touch dimmer 1gang with push-button (NO contact) and extension unit for motion detector

Technical data - performances

Universal touch dimmer 1gang	Order no. 8542 12 00
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Installation depth	32 mm

Universal touch dimmer 2gang [Order no. 8542 21 00]

Suitable application modules: Button 2gang and KNX radio button 2gang and 4gang

- i** Installation in deep wall box recommended.
- i** Install a circuit breaker of max. 16 A as device protection.
- i** When a load is connected, this is detected automatically and a suitable dimming performance is set. If different loads or energy-saving lamps and 230 V LED lamps are connected, the dimming performance can be further optimized by means of a load setting mode.
- i** For power supply, a load must be connected to output 1 of the touch dimmer 2gang.
- i** Extension units for motion detectors are not suitable for the switch insert 2gang.
- i** Operating both outputs on a joint load will destroy the device.

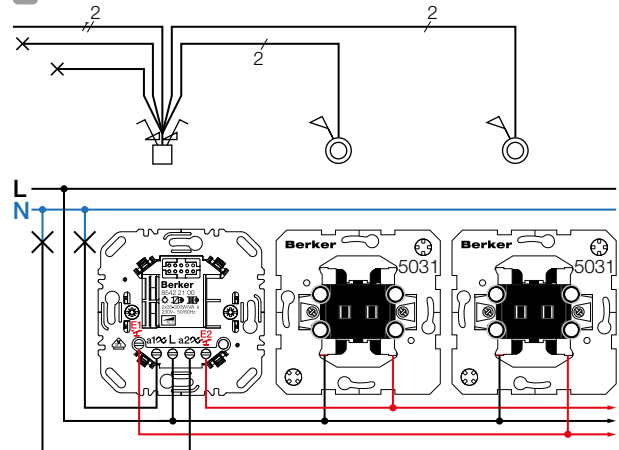


Figure 3: Universal touch dimmer 2gang with extension unit push-button (NO contact)

Technical data - performances

Universal touch dimmer 2gang	Order no. 8542 21 00
Power consumption (standby)	< 0.3 W channel 1 < 0.7 W channel 2
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 40 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Installation depth	32 mm

Blind insert comfort [Order no. 8522 11 00]

Suitable application modules shutter button, shutter timer, KNX radio shutter button and KNX radio timer

i Install a circuit breaker of max. 16 A as device protection.

Technical data - performances

Blind insert comfort	Order no. 8522 11 00
Operating voltage	230 V~, + 10 %/- 15 %
Frequency	50/60 Hz
Switching current (cos Φ 0.6)	3 A
Change-over time for change of direction	0.6 s
Number of substations:	unlimited
Cable length, extension units	max. 50 m
Load cable length	max. 100 m
Relative humidity	0 ... 65 % (no condensation)
Operating temperature	- 5 ... + 45 °C
Housing installation depth	22 mm
Claw guidance installation depth	32 mm
Screw terminals	max. 1 x 2.5 / 2 x 1.5 mm ²

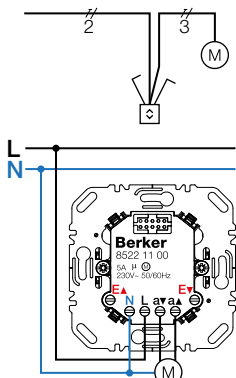


Figure 1: Single control

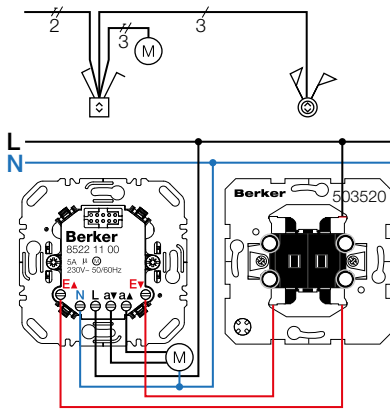


Figure 2: Individual control with key push-button for blind series push-button

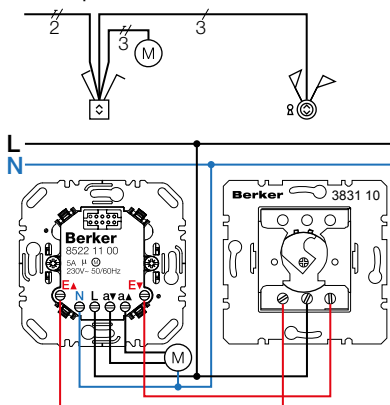


Figure 3: Individual control with extension unit push-button for blinds 1pole for lock cylinder

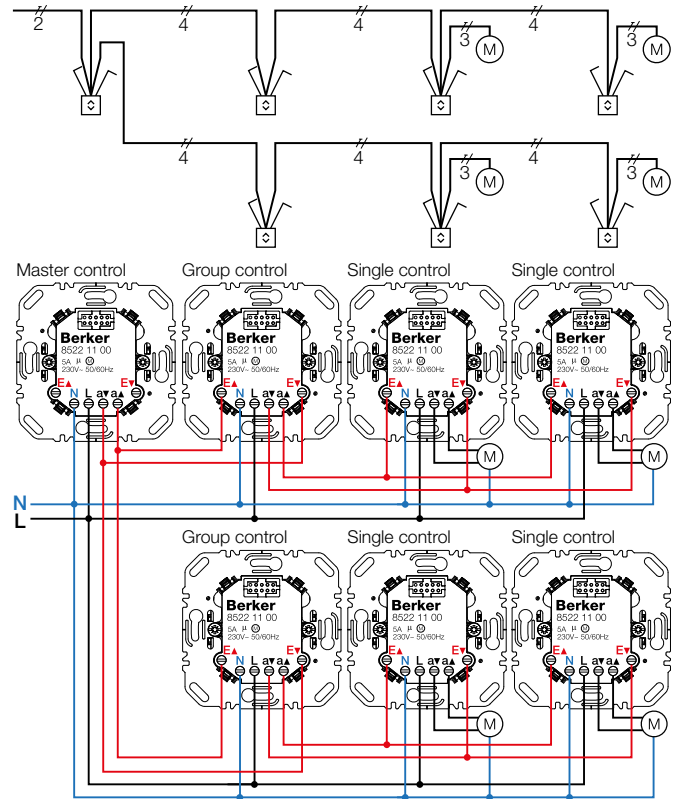


Figure 4: Master and group control

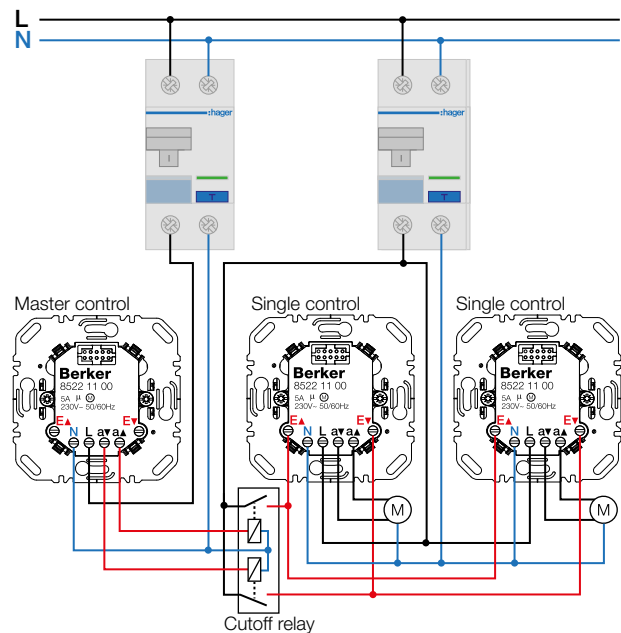
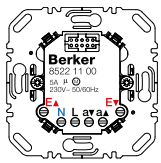


Figure 5: Operation with several residual current circuit-breakers

Sensors for extension unit connections

Connection of the sensors to the insert



- EA ▲ Input for extension unit UP
- E▼ Input for extension unit DOWN

Figure 1: Extension unit inputs on blind insert comfort

- ⓘ Only covers with labelling symbol star next to QR code can be used for connected sensors. The operation of sensors without these labellings will lead to functional errors.
- ⓘ The control command is present for the duration of the signal on the extension unit input.

Wind sensor [172 01], Interface surface-mounted for wind sensor [173]

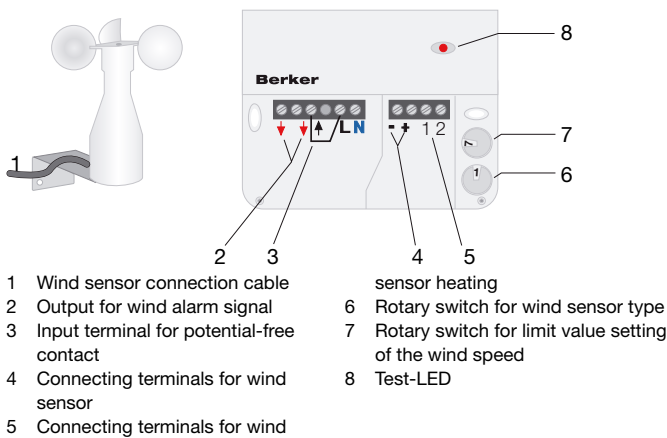


Figure 2: Device overview

To protect awnings and outside blinds against damage from wind. The wind sensor detects the wind speed. If the set threshold value is exceeded for at least 15 seconds, the awning/blind is retracted.

- ⓘ The wind alarm has top priority, i.e. the hanging is always raised and locked in the event of a wind alarm. The unlocking takes place automatically if the threshold value is not reached for at least 15 minutes.

Installation and electrical connection

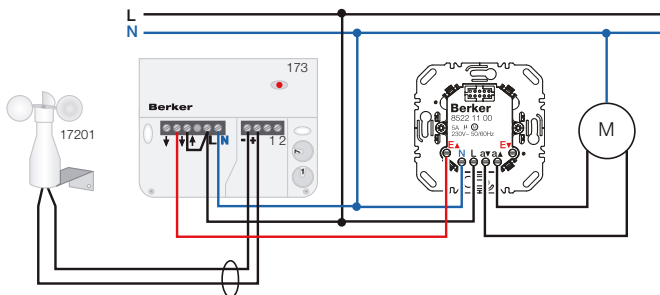


Figure 3: Connection of the wind sensors to the blind insert comfort

The material of the wind sensor is UV-resistant and can be exposed to direct sunlight.

- ⓘ Do not mount the wind sensor in wind shadow. The device must be mounted upright with the overhead wind turbine.
- ⓘ Cable type recommendation: JY-St-Y 2 x 0.6 mm²
Connect shield to "negative" to prevent interference. Lay the sensor cable at least 10 cm away from 230 V cables.

Precipitation sensor [183 01]

The purpose of the sensor, for example, is to protect awnings from rain. If the precipitation sensor detects precipitation, the awning/blind is retracted. The changeover relay remains on until the sensor is dry again, or for at least 10 minutes. The integrated heating accelerates the drying process of the sensor surface and also thaws snow and ice.

Installation and electrical connection

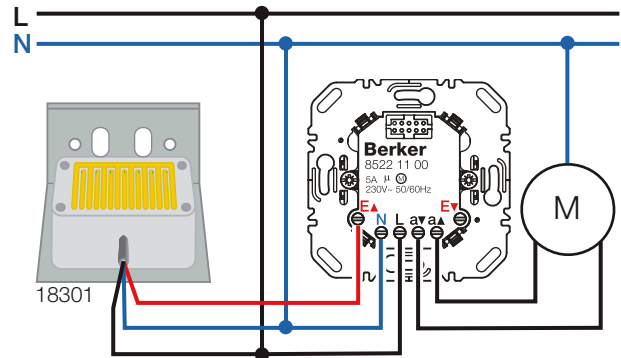


Figure 4: Connecting the precipitation sensor to the blind insert comfort

- ⓘ The mounting should be slightly inclined. Use the enclosed mounting bracket.
- ⓘ The change-over contact can be used for 230 V as well as for protective low voltage.

Room thermostat with change-over contact [2026 ..]

A room thermostat should be connected to the extension unit inputs for the temperature-dependant control of blinds and roller shutters in indoor areas, e.g. in winter gardens.

Electrical connection

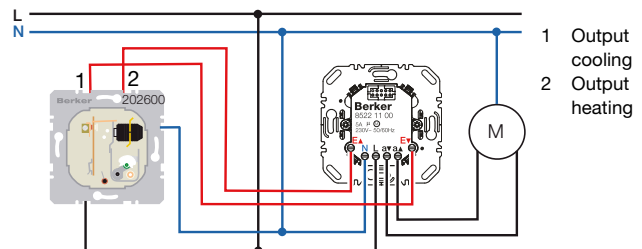


Figure 5: Connecting a room thermostat change-over contact to the blind insert comfort

- ⓘ Connect thermostat only to extension unit input 1 or 2 if necessary. The movement in the opposite direction is then done manually, time-controlled or centrally/group controlled.

Connection error on parallel switching of conventional tubular motors

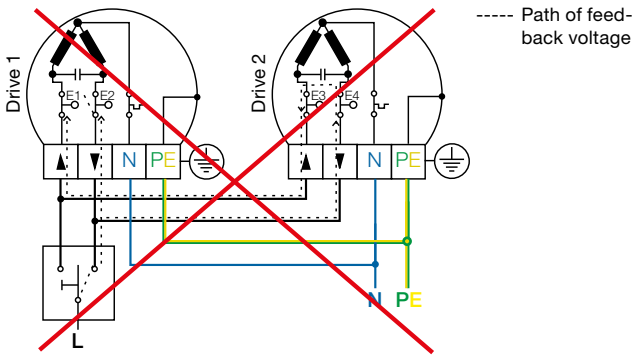


Figure 1: Parallel-switched conventional tubular motors

Cutoff relay

Cutoff relays are mounted in water-protected junction boxes or in deep flush-mounted wall boxes, e.g. behind a blind plug or an electronic insert. Cutoff relays RMD are snapped onto the 35 mm DIN hat profile rail. The following variants are available, depending on the desired operating concept

- Cutoff relay surface-mounted/flush-mounted, order no. 2930 and cutoff relay RMD, order no. 2931 for simultaneous movement of two motors using one operating section.
- Cutoff relay surface-mounted/flush-mounted, order no. 2969 and cutoff relay RMD, order no. 2919: with extension unit outputs, for simultaneous movement of two motors using one operating section.

i Connect a maximum of 6-8 motors to one miniature circuit-breaker (note current consumption). Additional miniature circuit-breakers should be planned for extensions.

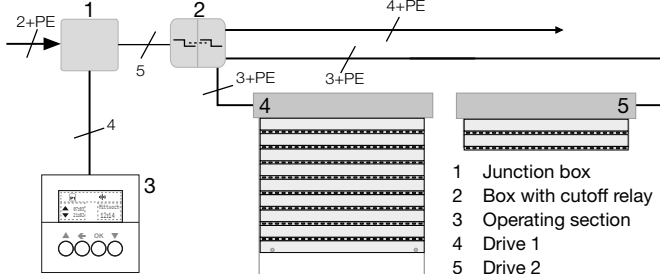


Figure 1: Installation plan for cutoff relay

Connection of motors with cutoff relay surface-mounted/flush-mounted [Order no. 2930, 2969]

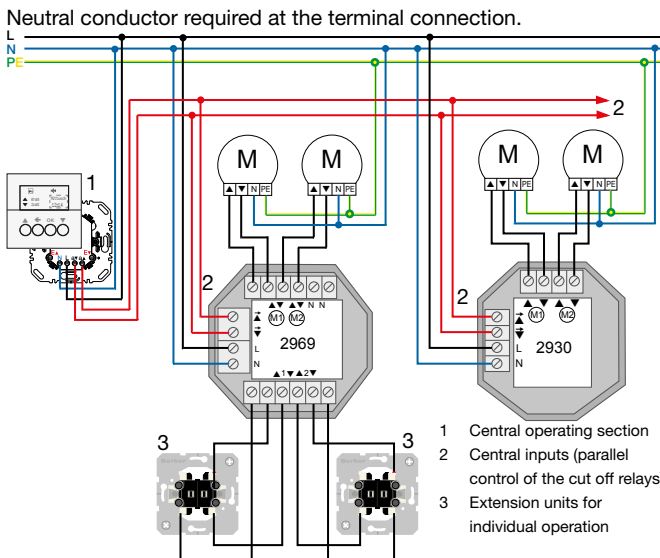


Figure 2: Connection diagram for cutoff relay surface-mounted/flush-mounted

When the switch is actuated, both drives are switched to the same direction of running. If drive 1 has reached the final position, the final position switch E2 opens. Drive 2 can still be functioning, however, and actuates drive 1 in the opposite running direction by means of a feedback voltage via its capacitor. Thus E2 is shut again after a short time. As a result, drive 1 runs in the original direction again until the contact L2 is reopened.

These switching operations can be seen as a pendulum motion of the hanging. Since the feedback voltage may be up to 1000 V and many switching position changes occur in a very short time, final position switch E2 is overloaded. This will inevitably cause the contacts to weld together. This deactivates the final switch-off in this running direction and the motors are destroyed.

i Overload of the final position switches through parallel connection of conventional tubular motors. Motors or hangings may be destroyed. For joint control, use cutoff relays or electronic tubular motors, such as those from Elero or Selve.

Connection of motors with cutoff relay RMD [Order no. 2931, 2919]

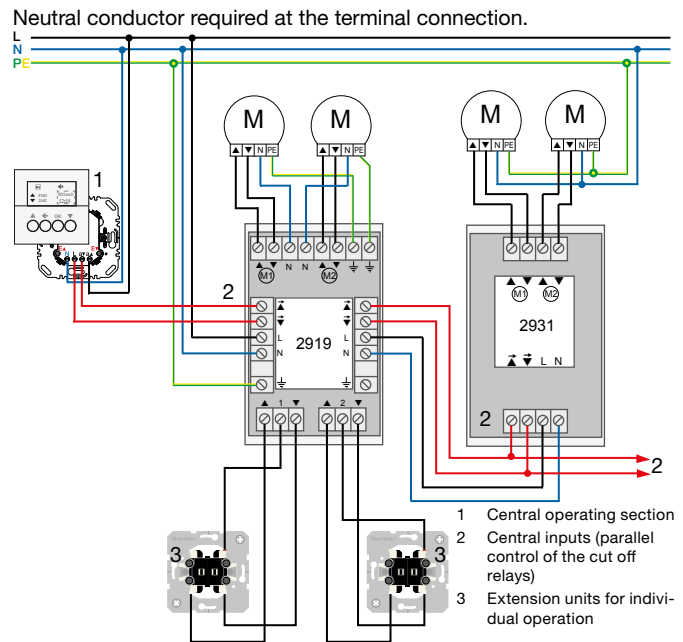


Figure 3: Connection diagram for cutoff relay RMD

Technical data - performances		Cutoff relay
Rated voltage		230 V~
Rated frequency		50/60 Hz
Control voltage		230 V~
Fuse		10 A
Circuit breaker		Characteristic A or B
Current consumption (operation)		approx. 10 mA
Switching current per output		
- ohmic		8 A
- inductive		3 A
Switch-on time (ED)		100 %
Change-over time for change of direction		at least 0.5 s
Operating temperature		0 ... 60°C
Degree of protection		IP20
Small screw terminal connections		
- single stranded		0.5 ... 2.5 mm ²
- finely stranded with conductor sleeves		0.5 ... 1.5 mm ²
Large screw terminal connections (mains and master input, only flush-mounted device with extension units)		
- single stranded		0.5 ... 4 mm ²
- finely stranded with conductor sleeves		0.5 ... 2.5 mm ²
Dimensions (W x H x D)		
- Order no. 2930		50 x 52 x 22 mm
- Order no. 2969		53 x 50 x 25 mm
- Order no. 2919, 2931 (RMD)		45 x 71 x 42 mm
Assembling height as from DIN rail		
- Order no. 2919		39 mm
- Order no. 2931		38 mm

Planning instructions for radio installations

Radio transmission and range

Radio waves can be subject to a number of different influences that weaken the signals and thus shorten their range especially within buildings. That is why all manufacturers of radio products generally indicate the free-field range, which refers to the uninterrupted propagation of the radio waves and optimally oriented antennas. For berker KNX radio products this range is generally 100 m. Unless a building is specially shielded by means of certain measures, this means that there will be no problem implementing radio links through three walls and two ceilings. Nevertheless, in any building there may be advantageous and disadvantageous locations for installing radio bus components.

i The free field is defined by damp, level ground. Transmitters and receivers are attached at a height of at least 2 m above the ground. The horizontal distance to interfering objects from each point of the transmitter - receiver connecting line is 20 m.

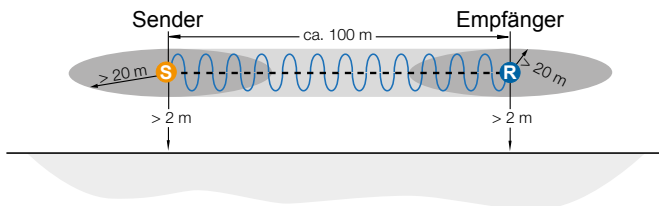


Figure 1: Distances to sources of interference in the free field

Reducing factors of the range of radio signal

- metallic or conductive surfaces such as anti-static floors, insulation with metal lamination, reinforced concrete, cable routes, metal grid ceilings, carbon fibre panels, hot water heating systems, electric underfloor heating systems etc.
- electronic devices exposed to high frequency signal emissions, such as computers, electronic transformers or microwave devices etc.
- Thermal insulation glazing with metalized glass that absorbs or reflects radio signals very strongly
- Moisture in plaster, masonry and screed
- Precipitation and fog outside

Material	Degree of material penetration
Wood, plaster, plasterboard, uncoated glass	approx. 90 %
Brick, press boards	approx. 70 %
Reinforced concrete, underfloor heating	approx. 30 %
Metal, metal grids, aluminium laminates, coated glass	approx. 10 %
Rain, snow	approx. 1 ... 40 %

Tab. 1: Material penetration

Selecting the installation location

The following installation instructions must be observed so that good radio transmission can be achieved:

- Do not position receivers in the radio shadow of metallic building elements if possible, do not install transmitters/receivers behind metallic surfaces or in metallic housings.

The areas behind metallic building elements such as piers, ceiling beams and fire doors constitute radio shadows (see Figure 2). Receivers installed in such shadows cannot receive signals over a direct pathway, and have to depend on reflected radio waves.

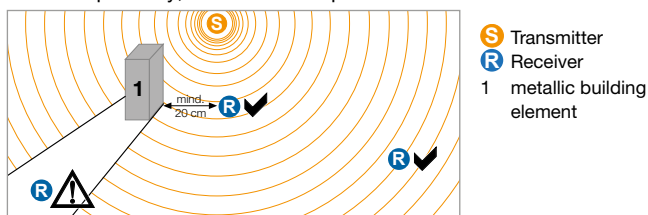


Figure 2: Radio shadow and distances from metallic objects

- Maintain a distance to large metal surfaces
Metal surfaces act as a grounding surface, radio signals near the surface are diverted. Furthermore, metal surfaces strongly reflect radio waves, which can cause overlapping of the signals up to suppression.
- The connecting line between the radio transmitter and the radio receiver should be selected so that any path through masonry or other attenuating materials is as short as possible (see Figure 3). It is particularly important to avoid niches in walls, since they obstruct the propagation of radio waves.

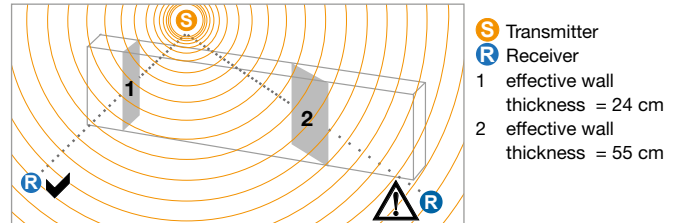


Figure 3: Effective wall thickness for radio propagation

- Maintain a distance to devices that emit high-frequency signals. At least 50 cm are recommended. With increasing distance the interference decreases sharply.
- Maintain a distance between transmitters and receivers. At least 30 cm are recommended. If the signal strength is too great, the receiver is overdriven.
- Maintain a distance to other radio services. At least 3 m are recommended. other radio services such as DECT-phones, babyphones, radio headphones etc. can severely impair the signal.
- Transmitters or receivers that perform master functions throughout the building (e.g. ALL OFF or master blind control) should be positioned as centrally as possible. Disadvantageous transmission paths that run diagonally through the entire building are prone to interference and can impair the function.

i Reception interferences often occur due to sealing off, suppression or reflection of the radio signal, as in the case of car radios or mobile phones. In the case of irregular reception, it is often sufficient to move the transmitter or receiver by a few cm to improve the quality of reception.

Operating tips for radio installations

- Only repeat radio telegrams within one "radio band" by means of a signal amplifier or repeater, since otherwise telegram overlaps can occur.
- A high number of automatically triggering radio transmitters, such as radio motion detectors, can result in telegram overlaps and communication problems within a system.

Impairment due to changed ambient conditions

A functioning radio connection can still be impaired even during operation. This can be attributed to:

- Opening and closing doors and shutters consisting of insulating materials
- Adding and moving furniture, particularly furniture consisting of metal
- Additionally erecting walls consisting of problematic materials, such as metallic steamed glass, metal laminated insulating materials etc.
- Temporary influences on the transmission circuit, such as fog and precipitation outside, as well as damp plaster or wallpaper inside

KNX radio

KNX radio properties	Technical data
Radio transmission frequency	868.3 MHz
Transmitter duty cycle *	1 %
Receiver category	2
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Number of quicklink links	max 20 transmitters/receivers

* Work cycle: Proportionally active transmission operations within a duration of one hour at any point in time.

KNX radio application modules

The flush-mounted inserts are complemented with a KNX radio application module and design cover as well as a frame. The electronic flush-mounted inserts can be used equally for the non-networked and radio networked application modules. For this purpose, the application module bottom part is attached together with the frame. Finally, the design covers are attached

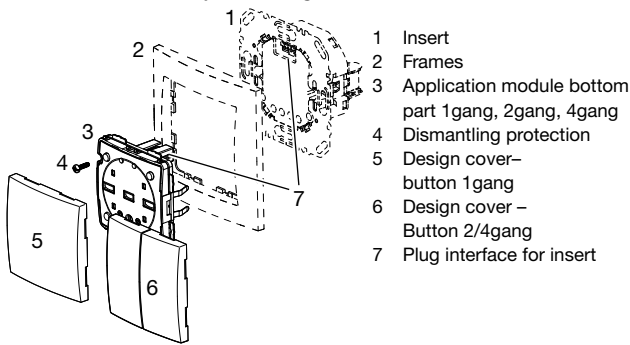


Figure 1: Installation based on the example of the KNX radio buttons

- i** As soon as voltage is supplied to the application module (7) via the plug interface, the cfg-LED indicates whether the application module and insert are compatible with each other:
Green flashing - compatible
Orange flashing - application module was configured with another insert.
Red flashing - incompatible

Under the design covers on the application module bottom part (3) are the operation and display elements needed for setting and configuring the operating section. The exception to this are the devices with display that must be configured menu-driven.

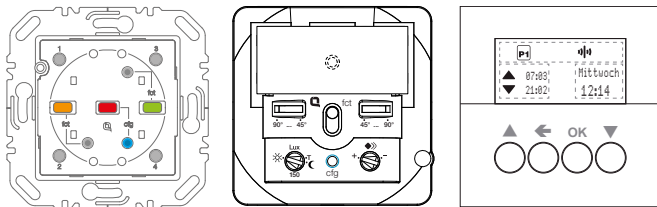


Figure 2: KNX radio application module with setting elements, buttons and LED / display

- i** The application modules and flush-mounted inserts are only suitable for indoor areas.

KNX radio binary inputs flush-mounted

KNX radio binary inputs	Technical data
Number of radio channels	2
Number of quicklink links	max 20 transmitters/receivers
Pulse time	at least 50 ms
Operating temperature	- 5 ... + 45 °C
Binary cable length	≈ 20 cm
Input cable length extendable	max. 10 m

- i** Illuminated mechanical push-buttons must be connected to a neutral conductor.
- i** The binary inputs are only suitable for indoor areas.

KNX radio binary input 2gang flush-mounted [8587 62 10]

Binary input for potential-free contacts, e.g. of switches, buttons and magnetic contacts. Remote control of receivers via connected contacts.

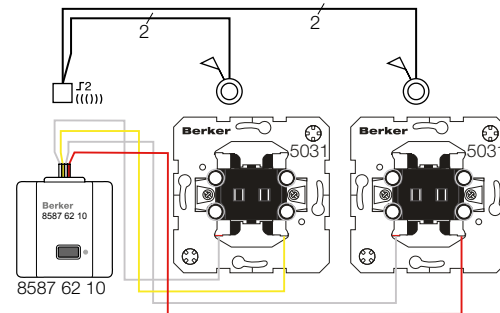


Figure 3: Operation with push-buttons (NO contact)

KNX radio binary input 2gang flush-mounted	Order no. 8587 62 10
Operating voltage via battery CR 2430	3 V=
Binary cable length	≈ 11 cm
Input cable length extendable	max. 10 m
Service life battery	≈ 5 Years
Dimensions (L x W x H)	41 x 39.5 x 11 mm

KNX radio binary input 2gang flush-mounted 230 V [8587 62 00]

Binary input for potential-free contacts, e.g. for control by switches, push-buttons, precipitation sensors and wind sensors with wind sensor interface. For remote control of receivers by means of connected contacts.

- i** Install a circuit breaker of max. 16 A as device protection.

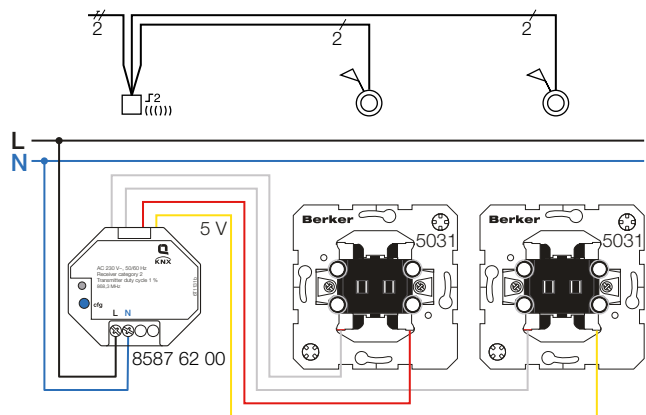


Figure 4: Operation with push-buttons (NO contact)

KNX radio binary input 2gang flush-mounted 230 V	Order no. 8587 62 00
Operating voltage, frequency	230 V~, 50/60 Hz
Input scanning voltage per channel	5 V
Screw-in lift terminals	max. 2.5 mm ² or 2 x 1.5 mm ²
Dimensions (Ø x H)	53 x 27 mm

KNX radio push-button actuator flush-mounted 230 V [8587 51 10]

Push-button actuator with electronic switching contact for activation of impulse switches. For remote control of the connected push-button switching, e. g. via wall-transmitter or radio motion detector.

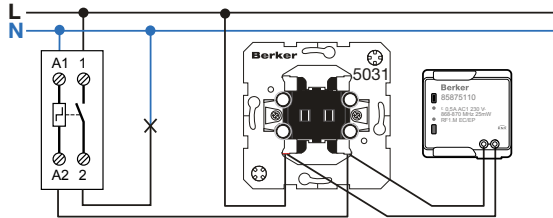


Figure 1: Activation of an impulse switch (Eltako)

KNX radio push-button actuator flush-mounted 230 V	Order no. 8587 51 10
Switching current	max. 0.5 A / 230 V AC
Contact switching duration	200 ms
Operating temperature	0 ... + 45 °C
Screw-in lift terminals	max. 1.5 mm ²
Dimensions (L x W x H)	40 x 40 x 18 mm

i The radio push-button actuator flush-mounted is only suitable for indoor areas.

KNX radio switch actuators

KNX radio switch actuators	Technical data
Operating voltage	230 V~
Frequency	50/60 Hz

i Install a circuit breaker of max. 16 A as device protection.

KNX radio switch actuator 1gang surface-mounted [8516 51 00]

Switch actuator for switching of electrical loads 230 V~.

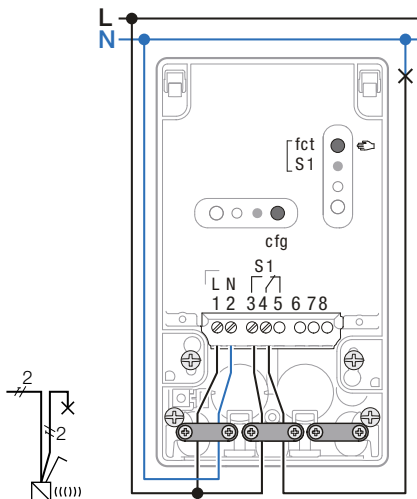


Figure 2: Switching a lamp

KNX radio switch actuator 1gang surface-mounted	Order no. 8516 51 00
Switching current	10 A / 230 V AC1
230 V incandescent lamps and halogen lamps	1500 W
Fluorescent lamps	
- uncompensated	600 VA
- with electronic ballast	6 x 58 W
Conventional transformers	600 VA

KNX radio switch actuator 1gang surface-mounted Order no. 8516 51 00

Electronic transformers	600 W
Operating temperature	- 10 ... + 55 °C
Screw-in lift terminals	max. 2.5 mm ² / 2 x 1.5 mm ²
Dimensions (L x W x H)	150 x 85 x 35 mm

KNX radio switch actuator 2gang surface-mounted [8516 61 00]

Switch actuator for separate switching of 2 electrical loads 230 V~.

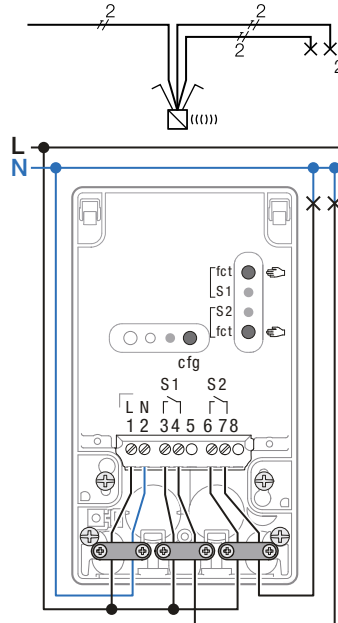
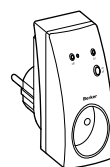


Figure 3: Switching of 2 lamps

KNX radio switch actuator 2gang surface-mounted Order no. 8516 61 00

Switching current	2 x 10 A / 230 V AC1
230 V incandescent lamps and halogen lamps	per channel 1500 W
Fluorescent lamps	
- uncompensated	per channel 600 VA
- with electronic ballast	per channel 6 x 58 W
Conventional transformers	per channel 600 VA
Electronic transformers	per channel 600 W
Operating temperature	- 10 ... + 55 °C
Screw-in lift terminals	max. 2.5 mm ² / 2 x 1.5 mm ²
Dimensions (L x W x H)	150 x 85 x 35 mm

KNX radio switch actuator for plugs [8510 51 00]



Switch actuator for switching electrical loads 230 V~ on socket outlets SCHUKO.

KNX radio switch actuator for plugs Order no. 8510 51 00

230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps	28 x 36 W / max. 120 µF
Conventional transformers	1600 VA
Electronic transformers and dual-mode transformers	1200 W
Operating temperature	0 ... + 45 °C
Screw-in lift terminals	max. 2.5 mm ² / 2 x 1.5 mm ²
Dimensions (L x W x H)	150 x 85 x 35 mm

KNX radio switch actuator 1gang/binary input 1gang surface-mounted [8586 51 00]

Switch actuator for switching of electrical loads 230 V~. Binary input for potential-free contacts, for activation e.g. by switch, push-buttons. For remote control of receivers by means of connected contact.

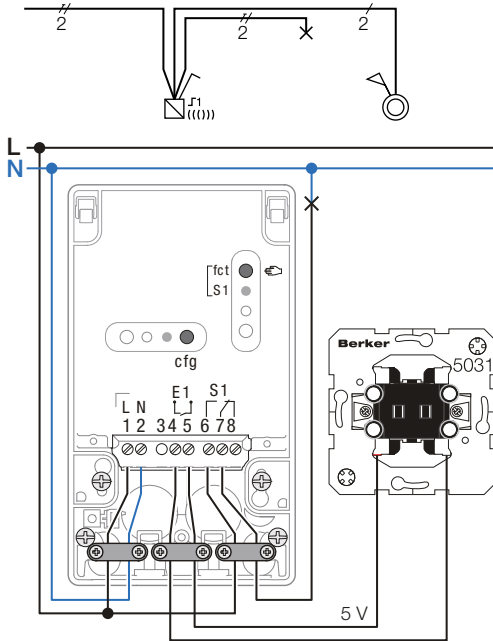


Figure 1: Switching a lamp, binary input with push-button

KNX radio switch actuator 1gang/binary input 1gang surface-mounted **Order no.8586 51 00**

Switching current	10 A / 230 V AC1
Input scanning voltage	5 V
230 V incandescent lamps and halogen lamps	1500 W
Fluorescent lamps	
- uncompensated	600 VA
- with electronic ballast	6 x 58 W
Compact fluorescent lamps	6 x 18 W
Conventional transformers	600 VA
Electronic transformers	600 W
Operating temperature	-10 ... + 55 °C
Screw-in lift terminals	max. 2.5 mm ² / 2 x 1.5 mm ²
Binary cable length	≈ 20 cm
Input cable length extendable	max. 10 m
Dimensions (L x W x H)	150 x 85 x 35 mm

Radio switch actuator 1gang flush-mounted [8587 52 00]

Switch actuator for switching of electrical loads 230 V~.

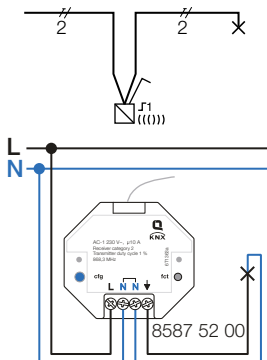


Figure 2: Switching a lamp

Radio switch actuator 1gang flush-mounted **Order no. 8587 52 00**

Switching current	16 A / 230 V AC1
Input scanning voltage	5 V
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps parallel compensated	250 W
Conventional transformers	1500 VA
Electronic transformers	1500 W
Operating temperature	0 ... + 45 °C
Screw-in lift terminals	max. 2.5 mm ² / 2 x 1.5 mm ²
Binary cable length	≈ 20 cm
Input cable length extendable	max. 10 m
Dimensions (Ø x H)	53 x 30 mm

The radio switch actuator 1gang is only suitable for indoor areas.

KNX radio switch actuator 1gang/binary input 2gang flush-mounted, 230 V, 4 A (2-wire) [8587 51 20]

Switch actuator with electronic switching contact without neutral conductor connection for switching of electrical loads 230 V~. Binary inputs for potential-free contacts, for activation e.g. by switch, push-buttons. For remote control of receivers by means of connected contacts.

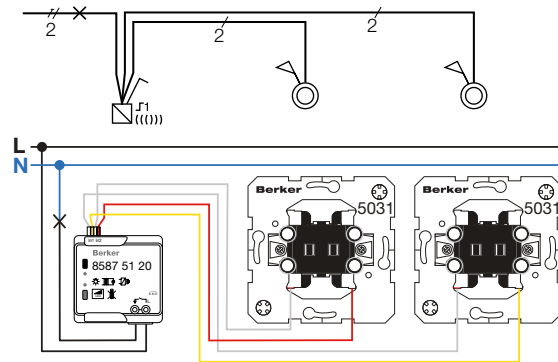


Figure 3: Switching a lamp, binary input with push-buttons

KNX radio switch actuator 1gang/binary input 2gang flush-mounted 230 V, 4 A **Order no.8587 51 20**

Switching current	4 A / 230 V AC1
Input scanning voltage	5 V
230 V incandescent lamps and halogen lamps	10 ... 200 W
Conventional transformers	10 ... 200 VA
Electronic transformers	10 ... 200 W
Dimmable LED lamps	3 ... 50 W
Operating temperature	0 ... + 45 °C
Screw-in lift terminals	max. 2.5 mm ² / 2 x 1.5 mm ²
Binary cable length	≈ 20 cm
Input cable length extendable	max. 10 m
Dimensions (L x W x H)	40 x 40 x 18 mm

The radio switch actuator 1gang is only suitable for indoor areas.

KNX radio switch actuator 1gang/binary input 2gang flush-mounted, 230 V, 3 A (3-wire) [8587 51 21]

Switch actuator for switching of electrical loads 230 V~. Binary inputs for potential-free contacts, for activation e.g. by switch, push-buttons. For remote control of receivers by means of connected contacts.

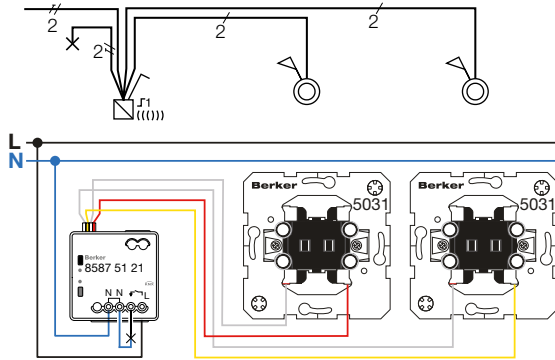


Figure 1: Switching a lamp, binary input with push-buttons

KNX radio switch actuator 1gang/binary input 2gang flush-mounted 230 V, 4 A	Order no. 8587 51 21
Switching current	4 A / 230 V AC1
Input scanning voltage	5 V
230 V incandescent lamps and halogen lamps	500 W
Conventional transformers	250 VA
Electronic transformers	250 W
Fluorescent lamps with electronic ballast	150 W
LED and energy-saving lamps	150 W
inductive loads	3 A, $\cos \varphi 0.6$
Operating temperature	0 ... + 45 °C
Screw-in lift terminals	max. 2.5 mm ² / 2 x 1.5 mm ²
Binary cable length	≈ 20 cm
Input cable length extendable	max. 10 m
Dimensions (L x W x H)	40 x 40 x 18 mm

The radio switch actuator 1gang is only suitable for indoor areas.

KNX radio switch actuator 1gang, potential-free/binary input 2gang flush-mounted, 12...230 V AC, 12...24 V DC [587 51 22]

Switch actuator with potential-free relay contact for switching of electrical loads 12 .. 230 V. Binary inputs for potential-free contacts, for activation e.g. by switch, push-buttons. For remote control of receivers by means of connected contacts.

Suitable for switching of safety extra low voltage (SELV).

Factory setting: closing the contact with a pulse duration of 0.4 s upon actuation (e.g. for impulse switch (Eitako)).

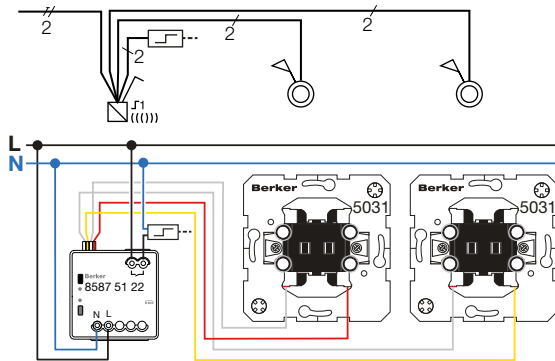


Figure 2: Switching an impulse switch, a lamp, binary input with push-buttons

KNX radio switch actuator 1gang, potential-free/binary input 2gang flush-mounted	Order no. 587 51 22
Switching current AC 1	4 A/12-24 V~, 230 V~
Switching current DC	4 A/12 V ---, 2 A/24 V ---

KNX radio switch actuator 1gang, potential-free/binary input 2gang flush-mounted Order no. 587 51 22

Input scanning voltage	5 V
230 V incandescent lamps and halogen lamps	600 W
Conventional transformers	600 VA
Electronic transformers	600 W
LED and energy-saving lamps	40 W
Operating temperature	0 ... + 45 °C
Screw-in lift terminals	max. 2.5 mm ² / 2 x 1.5 mm ²
Binary cable length	≈ 20 cm
Input cable length extendable	max. 10 m
Dimensions (L x W x H)	40 x 40 x 20 mm

The radio switch actuator 1gang is only suitable for indoor areas.

KNX radio dim actuators

KNX radio universal dim actuator 1gang/binary input 2gang flush-mounted [8547 51 20]

Universal dim actuator for dimming lighting. Binary inputs for potential-free contacts, for activation e.g. by switch, push-buttons. For remote control of receivers by means of connected contacts.

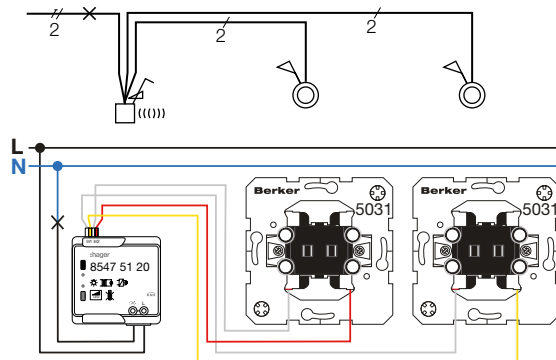


Figure 3: Dimming a lamp, binary input with push-buttons

Technical data

KNX radio universal dim actuator 1gang flush-mounted	Technical data Order no. 8547 51 20
Operating voltage, frequency	230 V~, 50 Hz
230 V incandescent lamps and halogen lamps	10 ... 200 W
Conventional transformers	10 ... 200 VA
Electronic transformers	10 ... 200 W
Operating temperature	-15 ... + 45 °C
Screw-in lift terminals	max. 2.5 mm ² / 2 x 1.5 mm ²
Dimensions (L x W x H)	40 x 40 x 18 mm

The KNX radio universal dim actuator 1gang flush-mounted is only suitable for indoor areas.

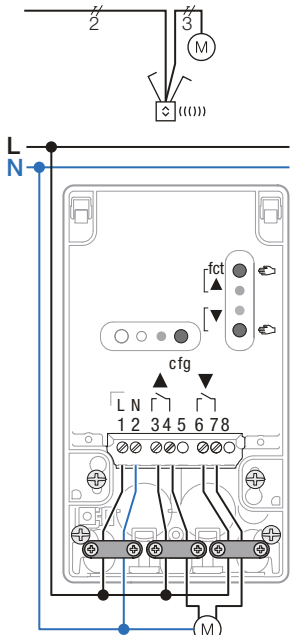
KNX radio blind actuators

KNX radio blind actuators	Technical data
Operating voltage, frequency	230 V~, 50 Hz
Slat adjustment on signal duration	< 1 s
Change-over time for change of direction	< 0.6 s
Operating temperature	+5 ... +45 °C
Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of quicklink links	max 20 transmitters/receivers
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m

Install a circuit breaker of max. 16 A as device protection.

KNX radio blind actuator 1gang surface-mounted [8526 51 00]

Blind actuator for controlling hangings.



Activation of a motor

KNX radio blind actuator 1gang surface-mounted	Order no. 8526 51 00
Switching current	10 A / 230 V AC1
Operating temperature	-10 ... +55°C
Dimensions (L x W x H)	150 x 85 x 35 mm

KNX radio blind actuator 1gang/binary input 2gang flush-mounted [8527 51 20]

Blind actuator for controlling hangings. Binary input for potential-free contacts, e.g. activation by switches, push-buttons. For remote control of receivers by means of connected contacts.

i Factory setting - Operation via binary inputs: ▲ when closing contact In1, ▼ when closing contact In2

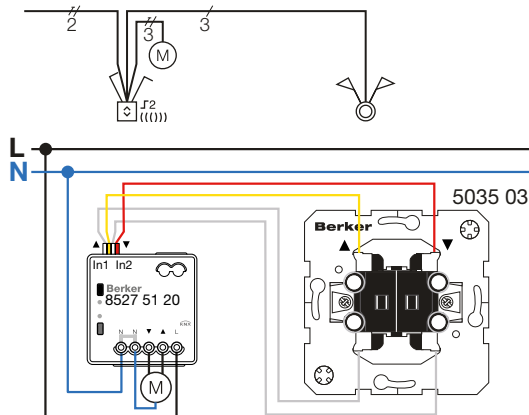


Figure 1: Activation of a motor

KNX radio blind actuator 1gang/binary input 2gang flush-mounted	Order no. 8527 51 20
Switching current at cos φ 0.6	3 A
Change-over time for change of direction	0.6 s
Operating temperature	-10 ... +50 °C
Dimensions (L x W x H)	40 x 40 x 20 mm
Screw-in lift terminals	max. 2.5 mm ²

i The KNX radio blind actuator 1gang/binary input 2gang flush-

mounted is only suitable for indoor areas.

KNX radio - Application example

Bi-directional radio technology makes it possible to control the connected load on the insert via radio signal by means of other transmitters. By contrast, the KNX radio application modules installed on this insert can also be configured as transmitters themselves in order to control other loads in the KNX radio system remotely. The following must therefore be configured:

- Functions executed on the directly connected load when radio commands are received (receiver)
- Radio commands for controlling other loads connected to the receivers (transmitters)
- Direct operation on the application module for the connected load on the insert (local operation)

i The functions for local operation are preset in the factory, but can be changed.

By way of example, the application example in Figure 15 shows the universally usable and fully flexible modifiable configuration of two KNX radio application modules (here: KNX radio push-buttons 1gang) with flush-mounted devices (here: dimmer inserts), on which one lamp each is connected. The respective lamp can be switched/dimmed locally using the push-button (grey symbol) and an additional load can also be remote-controlled (orange symbols) - lamp 2 using the bottom push-button operation area. Operating section 2 is configured in the same way, and in addition to its own connected lamp 2, can also activate lamp 1 using the bottom push-button operation area.

Both control sections thus control the wired loads and can also transmit radio signals as well as receive signals of other transmitters, such as hand-held transmitters. Both KNX radio buttons work as receivers and transmitters. Thus, all possible functions for lighting devices and blind controls can be configured and flexibly changed if required.

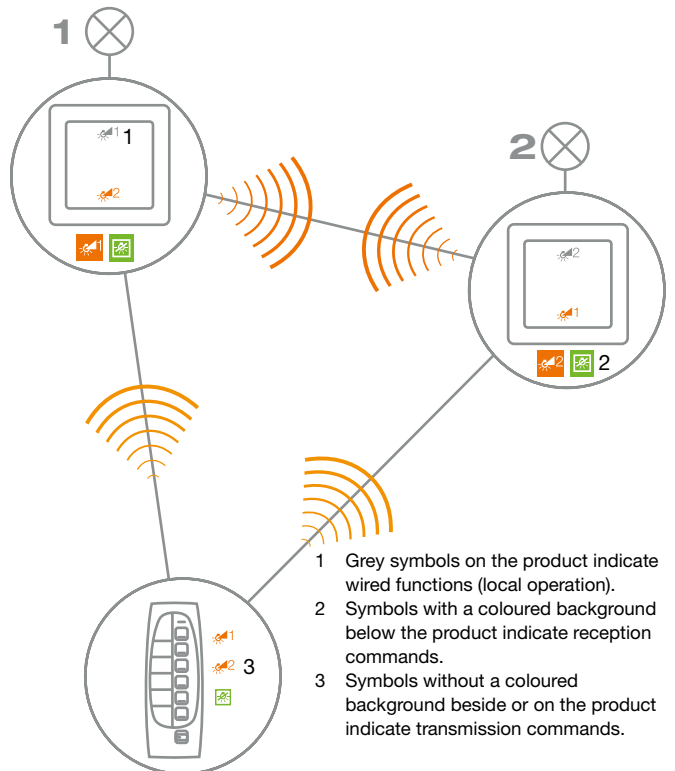


Figure 2: Application example transmitter/receiver configuration

TRANSMIT	RECEIVE	FUNCTIONAL DESCRIPTION
		Lamp 1: Switch ON/OFF and dim BRIGHTER/DARKER
		Lamp 2: Switch ON/OFF and dim BRIGHTER/DARKER
		Central function: Switch all lamps ON/OFF

Tab. 1: Configured transmitter/receiver functions

KNX radio - Commissioning concept

Configuration via quicklink

The KNX radio application modules follow a configuration concept whereby the function-related connection between a command giving transmitter and the function executing receivers is set by means of buttons and LED/displays without any further tools. Thus, wireless functions that are even more complex e.g. master, group, extension units, scenes and time controls can be implemented.

The insert wired to the load defines one set of configurable functions each (switching, dimming or control of the blind). The desired function is selected from this set and taught-in by means of quicklink.

Explanatory notes on the configurable functions following the configuration example.

The bottom part of application modules have a:

- Configuration button - **cfg** button
- Configuration LED - **cfg** LED
- Function button - **fct** button
- Function-LED - **fct**-LED

On application modules with display the configuration takes place menu-driven.

- For a new configuration, the KNX radio application module must first be reset to factory setting.
- All devices of a system configurable by quicklink can be operated together.

The simple configuration process is demonstrated below based on two examples.

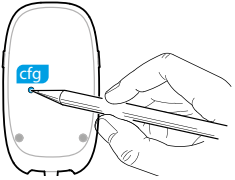

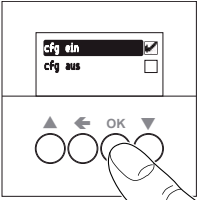
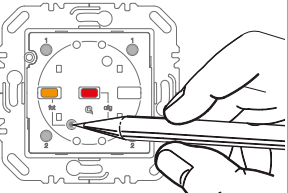
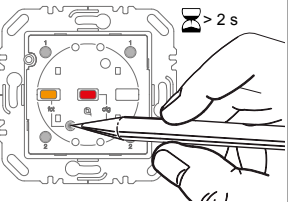
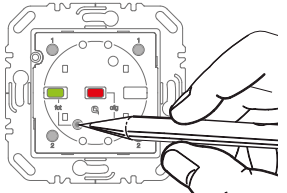
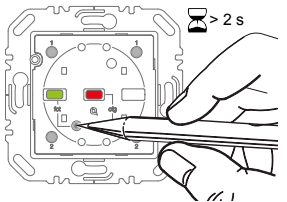
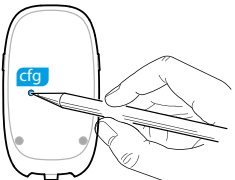
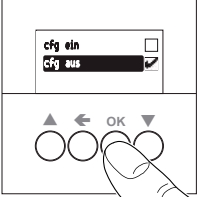


Configuration of a lighting function with buttons and LED display	Configuration of a blind function with display, menu-driven (transmitter) + buttons and LED display (receiver)
<i>1. Switch the transmitter and receiver to configuration mode</i>	<i>1. Switch the transmitter and receiver to configuration mode</i>
<ul style="list-style-type: none"> ■ Activate the configuration with the cfg button of the transmitter. <p>The cfg LED of the transmitter and all receivers within range light up.</p>  <ul style="list-style-type: none"> ■ On the transmitter, press the button/button area to which a function is to be assigned. <p>The cfg LED of the transmitter flashes. The transmitter and receiver are in configuration mode.</p> 	<ul style="list-style-type: none"> ■ In the configuration menu of the transmitter, activate the configuration with display. <p>The cfg LED and configuration display of all receivers within range light up.</p>  <p> Since the display devices only have one transmission channel, it is not necessary to select the transmission button.</p>
<i>2. Set function of the receiver</i>	<i>2. Set function of the receiver</i>
<ul style="list-style-type: none"> ■ Keep pressing the fct button on the receiver until the fct LED signals the desired function.  <p>Save the selected function by slowly pressing (> 2 s) the fct button of the receiver.</p> 	<ul style="list-style-type: none"> ■ Keep pressing the fct button on the receiver until the fct LED signals the desired function.  <ul style="list-style-type: none"> ■ Save the selected function by slowly pressing (> 2 s) the fct button of the receiver. 
<i>3. Finish configuration</i>	<i>3. Finish configuration</i>
<ul style="list-style-type: none"> ■ End the configuration with the cfg button of the transmitter. <p>The cfg LEDs on the transmitter and on all receivers go out..</p> 	<ul style="list-style-type: none"> ■ End the configuration in the configuration menu of the transmitter. <p>The cfg LED and configuration displays of all receivers in range go out.</p> 



Figure 1: quicklink configuration of KNX radio application modules

Light control

Change-over 
LED:  Display:



Change-over the operating state of the connected load on the receiver between ON and OFF per transmission command.

i When dimming, a long button-press > 0.4 s induces dimming. The dimming direction is reversed each time the button is pressed.

Switch on 
LED:  Display:

Switch ON the connected load on the receiver per transmission command.

i When dimming, a long button-press > 0.4 s induces BRIGHTER dimming.

On/off switch off 
LED:  Display:

Switch OFF the connected load on the switching per transmission command.

i When dimming, a long button-press > 0.4 s induces DARKER dimming.

Scene 1 
LED:  Display:

Call the load and blind states stored in scene 1 on the assigned receivers per transmission command.

Scene 2 
LED:  Display:

Call the load and blind states stored in scene 2 on the assigned receivers per transmission command.

i After a long button-press on the transmitter > 5 s the stored scene is overwritten with the currently set load states of the assigned receiver.

Switching time 
LED:  Display:

Switch ON the load for the settable switch-on time on the receiver gradually between 1 s and 3 h per transmission command.

ON / OFF (switch) 
LED:  Display:

Switch ON for the duration of the transmission command.

i To facilitate this, transmission commands (ON and OFF switch) of the KNX radio timer in the receiver are configured simultaneously in one operation.

Forced mode ON 
LED:  Display:

Switch ON the connected load and lock against local operation and other transmission commands for the duration of the forced mode transmission command.

Forced mode OFF 
LED:  Display:

Switch OFF the connected load and lock against local operation and other transmission commands for the duration of the forced mode transmission command.

Presence simulation 
LED:  Display: (function not available)

Activates/deactivates execution of presence simulation of the radio motion detector per transmission command. The recording frequency per hour is recorded over a 24 h period. In the 60 minutes with most recordings, the light will be switched on once for the duration of the delay time, even if no motion is detected.

i During the presence simulation presence detection, extension unit and radio commands will continue to be executed normally.

Master-Slave 
LED:  Display: (function not available)

A motion detector configured as a slave transmits a command to the master motion detector for evaluation during detection of a movement.

Delete 
LED: Display:

The assignment of the receiver to the transmitter is deleted.

Blind control

Move up 
LED:  Display:

Adjustment of the slat position / stop.

After a long button-press > 0.4 s, blind moves to top final position (self-retaining).

Move down 
LED:  Display:

Adjustment of the slat position / stop.

After a long button-press > 0.4 s, blind moves to bottom final position (self-retaining).



Scene 1 
LED:  Display:

Call the load and blind states stored in scene 1 on the assigned receivers per transmission command.

Scene 2 
LED:  Display:

Call the load and blind states stored in scene 2 on the assigned receivers per transmission command.

i After a long button-press on the transmitter > 5 s the stored scene is overwritten with the currently set load states of the assigned receiver.

Up / Down (switch) 
LED:  Display:

Move blind UP for the duration of the transmission command. After the end of the transmission command, the blind moves DOWN for 2 minutes.



i To facilitate this, transmission commands (move UP and DOWN) of the KNX radio shutter timer in the receiver are configured simultaneously in one operation.

Forced mode UP 
LED:  Display:

Move the connected blind UP to the top final position and lock against local operation and other transmission commands for the duration of the forced mode transmission command.

Forced mode DOWN 
LED:  Display:

Move the connected blind DOWN to the bottom final position and lock against local operation and other transmission commands for the duration of the forced mode transmission command.

Presence simulation 
LED:  Display: (function not available)

Activates/deactivates execution of presence simulation of the KNX radio shutter button by means of transmission command.

The UP and DOWN switching commands of the last 24 hours are saved and executed automatically for the presence simulation.

Delete 
LED: Display:

The assignment of the receiver to the transmitter is deleted.

		Receiver function	KNX radio button, quicklink 1gang, 2gang, 4gang <input type="checkbox"/> on dimmer insert <input type="checkbox"/> on switch insert <input type="checkbox"/> on both inserts	KNX radio motion detector comfort 1.1 / 2.2 m quicklink <input type="checkbox"/> on dimmer insert <input type="checkbox"/> on switch insert <input type="checkbox"/> on both inserts	Radio timer quicklink																																					
Transmitter function																																										
		Order no.	8514 51 xx /61 xx 8564 81 xx	8534 51 xx 8534 61 xx	8574 52 xx																																					
KNX radio hand-held transmitter 2-channel; 4-channel; 6-channel; 18-channel KNX radio wall-transmitter 1/2gang flat Solar quicklink KNX radio wall-transmitter 1/2gang flat quicklink		8565 51/61 xx 8565 52/62 xx	<table border="1"><tr><td>on/off</td><td>on</td><td>off</td><td>dimming +/-</td></tr><tr><td>Scene 1 + 2</td><td>Switching time 1 s to 3 h</td><td>Contact closed, on, contact open, off</td><td>+</td></tr><tr><td></td><td></td><td></td><td>-</td></tr></table>	on/off	on	off	dimming +/-	Scene 1 + 2	Switching time 1 s to 3 h	Contact closed, on, contact open, off	+				-	<table border="1"><tr><td>on/off</td><td>on</td><td>off</td><td>dimming +/-</td></tr><tr><td>Scene 1 + 2</td><td>Switching time 1 s to 3 h</td><td>Contact closed, on, contact open, off</td><td>+</td></tr><tr><td></td><td></td><td></td><td>24h</td></tr><tr><td></td><td></td><td></td><td>-</td></tr></table>	on/off	on	off	dimming +/-	Scene 1 + 2	Switching time 1 s to 3 h	Contact closed, on, contact open, off	+				24h				-	<table border="1"><tr><td>on/off</td><td>on</td><td>off</td></tr><tr><td>Scene 1 + 2</td><td>Switching time 1 s to 3 h</td><td>Contact closed, on, contact open, off</td></tr><tr><td></td><td></td><td></td></tr></table>	on/off	on	off	Scene 1 + 2	Switching time 1 s to 3 h	Contact closed, on, contact open, off			
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KNX radio button, quicklink 1gang, 2gang, 4gang		8514 51 xx 8514 61 xx 8564 81 xx	<table border="1"><tr><td>on/off</td><td>on</td><td>off</td><td>dimming +/-</td></tr><tr><td>Scene 1 + 2</td><td>Switching time 1 s to 3 h</td><td>Contact closed, on, contact open, off</td><td>+</td></tr><tr><td></td><td></td><td></td><td>dimming +</td></tr></table>	on/off	on	off	dimming +/-	Scene 1 + 2	Switching time 1 s to 3 h	Contact closed, on, contact open, off	+				dimming +	<table border="1"><tr><td>on/off</td><td>on</td><td>off</td><td>dimming +/-</td></tr><tr><td>Scene 1 + 2</td><td>Switching time 1 s to 3 h</td><td>Contact closed, on, contact open, off</td><td>+</td></tr><tr><td></td><td></td><td></td><td>24h</td></tr><tr><td></td><td></td><td></td><td>dimming +</td></tr></table>	on/off	on	off	dimming +/-	Scene 1 + 2	Switching time 1 s to 3 h	Contact closed, on, contact open, off	+				24h				dimming +	<table border="1"><tr><td>on/off</td><td>on</td><td>off</td></tr><tr><td>Scene 1 + 2</td><td>Switching time 1 s to 3 h</td><td>Contact closed, on, contact open, off</td></tr><tr><td></td><td></td><td></td></tr></table>	on/off	on	off	Scene 1 + 2	Switching time 1 s to 3 h	Contact closed, on, contact open, off			
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KNX radio motion detector comfort 1.1 m quicklink KNX radio motion detector comfort 2.2 m quicklink KNX radio controller 220° surface-mounted KNX radio controller 220° surface-mounted Solar		8534 51/61 xx	<table border="1"><tr><td></td><td>on</td><td>off</td></tr><tr><td></td><td>Switching time 1 s to 3 h</td><td></td></tr><tr><td></td><td></td><td></td></tr></table>		on	off		Switching time 1 s to 3 h					<table border="1"><tr><td></td><td>on</td><td>off</td></tr><tr><td></td><td>Switching time 1 s to 3 h</td><td></td></tr><tr><td></td><td></td><td></td></tr></table>		on	off		Switching time 1 s to 3 h					<table border="1"><tr><td></td><td>on</td><td>off</td></tr><tr><td></td><td>Switching time 1 s to 3 h</td><td></td></tr><tr><td></td><td></td><td></td></tr></table>		on	off		Switching time 1 s to 3 h														
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KNX radio switch actuator, 1-gang/binary input, 1-gang, flush-mounted, surface-mounted KNX radio blind actuator 1gang/binary input 2gang flush-mounted KNX radio binary input 2gang flush-mounted KNX radio binary input, 2gang, 230 V, flush-mounted			<table border="1"><tr><td>on/off</td><td>on</td><td>off</td><td>dimming +/-</td></tr><tr><td>Scene 1 + 2</td><td>Switching time 1 s to 3 h</td><td>Contact closed, on, contact open, off</td><td>+</td></tr><tr><td></td><td></td><td></td><td>-</td></tr></table>	on/off	on	off	dimming +/-	Scene 1 + 2	Switching time 1 s to 3 h	Contact closed, on, contact open, off	+				-	<table border="1"><tr><td>on/off</td><td>on</td><td>off</td><td>dimming +/-</td></tr><tr><td>Scene 1 + 2</td><td>Switching time 1 s to 3 h</td><td>Contact closed, on, contact open, off</td><td>+</td></tr><tr><td></td><td></td><td></td><td>24h</td></tr><tr><td></td><td></td><td></td><td>-</td></tr></table>	on/off	on	off	dimming +/-	Scene 1 + 2	Switching time 1 s to 3 h	Contact closed, on, contact open, off	+				24h				-	<table border="1"><tr><td>on/off</td><td>on</td><td>off</td></tr><tr><td>Scene 1 + 2</td><td>Switching time 1 s to 3 h</td><td>Contact closed, on, contact open, off</td></tr><tr><td></td><td></td><td></td></tr></table>	on/off	on	off	Scene 1 + 2	Switching time 1 s to 3 h	Contact closed, on, contact open, off			
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KNX radio brightness sensor, surface-mounted																																										
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Functions through radio command

On/off, toggling	On/off, dimming +/-	Contact closed, on, contact open, off
On	On, dimming +	Forced on
Off	Off, dimming -	Forced off
On/off, dimming +/-	Scene 1 + 2	24 h repeat
On/off, dimming +	Switching time 1 s to 3 h	Move up, stop

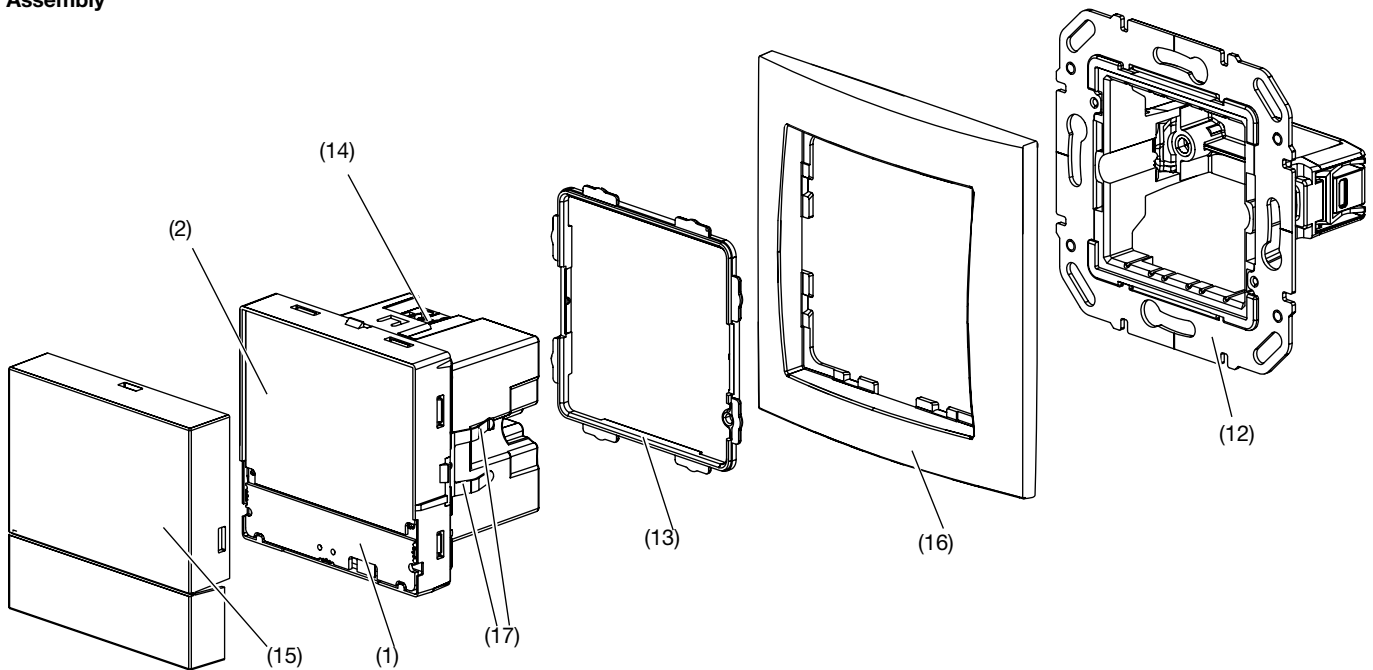
KNX radio switch actuator, 1 and 2gang, surface-mounted	KNX radio Switch actuator for plugs	KNX radio switch actuator, 1gang/binary input, 1gang, flush-mounted, surface-mounted	KNX radio universal dim actuator 1gang flush-mounted	KNX radio blind button quicklink	KNX radio blind time switch quicklink	KNX radio blind actuator 1gang/binary input 2gang flush-mounted	KNX radio blind actuator 1gang surface-mounted
				8524 51 xx	8574 51 xx		
on off on off 	on off on off 	on off on off 	+ - 	 	 		
on off on off 	on off on off 	on off on off 	 	 	 		
on off 	on off 	on off 	on off 				
on off 	on off 	on off 	on off 				
on off on off 	on off on off 	on off on off 	on off on off 	 	 	 	
on off on off 	on off on off 	on off on off 	on off on off 	 	 	 	

- ▼ Move down, stop
- ☒ Delete (All the devices have the function)
- Contact closed, Up for max. 2 min, contact open, Down for 2 min
- Forced up
- Forced down
- Slave motion detector extension unit

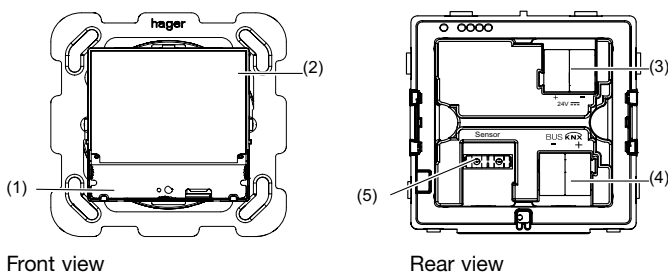
Technical properties

Order no.	80440100 / 80660100
Screen diagonal	1.93"
Screen size	38.28 mm x 30.26 mm
KNX system voltage	30 V DC
Auxiliary voltage	24 V DC
Current consumption KNX	max. 10 mA
Current consumption for 24 V auxiliary voltage	25 mA
Operating temperature	-5 °C to +45 °C
Storage temperature	-20 °C to +70 °C
Humidity	max. 60 % < 45 °C, 90 % at 45 °C, no condensation
Bus line connection	TG008 plug-in terminals, 2-pole
Cable length for ext. temperature sensor	max. 10 m
Degree of protection	IP21
Impact protection	IK04
Protection class	III
Electric strength	4 kV
Standards	EN 60730-2-9, EN 50491-3, EN 50491-5-2

Assembly



Design and layout of the device

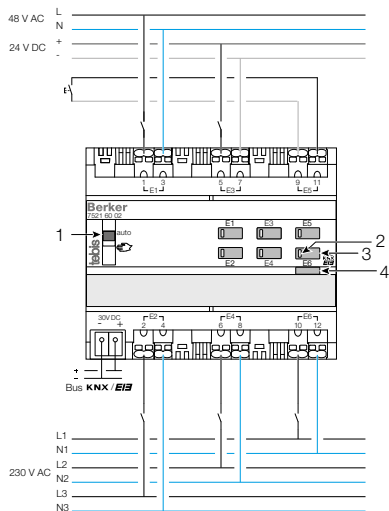


- (1) Touch-sensitive control surface
- (2) Display area
- (3) Connecting terminal for auxiliary voltage 24 V \equiv SELV
- (4) KNX bus connection terminal
- (5) Connecting terminal for external temperature sensor (not within scope of delivery, enclosed with the temperature sensor)

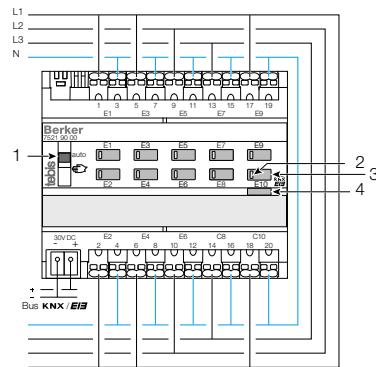
Input devices

	7521 40 09	7521 90 00	7521 60 02
Dimensions	4 SU	6 SU	6 SU
Power supply	KNX system voltage supply, 30 V DC		
Inputs	4	10	6
Quantity			
Signal voltage	230 V AC (-15/+10 %), 50/60 Hz (any live conductor) 0...100 V AC → "0" 195...230 V AC → "1"		24...230 V AC/DC
Min./max. bus load	3 mA/4 mA	9 mA/15 mA	6 mA/7 mA
Standby current	10 mA	10 mA	5 mA
Line length	max. 100 m	max. 100 m	max. 100 m
Minimum closing time	18 ms	18 ms	50 ms
Degree of protection	IP30		
Standards	NF EN60669-2-1, NF EN 50428		
Connection quickconnect	0.75 mm ² to 2.5 mm ² . Flexible conductors without conductor sleeves		
Label type	Large label window, Semiolog labelling software can be used		
Bus connection	Wago plug-in terminal		
Operating temperature	0 °C → 45 °C		
Storage temperature	-20 °C → 70 °C		

7521 60 02 connection option



7521 40 09 and 7521 90 00 connection option

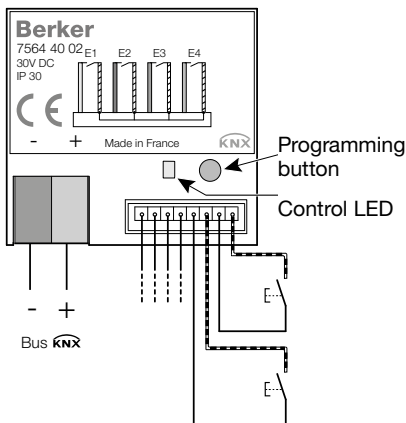


- ① Auto/Manu switch
- ② LED status display
- ③ Push-button for local activation
- ④ Illuminated push-button for physical addressing

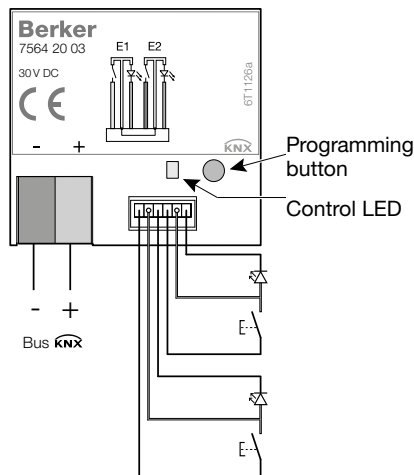
Specifications for input devices and display

	7564 20 02	7564 40 02	7564 20 03	7564 40 03
Dimensions	35 x 38 x 12 mm			
Power supply	30 V system voltage			
Max. bus load				15 mA
Inputs (for potential-free contacts) Quantity	2	4	2	4
Outputs	-	-	2	4
LED property				I max. = 850 μ A V max. = 2 V DC
Signal voltage	5 V DC, pulsed (generated by device)			
Contact current	1 mA		0.5 mA	
Line length	280 mm, can be extended up to 5 m using twisted-pair cable			
Minimum Closing time	50 ms			
Connection System voltage Solid	Removable plug-in terminal block 2-pole, 2 x 4 terminals, \varnothing 0.6...0.8 mm ²			
Ambient temperature Storage Operation	-20 °C to +70 °C 0 °C to +45 °C			

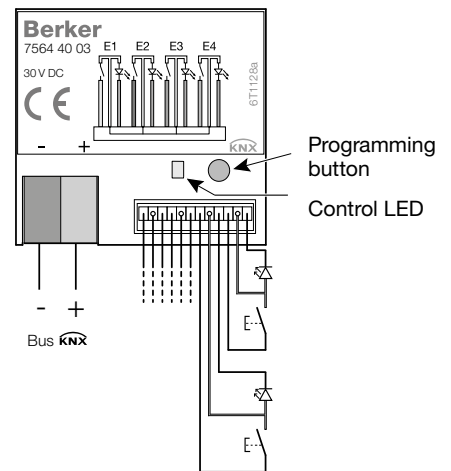
7564 40 02 push-button input



7564 20 03 push-button input



7564 40 03 push-button input



Technical data

	7531 41 13 7531 61 02 7531 81 02 TYA610A	TYA604B TYA606B TYA608B TYA610B	7531 41 15 7531 61 04 7531 81 04 TYA610C	7531 41 16 7531 61 05 7531 81 05 TYA610D TYM616D TYM620D	7531 60 17	TYB601B TYB602F TYB692F
Installation type	RMD					built-in
In, rated current (A)	4 A	10 A	16 A	16 A C load	16 A C load	10 A / 6 A / 6 A
Un, rated voltage (V)	250/440 V AC					250 V AC:
Number of outputs	4 / 6 / 8 / 10 / 16 / 20				6	1/2 / 2+2 inputs
Module width (SU)	4 / 4 / 6 / 6 / 8 / 10				6	44 x 43 x 22.5 mm
Manual operation with KNX bus voltage	yes				yes	
Manual operation without KNX bus voltage	no / no / yes / no / no / no				No	
LED status display	yes					
Label window	yes					No
Current measurement	No				yes	No
Supply voltage	30 V DC SELV (plus 230 V AC with 7531 81 0 ..)					
Power dissipation	1/1/2/3 W	3/5/6/7 W	8/12/12/15/20/25 W		3 W	
Typical own consumption on the KNX	4 / 4.3 / 15.2 / 15.9 / 5 / 5 mA				6.2 mA	7 mA
Typ. own consumption on the KNX with mains power supply	0 / 0 / 2 mA / 0 / 0 / 0				No	
Own consumption in idle state on the KNX	3.3 / 3.3 / 8.6 / 7.5 / 3 / 3 mA				5.1 mA	5 mA
Own consumption on standby on the KNX with mains power supply	0 / 0 / 2 mA / 0 / 0 / 0				No	
Maximum switching cycle rate at full load	6 cycles/minute					20 cycles/minute
Maximum current per device (total)	16/24/32/40 A	30/45/60/75 A	45/60/80/100/176/200 A		68 A	
Measuring range	No				0.02 - 16 A	No
Measuring accuracy over the entire range	No				< 2 % +/- 10 mA	No
Measuring increments	No				50 mA	No
AC1 operation (cos = 0.8) DIN EN 60947-4-1	4 A	10 A	16 A			10 A / 6 A / 6 A
C load switching capacity	No			16 A (200 µF)	16 A (200 µF)	No
Incandescent lamp load at 230 V AC	800 W	1200 W	2300 W	2300 W	2300 W	600 W / 500 W / 500 W
T5/T8 fluorescent lamps:						
– Uncompensated	800 W	1000 W	1200 W	1200 W	800 W	600 W / 500 W / 500 W
– With electronic ballast (mono or duo)	12 x 36 W	15 x 36 W	20 x 36 W	20 x 36 W	25 x 18 W	6 x 58 W / 6 x 48 W / 6 x 48 W
– Conventional ballast, parallel	No			1500 W (200 µF) TYMxx 1000 W (130 µF)	1000 W (130 µF)	No
Low-voltage halogen lamps:						
– Inductive transformer	800 W	1200 W	1600 W (TYMxx 1500 W)			600 W / 500 W / 500 W
– Electronic transformer	800 W	1000 W	1200 W (TYMxx 1500 W)		1380 W	600 W / 500 W / 500 W
230 V halogen lamp	800 W	1200 W	2300 W			600 W / 500 W / 500 W
230 V energy-saving lamps	6 x 23 W	12 x 23 W	18 x 23 W	18 x 23 W (TYMxx 25 x 18 W)	25 x 18 W	5 x 15 W / 5 x 13 W / 5 x 13 W
LED:						
– LED	72 W	144 W	200 W (TYMxx 450 W)			75 / 65 / 65
– Max. number of LED/ESL lamps	6	12	18	18 (TYMxx 25)	18	5 / 5 / 5
Connection mode	quickconnect (TYMxx PZ1 box terminals)					PZ1 box terminal
Connection cross-section, rigid/flexible	0.75 - 2.5 mm ² (TYMxx 0.5 - 6 mm ² or 0.5 - 4 mm ²)					
Number of inputs						0 / 0 / 2
Length of input cables						0 / 0 / 9.9 m

Technical data

	7531 41 13 7531 61 02 7531 81 02 TYA610A	TYA604B TYA606B TYA608B TYA610B	7531 41 15 7531 61 04 7531 81 04 TYA610C	7531 41 16 7531 61 05 7531 81 05 TYA610D TYM616D TYM620D	7531 60 17	TYB601B TYB602F TYB692F
Switching functions						
– On/off delay	yes	yes	yes	yes	yes	yes
– Safety off	yes	yes	yes	yes	yes	yes
– Timer (interruptible/retriggerable)	yes	yes	yes	yes	yes	yes
– Switch-off pre-warning	yes	yes	yes	yes	yes	yes
– Timer duration adjustable via object	yes	yes	yes	yes	yes	yes
– Flashing	yes	yes	yes	yes	yes	yes
– Adjustable as NO contact or NC contact	yes	yes	yes	yes	yes	yes
– Presets (with 1 or 2 objects)	yes	yes	yes	yes	yes	yes
Blocking functions (with 1 or 2 objects)	yes	yes	yes	yes	yes	yes
– Priority (2 bit)	yes	yes	yes	yes	yes	yes
– Configurable manual operation (lock/release/status)	yes	yes	yes	yes	yes	yes
– Status display with transmission delay	yes	yes	yes	yes	yes	yes
Blind function						
– (See roller shutter/blind outputs)	yes	yes	yes	yes	No	no/yes/yes
Current detection	No	No	No	No	yes	
– Current threshold for switching confirmation	No	No	No	No	yes	
– Current threshold for monitoring (1-stage and 2-stage)	No	No	No	No	yes	
– Message if there is no current flow (after a certain amount of time)	No	No	No	No	yes	
– Switching cycle counter	No	No	No	No	yes	
– Measured value transfer	No	No	No	No	yes	
– Alarm: Current flow with open contact	No	No	No	No	yes	
Scene function						
– Max. 64 scenes to select from per output	yes	yes	yes	yes	yes	yes
– Scenes can be stored with a long button press Button-press	yes	yes	yes	yes	yes	yes
– Store scene action can be adjusted	yes	yes	yes	yes	yes	yes
– On/off/flashing scene functions	yes	yes	yes	yes	yes	yes
Logic function						
– 2 logic blocks per device	yes	yes	yes	yes	yes	yes
– Max. 4 inputs per logic block	yes	yes	yes	yes	yes	yes
– AND logic function	yes	yes	yes	yes	yes	yes
– OR logic function	yes	yes	yes	yes	yes	yes
special functions						
– “Reset to ETS parameters” object	yes	yes	yes	yes	yes	yes
– Lockable device LED display	yes	yes	yes	yes	yes	yes
– Action in the event of bus voltage failure/return	yes	yes	yes	yes	yes	yes
– Action during/after ETS download	yes	yes	yes	yes	yes	yes

Technical data

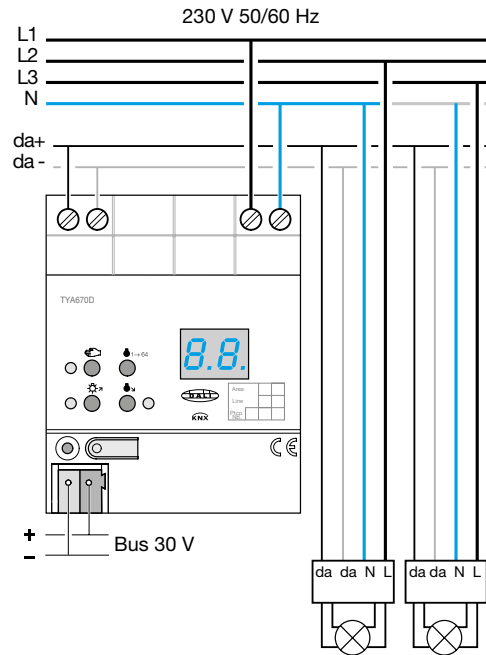
	TYA661AN (1 x 300 W)	TYA661BN (1 x 600 W)	TYA663AN (3 x 300 W)		7531 40 24 (4 x 300 W)	
Installation type	RMD					
Un, rated voltage (V)	250 V AC					
Number of outputs	1	1	3	4		
Module width (SU)	4	4	6	8		
Manual operation with KNX bus voltage	yes					
Manual operation without KNX bus voltage	yes					
LED status display	yes					
Label window	yes					
Supply voltage	30 V DC SELV					
Power dissipation	4 W	7.5 W	8.9 W			
Maximum bus load	2.3 mA					
Consumption without load	350 mW	350 mW	600 mW			
Incandescent lamp load at 230 V AC	300 W	600 W	1 x 900 W	1 x 600 W 1 x 300 W	3 x 300 W	4 x 300 W*
230 V halogen lamp	300 W	300 W	1 x 900 W	1 x 600 W 1 x 300 W	3 x 300 W	4 x 300 W*
LV halogen lamps: – Inductive transformer	300 W	300 W	1 x 900 W	1 x 600 W 1 x 300 W	3 x 300 W	4 x 300 W*
– Electronic transformer	300 W	300 W	1 x 900 W	1 x 600 W 1 x 300 W	3 x 300 W	4 x 300 W*
Dimmable 230 V energy-saving lamps	60 W	120 W	1 x 210 W	1 x 120 W 1 x 60 W	3 x 60 W	4 x 60 W*
Dimmable LED:	60 W	120 W	1 x 210 W	1 x 120 W 1 x 60 W	3 x 60 W	4 x 60 W*
– Dimmable LED						
– Max. number of LED lamps	8	10	15	15 8	3 x 8	4 x 8*
Connection mode	QuickConnect					
Connection cross-section, rigid/flexible	0.75 - 2.5 mm ²					
Switching/dimmer functions						
– Relative dimming with dimming time	yes					
– Value for dimming in/out time	yes					
– Dimming value when switching on	yes					
– On/off delay	yes					
– Safety off	yes					
– Timer (value in %, flashing)	yes					
– Timer (interruptible/retriggerable)	yes					
– Switch-off pre-warning	yes					
– Timer duration adjustable via object	yes					
– Presets (with 1 or 2 objects)	yes					
Blocking functions (with 1 or 2 objects)	yes					
– Priority (2 bit)	yes					
– Configurable manual operation (lock/release/status)	yes					
– Status display with transmission delay after bus return	yes					
Scene function						
– Max. 64 scenes to select from per output	yes					
– Scenes can be stored with a long button press	yes					
– Store scene action can be adjusted	yes					
– On/off/flashing/value in % scene functions	yes					
Logic function						
– 2 logic blocks per device	yes					
– Max. 4 inputs per logic block	yes					
– AND logic function	yes					
– OR logic function	yes					
Special structures						
– Dimmer mode (inductive, capacitive, LED, etc.)	yes					
– Overload	yes					
– Short-circuit	yes					
– Overvoltage	yes					
– Excessive temperature	yes					
– Defective load (no current flow)	yes					
special functions						
– “Reset to ETS parameters” object	yes					
– “Device diagnostics” object	yes					
– Switches off device LED display	yes					
– Dimming value in the event of bus voltage failure/return	yes					
– Dimming value after ETS download	yes					
– Dimming value after return of mains supply	yes					
– Operating hour meter	yes					

* Increase of load possible by parallel switching of the outputs

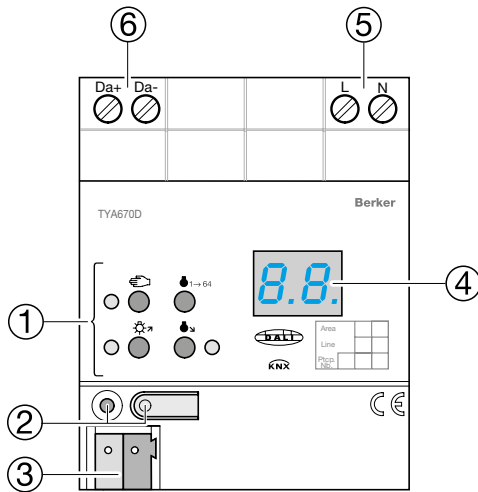
DALI gateway specifications (only programmable with ETS)

Order no.	TYA670D
KNX system voltage	30 V DC
Power consumption, KNX	typ. 150 mW
Mains power supply	110 to 240 V AC
Mains frequency	50/60 Hz
Max. power dissipation	3 W
Number of DALI devices	max. 64 (current consumption 2 mA in each case)
DALI voltage	typ. 16 V
DALI transmission rate	1200 bit/s
DALI Protocol	DIN EN 62386 Appendix E4
Cable length for gateway devices with 1.5 mm ² cable cross-section	max. 300 m
with 1.0 mm ² cable cross-section	max. 238 m
with 0.75 mm ² cable cross-section	max. 174 m
with 0.5 mm ² cable cross-section	max. 116 m
Resistance of DALI cable	max. 4 Ohms for basic length (8 Ohms for feed and return cable)
KNX connection	Connecting terminal
DALI connection	screw terminal
single stranded	0.2 to 4 mm ²
finely stranded without conductor sleeve	or 2 x 0.2 to 2.5 mm ²
finely stranded with conductor sleeve	0.75 to 4 mm ²
Operating temperature	-5 °C to +45 °C
Storage temperature	-25 °C to +70 °C
Dimensions	4 SU

TYA670D connection

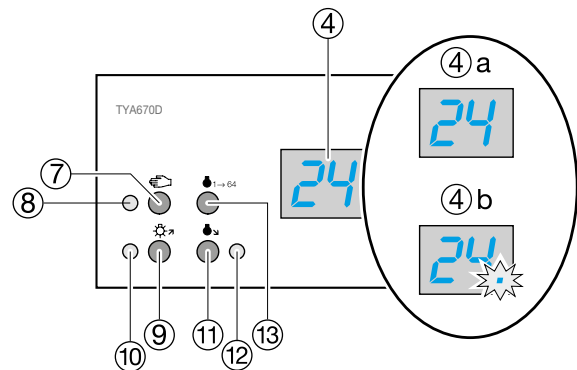


TYA670D Design and layout of the device



- ① Button panel for manual operation
- ② Programming button and LED
- ③ KNX connection
- ④ Display DALI group
- ⑤ Mains power supply connection
- ⑥ DALI output

TYA670D Operation (operating elements)



- ④ Display DALI channels (1...32)
4a DALI groups
4b Single devices
- ⑦ Button Manual operation
- ⑧ LED on: Permanent manual operation active
- ⑨ Button : Switch on or dim brighter
- ⑩ LED on: DALI single device or group switched on
Brightness 1 to 100%
- ⑪ Button : Ausschalten oder dunkler dimmen
- ⑫ LED on: DALI single device or group switched off

Dimmer and light control specifications

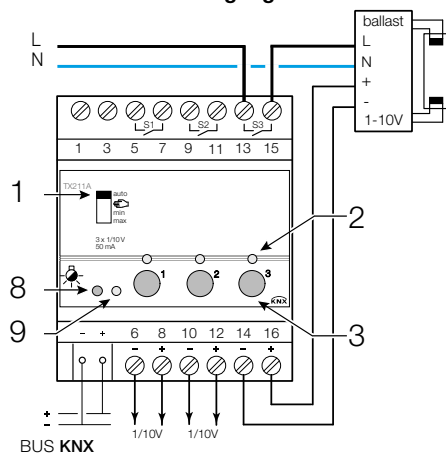
Order no.	TX211A
KNX system voltage	30 V DC
Supply voltage	230 V AC (+10 % / -15 %), 50 Hz / 60 Hz
Max. power dissipation	9 W
Max. bus load	2.3 mA
Dimensions	4 SU
Degree of protection	IP30
Standards	NF EN 60669-1 NF EN 60669-2-1 EN 60669-2-1
Connection quickconnect	Cage terminal Flexible, 1 to 6 mm ² Solid, 1.5 to 10 mm ²
Labelling	Large label window
Bus line connection	TG008 plug-in terminals, 2-pole
Operating temperature	0 °C to +45 °C
Storage temperature	- 20 °C to +70 °C

Load/switching capacity

	Load (at 45 °C in each case)
Load type	TX211A
230 V~ incandescent lamps	2300 W
230 V~ halogen lamps	2300 W
Conventional transformer 12 V~	1500 VA
24 V~	
Electronic transformer 12 V~	1500 VA
24 V~	
Fluorescent lamps with double switch	1000 VA
Fluorescent lamps with electronic ballast	1000 VA
1/10 V control voltage	max. 50 mA Control current Line length max. 50 m

Note the power dissipation of the transformers.

1 - 10 V control unit 3gang TX211A

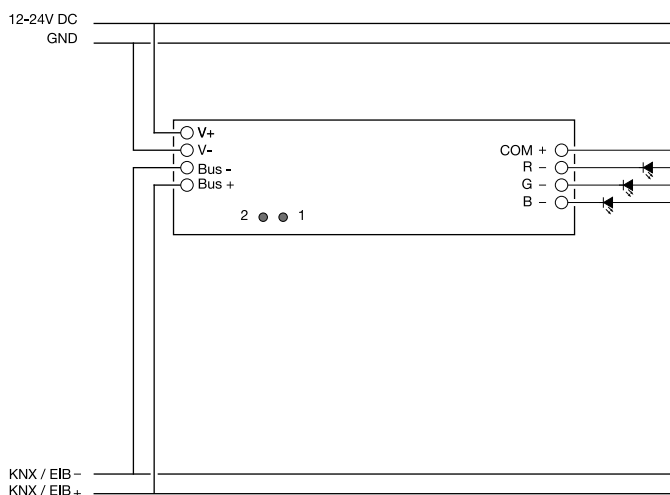


Technical properties

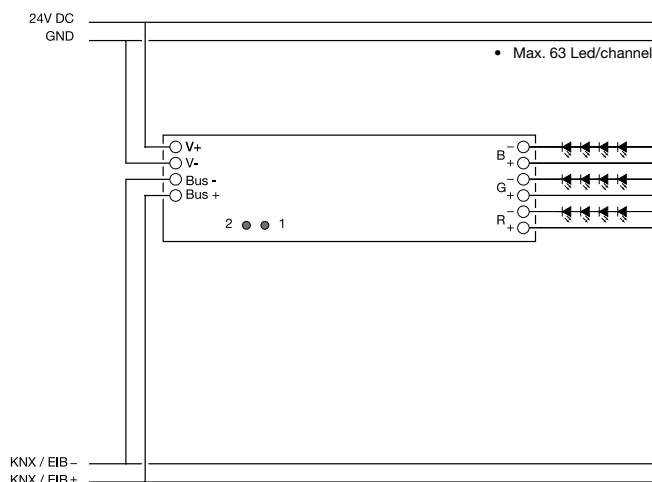
Order no.	TYB673A	TYB673B
For LED type	Voltage-controlled	Current-controlled
KNX system voltage	30 V DC	
Supply voltage	12 – 24 V DC	24 V DC
Number of channels	1-3	
Current consumption KNX	max. 12 mA	
Max. load	2.2 A / channel	-
Max. power	At 12 V DC: 80 W At 24 V DC: 155 W	-
Max. output signal	-	22 V DC
Output current	-	350 / 500 / 700 mA (adjustable via switch)
Dimensions (H x W x D)	45 x 187 x 20 mm	
Output signal	PWM / 600 Hz	
Max. cable length	10 m	
Degree of protection	IP20	
Standards	EN55015 : 2006-12-01+ A1 : 2007-05-01+ A2 : 2009 + A3 : 2013 EN61547 : 2009-10-01 + A1 : 2000-12-01 EN50491-3 : 2009 EN50491-4-1 : 2012	
Output connection	0.75-1.5 mm, screw terminal	
Bus line connection	TG008 plug-in terminals, 2-pole	
Supply voltage connection	TG025 plug-in terminals, 2-pole	
Operating temperature	-5 °C to +45 °C	
Storage temperature	-20 °C to +70 °C	

Connection

TYB673A



TYB673B



- ① Button for physical addressing
- ② Indicator lamp

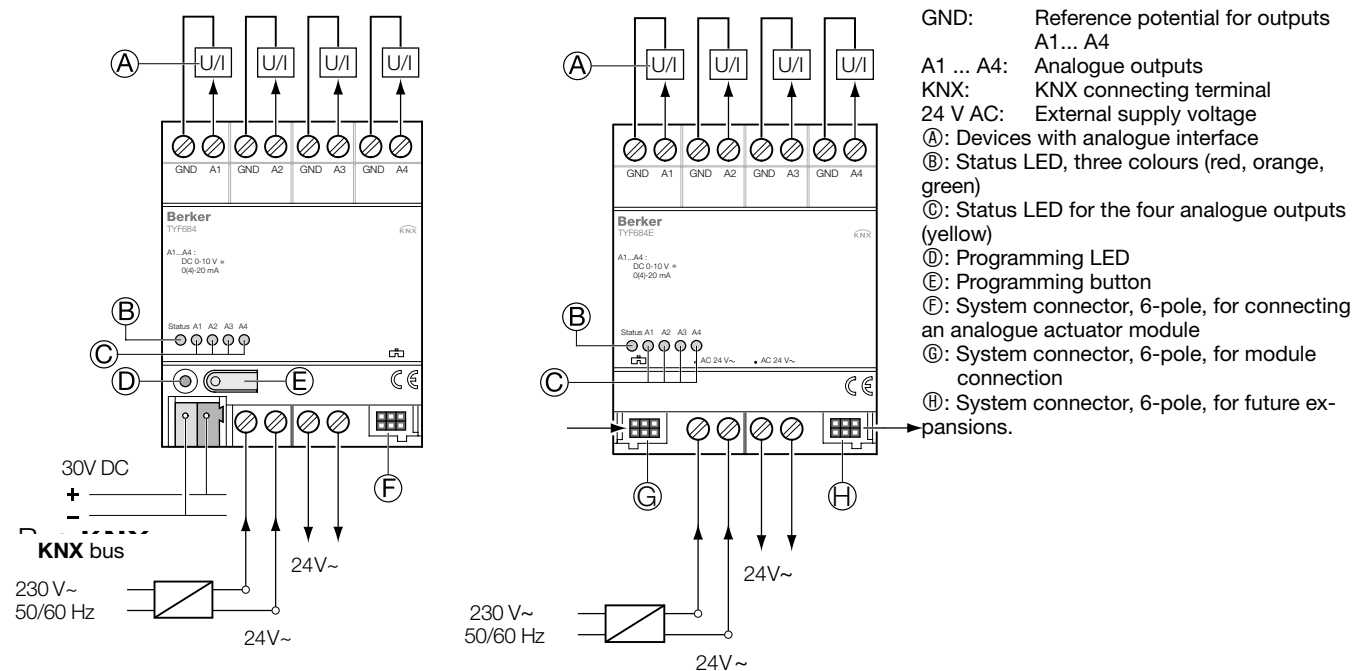
Technical data

	7531 40 23 (roller shutter) 7531 41 19 (roll./blind) 7531 81 07 (roller shutter) 7531 81 08 (roll./blind) TYM632C (roll./blind)	7531 41 18 (roller shutter) 7531 41 11 (roll./blind)	7534 11 04 (roll./blind)
Installation type	RMD	RMD	built-in
Un, rated voltage (V)	250/440 V AC	24 V DC	250 V AC:
In, rated current (A)	6 A AC1 (TYM632C 4 A)	6 A	4 A AC1
Number of outputs	4 / 4 / 8 / 8 / 12	4 / 4	1
Module width (SU)	4 / 4 / 6 / 6 / 10	4 / 4	53 x 29 mm
Manual operation with KNX bus voltage	yes		
Manual operation without KNX bus voltage	yes		
LED status display	yes		
Label window	yes	yes	No
KNX supply voltage	30 V DC SELV	30 V DC SELV	30 V DC SELV
Power dissipation	2 W (TYM632C 3 W)	2 W	225 mW
Typical own consumption on the KNX	5.2 / 5.2 / 15.8 / 15.8 mA (TYM632C 7 mA)	5.2 / 5.2 mA	5.9 mA
Own consumption in idle state on the KNX	4.5 / 4.5 / 8.8 / 8.8 mA (TYM632C 5 mA)	4.5 / 4.5 mA	4.7 mA
Maximum switching cycle rate at full load	20 cycles/minute (TYM632C 6 cycles/minute)		
Functions			
- Up/down, slat step/stop (blind function)	no/yes/no/yes/yes	no/yes	yes
- Up/down, stop (roller shutter function)	yes	yes	yes
- Moving to position in %	yes	yes	yes
- Rotating the slats (0 - 100 %)	no/yes/no/yes/yes	no/yes	yes
- Adjustable running time to the top and bottom final position	yes		
- Presets (with 1 or 2 objects)	yes		
Blocking functions (with 1 or 2 objects)	yes		
- Priority (2 bit)	yes		
- Configurable manual operation (lock/release/status)	yes		
- Lockable solar protection on a permanent/limited basis	yes		
Safety functions			
- Max. 3 alarms with defined priorities	yes		
- Behaviour during/after alarm	yes		
- Adjustable monitoring time	yes		
- Safety interlock	yes		
- Safety departure (moves as long as pressed)	yes		
Status messagees			
- Position in %	yes		
- Slat position in %	no/yes/no/yes/yes	no/yes	yes
- Top final position reached	yes		
- Bottom final position reached	yes		
- Lock-up	yes		
- Priority	yes		
- Alarm	yes		
- Sun protection	yes		
- Safety interlock	yes		
Scene function			
- Max. 64 scenes to select from per output	yes		
-Scenes can be stored with a long button press	yes		
- Store scene action can be adjusted	yes		
- Up/down/specific position/reactivate sun protection/lock sun protection scene functions	yes		
Logic function			
- 2 logic blocks per device	yes		
- Max. 4 inputs per logic block	yes		
- AND logic function	yes		
- OR logic function	yes		
special functions			
- "Reset to ETS parameters" object	yes		
- Switches off device LED display	yes		
- "Device diagnostics" object	yes		
- Action in the event of bus voltage failure/return	yes		
- Action after ETS download	yes		

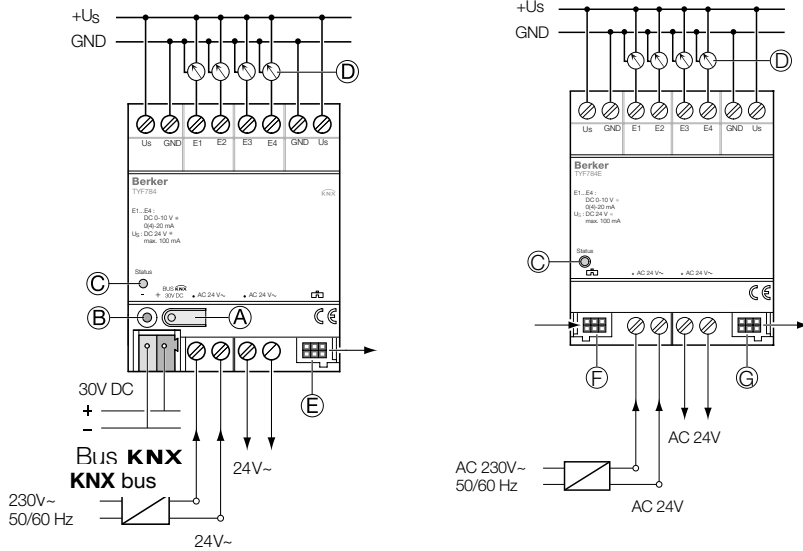
Analogue actuator specifications

	TYF684	TYF684E	TYF784	TYF784E
Supply voltage	24 V ~ ± 10 %			
Current consumption	max. 308 mA	max. 120 mA	max. 250 mA	max. 170 mA
Current consumption on system plug	-	typ. 6 mA	-	typ. 170 mA
Max. power dissipation	7.4 W	2.9 W	6 W	4.1 W
KNX system voltage	30 V DC	-	30 V DC	-
Power consumption, KNX	typ. 150 mW	-	typ. 150 mW	-
Dimension	4 SU			
Degree of protection	IP20			
Connection	0.5 mm ² to 4 mm ² 0.34 mm ² to 4 mm ² without conductor sleeves 0.14 mm ² to 2.5 mm ² with conductor sleeves			
KNX connection between analogue actuator and analogue actuator module	6-pole system plug (supplied with analogue actuator module)			
Analogue outputs (evaluable sensor signals)	0 to 1 V — 0 to 10 V — 0 to 20 mA — 4 to 20 mA —		-	
Voltage signal resistance	≥ 1 kΩ		-	
Current signal resistance	≤ 500 Ω		-	
Sensor inputs (evaluable sensor signals)	-		0 to 1 V — 0 to 10 V — 0 to 20 mA — 4 to 20 mA —	
Voltage measurement impedance	-		approx. 18 kΩ	
Current measurement impedance	-		approx. 100 Ω	
Power supply for external sensors (+Us)	-		24 V — max. 100 mA	
Number of possible extension modules	1	-	1	-
Operating temperature	-5 °C to +45 °C			
Storage temperature	-25 °C to +70 °C			
Bus line connection	TG008 plug-in terminals, 2-pole			

TYF684 / TYF684E connection diagram



TYF784 / TYF784E connection diagram



- +Us: Power supply for external sensors
- GND: Reference potential for +Us and inputs E1... E4
- E1 ... E4: Measured value inputs
- KNX: KNX connecting terminal
- 24 V~: External supply voltage
- Ⓐ: Programming button
- Ⓑ: Programming LED
- Ⓒ: Status LED
- Ⓓ: Sensor
- Ⓔ: Module connection, 6-pole, for connecting an analogue input module.
- Ⓕ: System connector, 6-pole, for module connection
- Ⓖ: System connector, 6-pole, for future expansions
- Ⓗ: System connector, 6-pole, for future expansions

TYF684 / TYF784 commissioning

After the initial switch-on, the analogue actuator performs a module scan (status LED: "Orange / on"). As a new device does not contain a project by default, the status LED then switches to "Red / flashing quickly". A connected analogue actuator module signals that it is ready for operation by switching its status LED to "Flashing quickly". Once a project has been loaded in the analogue actuator / analogue input, the status LED switches to "Green / on"; the module switches its status LED off.

TYF684 / TYF784 status LED

	TYF684	TYF784
Off	No power supply	
Orange / on	Module scan by analogue actuator	Module scan by analogue input
Orange / flashing quickly	Analogue actuator module scan	Analogue input module scan
Red / flashing slowly	Error: Undervoltage at module connection / short-circuit U _s	Error: Undervoltage at module connection / short-circuit U _s
Red / flashing quickly	Error: No project / error in parameterisation	
Green / flashing slowly	Address assignment, module scan complete, projecting OK	
Green / flashing quickly	Parameter download in module	
Green / on	Module scan complete, everything OK	

Flashing slowly = 1/sec.; flashing quickly = 2/sec.



TYF684E / TYF784E status LED

Device status (red)

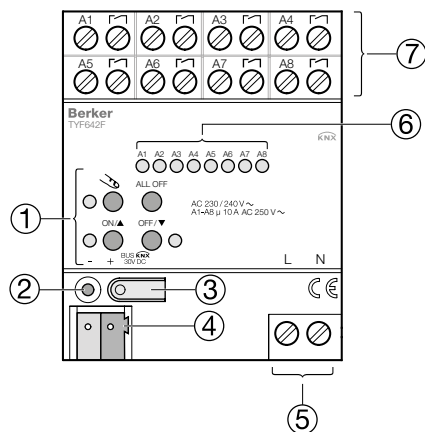
	TYF684E	TYF784E
During module commissioning		
On	Module is ready for operation (self-test is OK)	
Flashing quickly	Module is currently being initialised	
Flashing slowly	Module not projected (in KNX device)	
Off	Module is initialised and commissioned. Prerequisite: The LED must have lit up first!	
In normal operation		
On	Module is not ready for operation (error)	
Off	Module is initialised and programmed. Prerequisite: The LED must have lit up first!	

Flashing slowly = 1/sec.; flashing quickly = 2/sec.

Fan coil actuator specifications

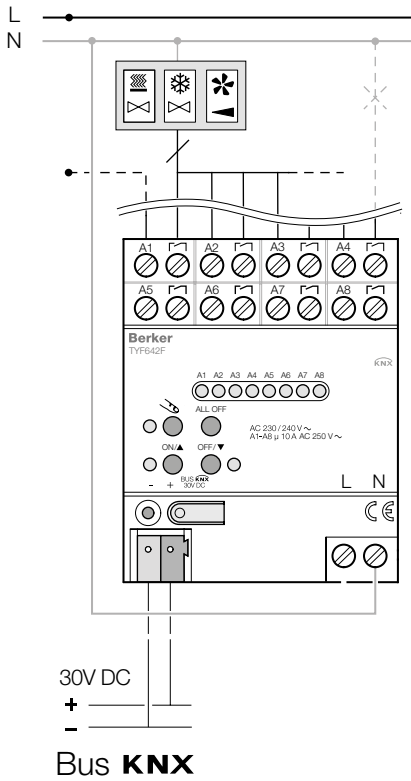
	TYF642F
Supply voltage	230 V AC 50/60 Hz
System voltage	30 V DC
Max. power dissipation	3 W
Power consumption, KNX	max. 125 mW
dimension	4 SU
Degree of protection	IP20
Connection	 1.5 mm ² to 4 mm ²  0.75 mm ² to 4 mm ² without conductor sleeves 0.5 mm ² to 2.5 mm ² with conductor sleeves
Contact type	Potential-free NO contacts, μ
Switching voltage AC	230/240 V~
Switching capacity AC1	10 A
Switching capacity AC3 (cos = 0.65)	10 A
Load per output	
Ohmic load	2300 W
Capacitive load	10 A max. 140 μ F
Motors	1380 VA
max. making current 200 μ s	800 A
max. making current 20 ms	165 A
Lamp loads	
Incandescent lamps	2300 W
230 V halogen lamps	2300 W
LV halogen lamps with Tronic transformers	1500 W
LV halogen lamps with inductive transformers	1200 W
T5/T8 fluorescent lamps	
uncompensated	1000 W
parallel compensated	1160 W / 140 μ F
Mercury vapour lamps	
uncompensated	1000 W
parallel compensated	1160 W / 140 μ F
Operating temperature	-5 °C to +45 °C
Storage temperature	-25 °C to +70 °C
Bus line connection	TG008 plug-in terminals, 2-pole

TYF642F



- ① Button panel for manual operation
- ② Programming LED
- ③ Programming button
- ④ KNX connection
- ⑤ Mains power supply connection
- ⑥ Status LED for outputs
- ⑦ Convactor fan connection

TYF642F connection diagram
(output assignment for 1 fan coil output)



Output assignment for 1 fan coil output (Tab. 2)

Modus	A1	A2	A3...A8
1	heat valve	-	fan stages
2	cool. valve	-	fan stages
3	haet/cool. valve	-	fan stages
4	cool. valve	heat valve	fan stages
5	cool. valve	heat valve	fan stages

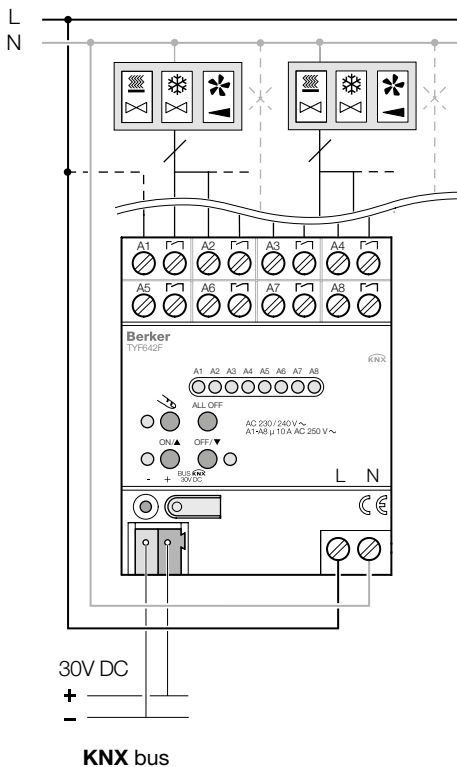
One-channel fan stages for hierarchical switching – outputs supplied with current (Fig. 4)

	A3	A4	A5	A6	A7	A8
	1	0	0	0	0	0
2	1	1	0	0	0	0
3	1	1	1	0	0	0
4	1	1	1	1	0	0
5	1	1	1	1	1	0
6	1	1	1	1	1	1

One-channel fan stages for individual switching – outputs supplied with current (Fig. 5)

	A3	A4	A5	A6	A7	A8
	1	0	0	0	0	0
2	0	1	0	0	0	0
3	0	0	1	0	0	0
4	0	0	0	1	0	0
5	0	0	0	0	1	0
6	0	0	0	0	0	1

TYF642F connection diagram
(output assignment for 2 fan coil outputs)



Output assignment for 2 fan coil outputs (Tab. 3)

Mode	A1 / A5	A2-4 / A6-8
1	heat valve	fan stages
2	cool. valve	fan stages
3	heat/cool. valve	fan stages

Two-channel fan stages for hierarchical switching – outputs supplied with current (Fig. 7)

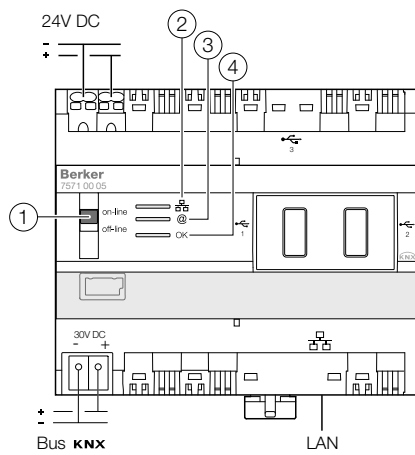
	A2	A3	A4	A6	A7	A8
	1	0	0	1	0	0
2	1	1	0	1	1	0
3	1	1	1	1	1	1

Two-channel fan stages for individual switching – outputs supplied with current (Fig. 8)

	A2	A3	A4	A6	A7	A8
	1	0	0	1	0	0
2	0	1	0	0	1	0
3	0	0	1	0	0	1

7571 00 05 connection diagram

	LED status	Lighting	Troubleshooting measure
□	Does not light up	No network connection	Connect network cable
	Red, permanent	IP address conflict	Check the IP addresses used in the network
	Green, flashing	Waiting for IP address of DHCP server	-
②	Green, permanent	IP address received	-
@	Does not light up	No network connection	Connect network cable
	Red, permanent	Portal not accessible	Check Internet access or permission denied
③	Green, flashing	Establishing connection to portal	-
	Green, permanent	Connection to portal established	-
OK	Red, flashing	Power supply problem	Check power supply
	Red, permanent	Device faulty	Inform Hager technical customer service
④	Green, flashing	domovea server is starting	-
	Green, permanent	domovea server ready for operation	-



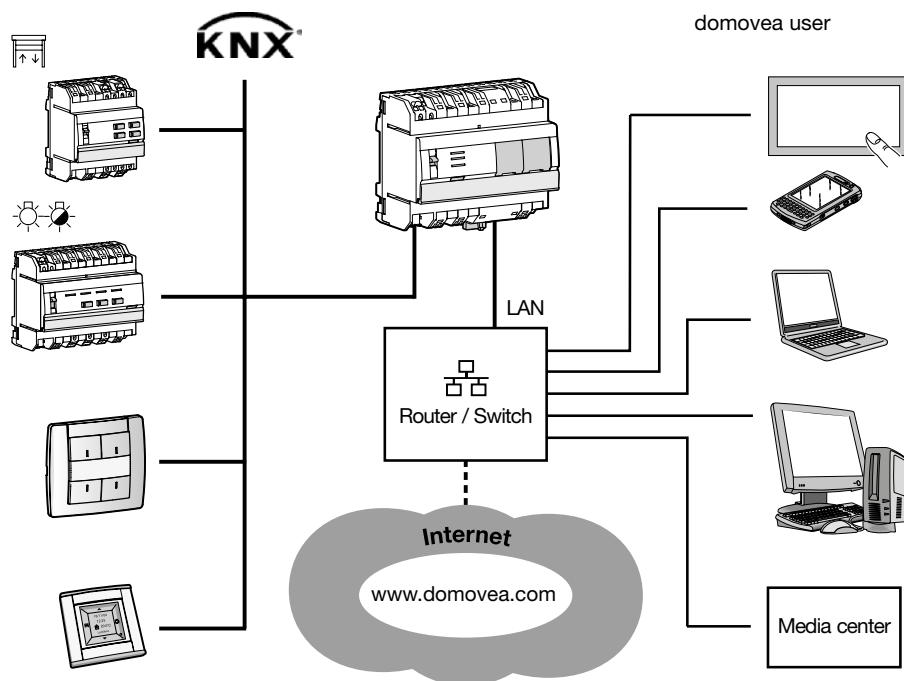
Technical data	7571 00 05
KNX connection	KNX bus 30 V DC
Auxiliary voltage	24 V DC (SELV)
Current consumption from the bus line	max. 10 mA, 30 V DC
Current consumption from the auxiliary voltage supply	max. 150 mA, 24 V DC
Ethernet network	100 BaseT (100 Mbit/s)
Bus connections	0.6 - 0.8 mm ²
Power supply connection	0.75 - 2.5 mm ²
Ethernet/IP network connection	RJ 45
Operating temperature	0 °C → +45 °C
Storage temperature	-20 °C → +70 °C
Degree of protection	IP20
Dimensions (1 module = 18 mm)	6 x 17.5 mm

PC system requirements:

- Microsoft® Windows® XP/Vista/Windows 7/ Windows Media Center
- Pentium processor with at least 600 MHz or comparable
- At least 128 MB RAM, recommended 256 MB or more
- VGA graphics card with at least 16-bit colour depth (high colour) and a resolution of 1024 x 768 pixels
- Free hard disk space of at least 500 MB
- Network adapter

Range of functions:

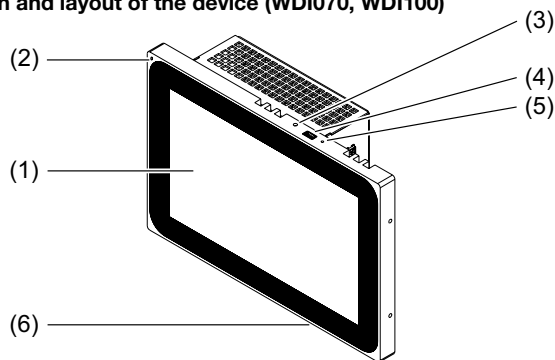
- 100 groups (parts of buildings, rooms, areas, etc.)
- 500 devices (e.g. for lighting, blinds and sensors, etc.)
- 10 IP cameras (to be selected from a set manufacturer list)
- 50 sequences
- 30 clients (profiles)
- Image memory for groups and devices, max. 20 MB
- 100 energy measurement archives



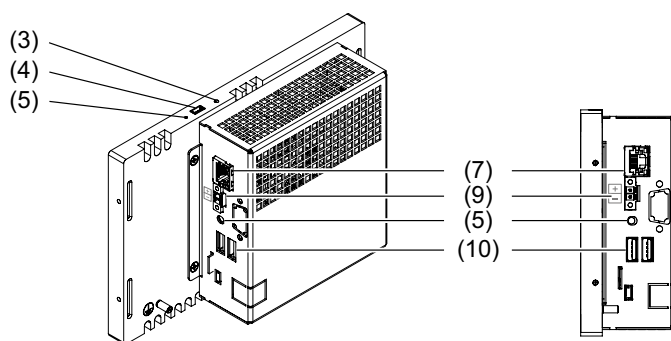
Technical properties

Order no.	WDI070	WDI100	WDI101	WDI161
Operating system	Android 4.0.x		Windows 7, embedded	
Supply voltage	24 V DC			
Supply voltage via PoE	Yes (do not use for door speech function)		No	No
Display size	7"	10"	10"	16"
Display format	16:9			
Resolution	800 x 480 pixels	1280 x 800 pixels	1280 x 800 pixels	1366 x 768 pixels
Protection class	IP20			
Standards	EN 55022: 2010 Class B EN 55024: 2010 EN 60950-1: 2006+A2: 2013			
Ethernet connection	1 x RJ45		2 x RJ45	
Power consumption				
PoE	13 W		-	
Auxiliary voltage (24 V DC)	18 W		18 W	
Ethernet data transmission rate	10/100 Mbit/s		1000 Mbit/s	
Auxiliary voltage connection				
Rigid	max. 1.5 mm ²			
Flexible	max. 0.75 mm ²			
Operating temperature	+5 °C to +45 °C		+5 °C to +35 °C	
Storage temperature	-20 °C to +60 °C			

Design and layout of the device (WDI070, WDI100)

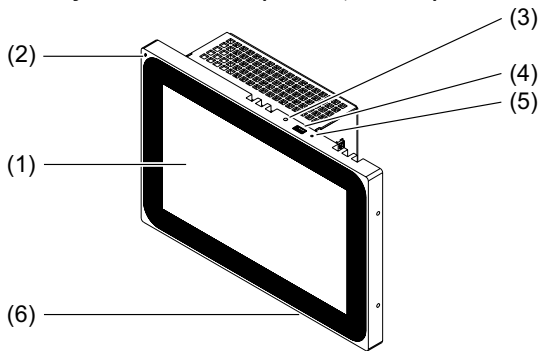


- (1) Touch-sensitive user interface
- (2) Microphone
- (3) Brightness sensor
- (4) Jack for mini USB 2.0
- (5) Reset button R for rebooting device
- (6) Loudspeaker
- (7) Gigabit Ethernet connection RJ45, LAN/PoE (7"/10" Android variant)

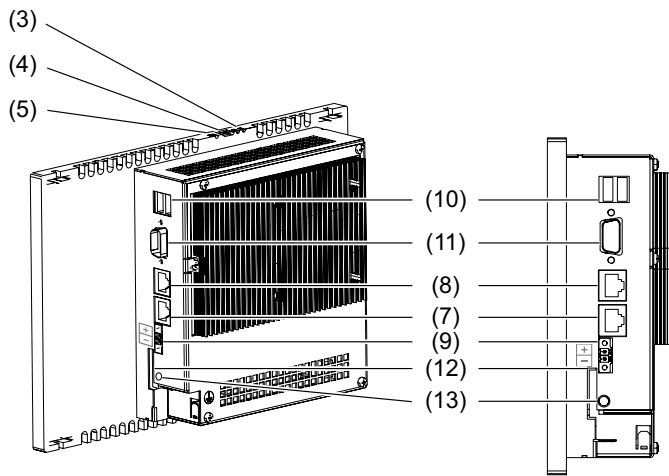


Technical properties

Design and layout of the device (WDI101, WDI161)

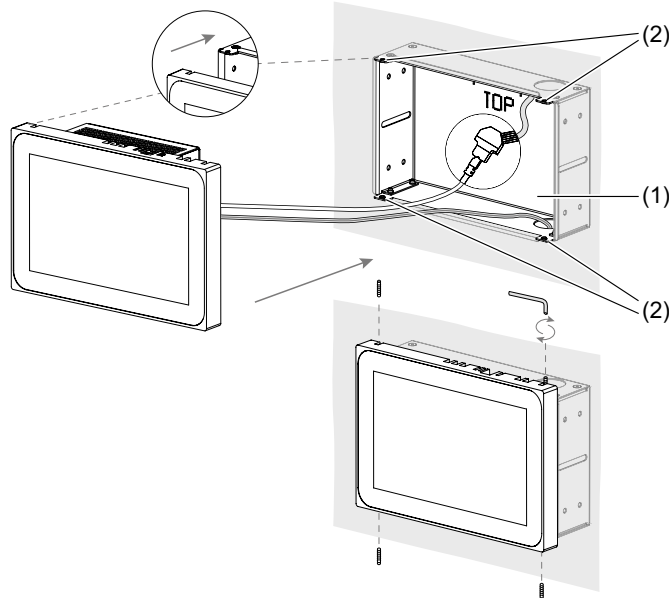


- (1) Touch-sensitive user interface
- (2) Microphone
- (3) Brightness sensor
- (4) Jack for mini USB 2.0
- (5) Reset button R for rebooting device
- (6) Loudspeaker



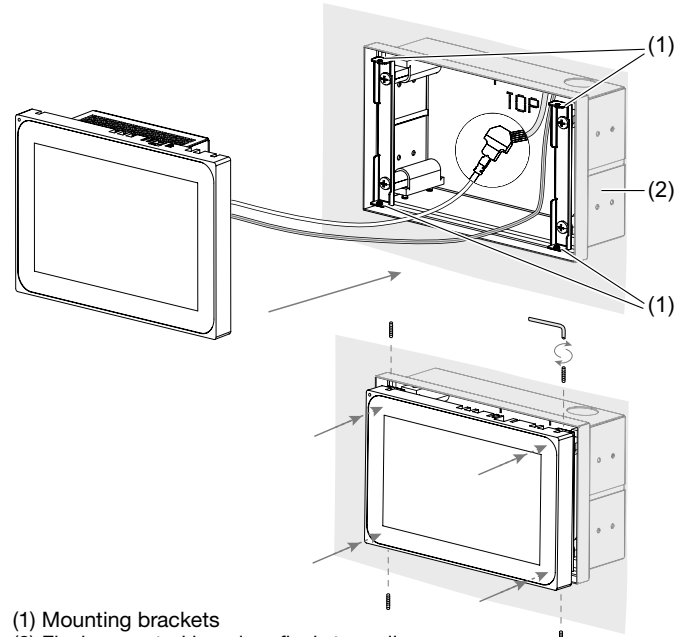
- (7) Gigabit Ethernet connection RJ45, LAN/PoE (7"/10" Android variant)
- (8) Gigabit Ethernet connection RJ45, LAN2 (10"/16" Windows variant)
- (9) Connecting terminal for auxiliary voltage 24 V DC
- (10) USB 2.0 connections
- (11) COM1, serial RS232
- (12) Slot for SD card with firmware and operating system
- (13) Connection 3.5 mm jack

Flush-mounted installation (WDW070, WDW100, WDW160)



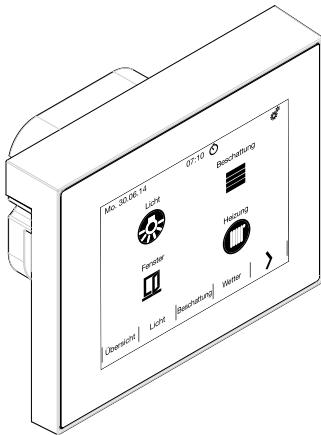
- (1) Flush-mounted housing (not within in scope of delivery)
- (2) Mounting brackets

Flush-mounted installation (WDW071, WDW101, WDW161)



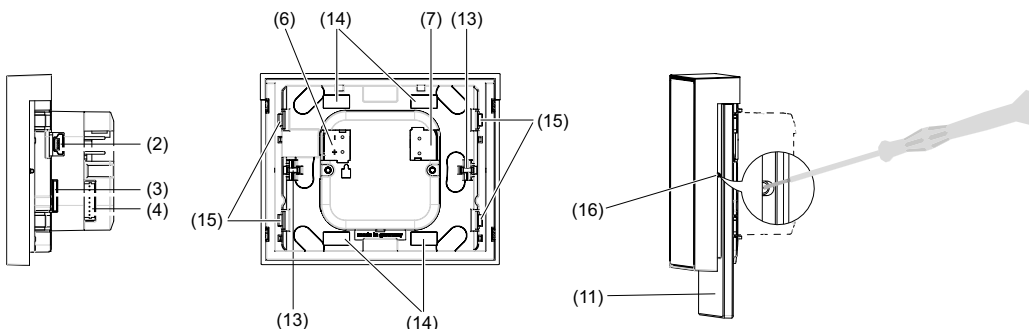
- (1) Mounting brackets
- (2) Flush-mounted housing, flush-to-wall (not within in scope of delivery)

Technical properties



Order no.	75740101
KNX system voltage	30 V DC
Supply voltage	24 V DC
Current consumption KNX	10 mA
Display size	3,5"
Display format	16:9
Resolution	320 x 240 pixels
Dimensions (H x W x D) incl. design frame	93 x 95 x 44 mm
Assembling height on wall	18 mm
Protection class	IP20
Standards	EN 50491- 5 -1: 2010 EN 50491- 5 -2: 2011 EN 50491- 5 -3: 2011
Auxiliary voltage connection	
Rigid	max. 1.5 mm ²
Flexible	max. 0.75 mm ²
Bus line connection	TG008 plug-in terminals, 2-pole
Supply voltage connection	TG025 plug-in terminals, 2-pole
External temperature sensor / binary contacts	
Connection mode	4 x analogue/digital (prefabricated)
Conductor cross-section (flexible, with conductor sleeves)	0.25 mm ²
Cable length	max. 10 m
Operating temperature	+0 °C to +50 °C
Storage temperature	-10 °C to +50 °C

Design and layout of the device (75740101)



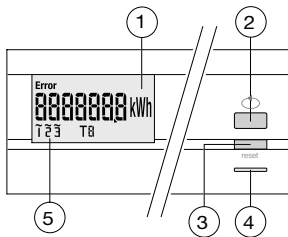
- (2) USB connection – only for programming in the factory
- (3) Slot for microSD card
- (4) Jack for binary contacts or external temperature sensor - digital/analogue IN
- (5) PRG programming button and LED
- (6) KNX bus connection terminal
- (7) Connecting terminal for auxiliary voltage – DC 12...40 V SELV

- (11) Design frame (not included in scope of delivery)
- (13) Mounting devices for supporting ring
- (14) Magnetic holding points
- (15) Fixings for design frame
- (16) Dismantling opening

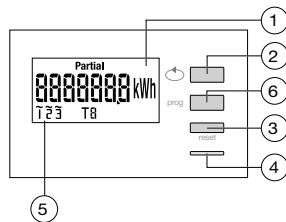
TE360/TE370 specifications (only programmable with ETS)

Order no.	TE360	TE370
Type of measurement	direct	Transformer
Max. bus load	8 mA	
Measuring range	80 mA - 100 A	50 - 6000 A / 5 A
KNX system voltage	30 V DC	
Operating voltage	230/400 V~ +/-15 %	
Operating frequency	50/60 Hz +/- 2 Hz	
Accuracy class	B (1 %)	
Periodic saving	Yes	
Display	7 digits, min. unit 0.1 kWh	
Display capacity	999,999.9 kWh	
Degree of protection for housing/front	IP20/IP50	
Protection class	II	
LED display	1 Wh/10 flashing pulses	2 Wh/flashing pulse
Tariffs	2	
Tariff switching	Tariff 1 = 0 V Tariff 2 = 230 V	
Dimensions	7 SU	4 SU
Connection		
Flexible	2.5 to 35 mm ²	1 to 6 mm ²
Solid	2.5 to 35 mm ²	1.5 to 10 mm ²
Storage temperature	-25 °C to +55 °C	
Operating temperature	-10 °C to +55 °C	
Bus line connection	TG008 plug-in terminals, 2-pole	

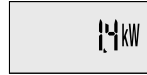
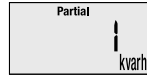
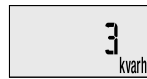
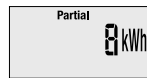
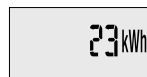
TE360 connection



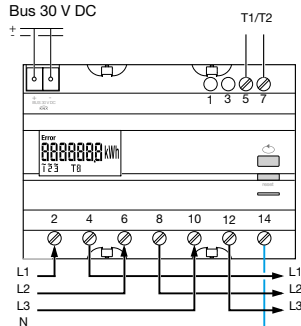
TE370 connection



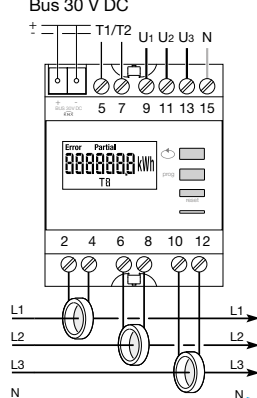
- ① LCD display
- ② Value read-out
- ③ Part counter reset, physical addressing
- ④ LED display for pulses
- ⑤ Voltage on live conductor
- ⑥ Programming button



Bus 30 V DC



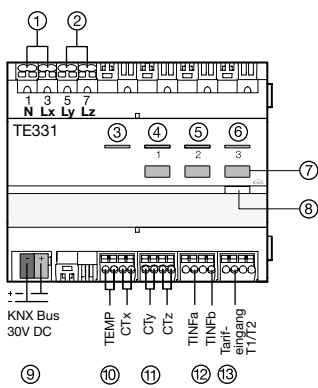
Bus 30 V DC



Specifications

		TE331
Dimensions		6 SU
Supply voltage		230 V AC +10/-15 % between N and Lx, 50 Hz
Double tariff		Tariff 1 = 0 V, Tariff 2 = 230 V
Inputs	- external sensor	EK088
Consumption data	- voltage inputs	Lx/N product power supply Lx/Ly/Lz same reference live conductor as measured live conductor for transformers CTx/CTy/CTz
	- inputs for summation current transformer	CTx, CTy and CTz not polarised, max. 90 A
	- connection	0.52 mm ² , max. length 1 m
	- working range	100 mA to 90 A
	- low value measurement	0.2 A (46 W)
	- measuring accuracy	5 %
Connection for screw-free connectors, quickconnect	- top terminals	0.75 to 2.5 mm ² , stripping length 10 mm, 2 cables/terminal
	- bottom terminals	0.2 to 1.5 mm ² , stripping length 8 mm, 1 cable/terminal
Degree of protection		IP20
Operating temperature		-5 °C to +45 °C
Storage temperature		-25 °C to +70 °C
Bus line connection		TG008 plug-in terminals, 2-pole

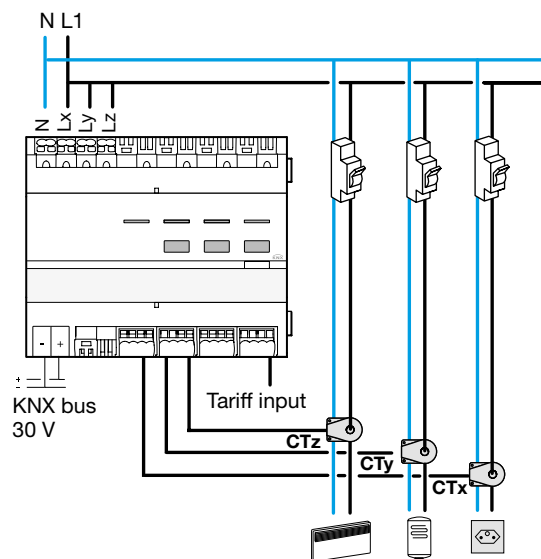
Connections



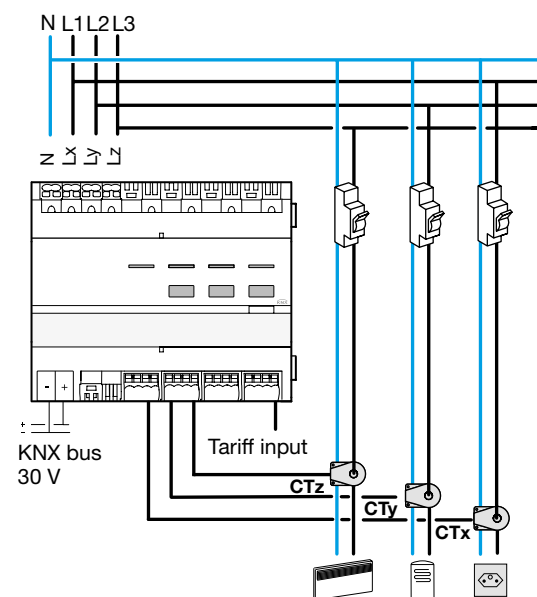
- ① Product power supply
- ② Connecting terminals of the reference phases for counter channels 2 and 3
- ③ Indicator lamp for remote communication
- ④ Indicator lamp for channel 1
- ⑤ Indicator lamp for channel 2
- ⑥ Indicator lamp for channel 3
- ⑦ Push-button for channel addressing
- ⑧ Illuminated push-button for physical addressing
- ⑨ KNX bus
- ⑩ Input for outside temperature sensor (EK088)
- ⑪ Counter inputs for the individual ring coils (channel 1: CTx, channel 2: CTy, channel 3: CTz)
- ⑫ Remote communication input (for France only)
- ⑬ 230 V tariff input

connection diagram

Single-phase mains



Three-phase mains



Heating output specifications

Order no.	TX206H
Dimensions (H x W x D)	70 x 302 x 75 mm
KNX system voltage	30 V DC
Supply voltage	230 V - 50/60 Hz (secondary 24 V)
Max. power dissipation	50 W
Max. bus load	<10 mA
Output voltage	24 V AC
Fuse protection	2 A, slow-acting
Number of channels	6
Valves per channel	max. 4 valves (max. 13 per device)
Automatic unlocking of the valve drives after switch-on	10 min.
Degree of protection	IP20
Connection	Plug-in terminals
Flexible	1.00 to 1.5 mm ²
Solid	0.5 to 1.5 mm ²
Storage temperature	-25 °C to +60 °C
Operating temperature	0 °C to +50 °C
Bus line connection	TG008 plug-in terminals, 2-pole

Valve drives

Valve opening display
e.g. 20 %

Lockable cover.
When open, provides access to programming button and unlocking of valve drive.

Recording of actual temperature

Set temperature

Reduce temperature

Increase temperature

Lockable cover.
When open, provides access to programming button and unlocking of valve drive.

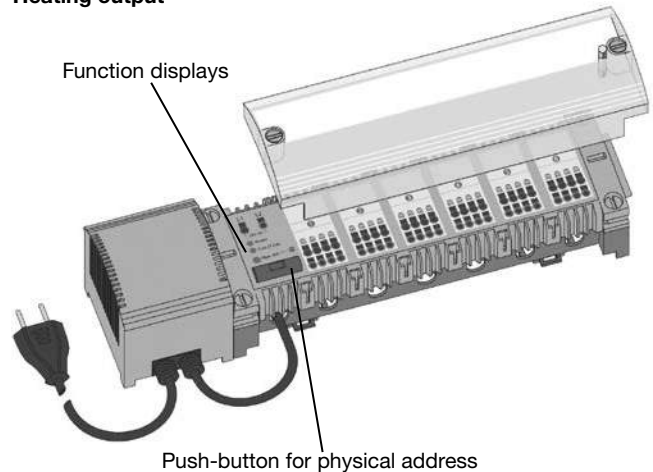
TX501



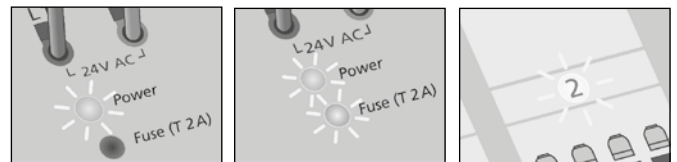
TX502



Heating output



Function displays



Operating mode indicator lights up when mains voltage is present.

Fuse indicator lights up if there is an operational fault (fuse faulty).
System must be checked by a specialist.

Function display lights up when the actuator switches voltage to the drive.

Order no.	TX501	TX502
Dimensions (H x W x D)	82 x 65 x 50 mm	
KNX system voltage	30 V DC	
Max. bus load	<10 mA	
Detection of valve end stops	automatic	
Actuating force	> 120 N	
Max. control stroke	6 mm (linear movement)	
Running time	< 20 s/mm	
Stroke display	5 LEDs	Buttons pressed simultaneously
Set value display	5 LEDs	
Valve adapter included for	Danfoss, RA, Heimeier, MNG, Schlösser Honeywell, Baukmann, Dumser, Reich, Landis+Gyr, Overtrop, Herb, Onda	
Inputs	2 binary inputs*	
Protection class	III	
Degree of protection	IP21	IP20
Connection	6-pole cable (1 m): Black/red: bus *Yellow/green: window contact White/brown: presence detector	
Storage temperature	-25 °C to +60 °C	
Operating temperature	0 °C to +50 °C	

Technical properties

Order no.	TXE531	TG053A
Commissioning	easy / ETS	ETS
System voltage	30 V DC	
Supply voltage	12 to 40 V DC SELV / 12 to 24 V AC SELV	
Current consumption KNX	6 mA	
Dimensions (H x W x D)	77 x 96 x 118 mm	
Weight	approx. 170 g	
Protection class	IP44	
Precipitation sensor Precipitation measurement Heating	yes/no (1 bit) approx. 1.2 W	
Temperature sensor Measuring range Resolution Measuring accuracy	-30 °C to +80 °C 0.1 °C ± 0.5 °C at +10 °C to +50 °C ± 1 °C at -10 °C to +85 °C ± 1.5 °C at -25 °C to +150 °C	
Wind sensor Measuring range Resolution Measuring accuracy	0 to 35 m/s 0.1 m/s ± 15 % of the measured value with an incidental flow from 90° to 270°	
Brightness/twilight sensor Cardinal direction Measuring range Measuring accuracy	South 0 lx to 150 klx ± 20 % at 0 lx to 10 klx ± 15 % at 10 klx to 150 klx	
Standards	EN 50491-3 EN 50491- 5 -2: 2011 EN 60730 - 1: 2011	
Bus line connection	TG008 plug-in terminals, 2-pole	
Supply voltage connection	Spring clips, solid or flexible, max. 0.5 mm ²	
Operating temperature	-30 °C to +50 °C	
Storage temperature	-30 °C to +70 °C	



1. Spring clips for 12 to 40 V DC SELV / 12 to 24 V AC supply, for solid conductors up to 1.5 mm² cross-section or for flexible conductors. Polarity-independent clip assignment (+/- or -/+)
2. Connector for wiring the rain sensor, integrated in the housing cover
3. GPS antenna
4. GPS signal LED
5. KNX connector (+/-)
6. Button for physical addressing
7. LED for physical addressing

Preparing the weather station

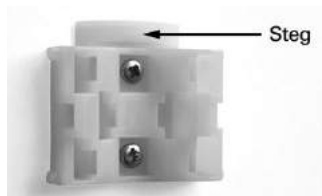


Holder installation

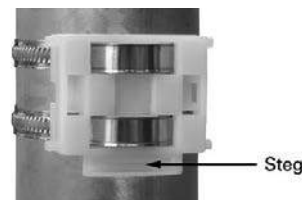
The weather station must be mounted on a vertical wall (or a mast).

Fasten the holder vertically on the wall or mast.

For wall mounting:
Flat side facing the wall, crescent-shaped element facing up.



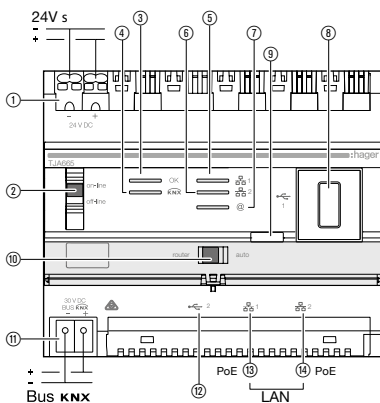
For mast mounting:
Curved side facing the mast, crescent-shaped element facing down.



Technical properties

Order no.	TJA665
KNX system voltage	30 V DC
External safety extra-low voltage	24 V DC supply (TGA200, TXA114 or via PoE)
Consumption on the bus cable	max. 10 mA - 30 V DC
Consumption on the auxiliary feed cable	max. 200 mA - 24 V DC
Typical own consumption on idle state on the KNX bus	8 mA
Typical own consumption in idle state on 24 V Ethernet connection, USB not connected	100 mA
Max. power dissipation	5 W
Consumption with PoE supply	50 mA
Ethernet network communication	2 x 100 / 1000 BaseT
Bus connections	0.6 - 0.8 mm ²
quickconnect power supply connections	0.75 - 2.5 mm ²
Ethernet network plug interface / IP	2 x RJ45
Operating temperature	0 °C to 45 °C
Storage temperature	-20 °C to +70 °C
Space requirements	6 SU
USB2 port	2
Installation type	DIN rail
Operating altitude	< 2000 m
Degree of contamination	2
Surge voltage	4 kV
Degree of protection	IP20
Impact resistance	IK04
Overvoltage class	III
Standards	EN 60950-1, EN 50491-3, EN 50491-5-2, IEE 802.3 at, USB 2.0, KNX Handbook 2.1
OS compatibility	Android: Version 4.4 or higher iOS: Version 8.0 or higher
Web browser compatibility	Safari: Version 8 or higher Chrome: All versions Firefox: All versions Internet Explorer: Version 11 or higher

Design and layout of the device

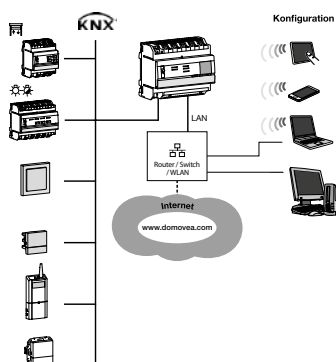


- ① Connection for external safety extra-low voltage
- ② On/off line switch
- ③ Control LED for server status
- ④ Control LED for bus communication
- ⑤ Control LED for network connection
- ⑥ Control LED for network connection
- ⑦ Control LED for Internet connection
- ⑧ USB2 port
- ⑨ Control LED for bus connection
- ⑩ "Router" - "auto" slide switch
- ⑪ KNX system voltage connection
- ⑫ USB2 port
- ⑬ Ethernet network plug interface / IP
- ⑭ Ethernet network plug interface / IP


Slide switch		Behaviour of Ethernet ports			
SELV	COM	Ethernet port 1	Ethernet port 1	Hager gateway	KNX bus
Auto	online	<p>This is the normal operation mode for the TJA665 module when connected to an external router.</p> <p>The two ports are interchangeable and can be configured via DHCP server or with a fixed IP address.</p> <ul style="list-style-type: none"> - As a DHCP client (default, factory-set mode), the TJA665 module waits for an IP address which is assigned to it via a DHCP server (router) installed within the network. If no address has been assigned after 40 seconds, the TJA665 module automatically adopts the following replacement address: 192.168.0.253 - In the case of a fixed IP address, the TJA665 module immediately adopts the parameters stored in the "Internet server configuration" tab, "Setting the configurator" menu: <ul style="list-style-type: none"> - IP address of the interface - Subnet mask - Address of the default gateway <p>Please note: Even if there is an IP address conflict in the network (if another module is already using the hidden IP address), the module will not automatically switch to the replacement address.</p>		Connected	Connected
	offline	<p>This is a replacement operating mode in which the two ports are interchangeable. In this case, these are automatically configured as a DHCP client.</p> <ul style="list-style-type: none"> - If the DHCP server has not assigned an IP address after 40 seconds, the TJA665 module automatically adopts the replacement address 192.168.0.253. 		Disconnected	Disconnected
Routers	online	<p>To be used when a PC is directly connected to the TJA665 module.</p> <p>This mode activates the DHCP server integrated in the module.</p> <p>The two ports are interchangeable and are configured with the following parameters:</p> <ul style="list-style-type: none"> - IP address of the interface: 192.168.0.253 - Subnet mask: 255.255.255.0 - Address of the default gateway: 192.168.0.1 		Connected	Connected
	offline	<p>This is a replacement mode. The two ports are interchangeable and are configured in the DHCP client mode.</p> <ul style="list-style-type: none"> - If the DHCP server has not assigned an IP address after 40 seconds, the virtual interface of the TJA665 module automatically adopts the replacement address 192.168.0.253. 		Disconnected	Disconnected

Meaning of the LEDs


LED function	LED no.	red	Green	Description
In operation	③	Does not light up	Does not light up	Module has no power supply
		Does not light up	Flashing	Module start phase
		Does not light up	Lights up	Module is starting
		Flashing	Does not light up	Module is supplied via power reserve
		Lights up	Does not light up	Error when loading the operating system (OS)
KNX	④	Does not light up	Does not light up	Module is supplied via power reserve
		Does not light up	Flashing	Connected to KNX bus – bus communication traffic
		Does not light up	Lights up	Connected to KNX bus – no bus communication traffic
		Lights up	Does not light up	No connection to KNX bus
Ethernet ① and ②	⑤ and ⑥	Does not light up	Does not light up	No network connection (or operation via power reserve)
		Does not light up	Flashing	No DHCP server detected, operation on IP replacement address
		Does not light up	Lights up	Network detected and IP address assigned
		Lights up	Does not light up	IP address conflict
		Flashing	Does not light up	Waiting for IP address assignment
Gateway	⑦	Does not light up	Does not light up	No connection to Hager gateway
		Does not light up	Flashing	Attempting to connect to Hager gateway
		Does not light up	Lights up	Connection to Hager gateway established
		Lights up	Does not light up	No access to Hager gateway possible or permission denied
Bus voltage is present	⑨	Permanent	-	Check bus voltage by briefly pressing push-button 9. The red LED lights up to indicate that the KNX bus is present.



Technical data

	TXA604D	TXA606B TXA606D	TXA608B TXA606D	TXA610B TXA610D	TXM616D TXM620D	TXB601B TXB602F TXB692F
Installation type	RMD					built-in
In, rated current (A)	4 A	10 A / 16 A C load			16 A C load	10 A / 6 A / 6 A
Un, rated voltage (V)	250/440 V AC					250 V AC:
Number of outputs	4	6	8	10	16 / 20	1/2 / 2+2 inputs
Module width (SU)	4		6		8 / 10	44 x 43 x 22 mm
Manual operation with KNX bus voltage	yes					
Manual operation without KNX bus voltage	No		yes	No		
LED status display	yes					
Label window	yes					No
Supply voltage	30 V DC SELV (plus 230 V AC with TYA608B/D)					
Power dissipation	8 W	12 W	12 W	15 W	20 W / 25 W	
Typical own consumption on the KNX	5 mA	5 mA	15.2 mA	6 mA	5 mA	7 mA
Typ. own consumption on the KNX with mains power supply			2 mA			
Own consumption in idle state on the KNX	3 mA	3 mA	4 mA	4 mA	3 mA	5 mA
Own consumption on standby on the KNX with mains power supply			2 mA			
Maximum switching cycle rate at full load	6 cycles/minute					20 cycles/minute
Maximum current per device (total)	45 A	60 A	80 A	100 A	176 A / 200 A	
Minimum switching current	100 mA					10 mA
Number of inputs						0 / 0 / 2
Length of input cables						0 / 0 / 9.9 m
AC1 operation (cos = 0.8) DIN EN 60947-4-1	4 A	10 A / 16 A C load			16 A C load	10 A / 6 A / 6 A
C load switching capacity	16 A (200 µF)					No
Incandescent lamp load at 230 V AC	TXA60xB 1200 W, TXx6xxD 2300 W					600 W / 500 W / 500 W
T5/T8 fluorescent lamps:						
– Uncompensated	TXA60xB 1000 W, TXx6xxD 1200 W					600 W / 500 W / 500 W
– With electronic ballast (mono or duo)	TXA60xB 15 x 36 W, TXx6xxD 20 x 36 W					6 x 58 W / 6 x 48 W / 6 x 48 W
– Conventional ballast, parallel	TXA60xB no, TXx6xxD 1500 W (200 µF)				1000 W (130 µF)	No
Low-voltage halogen lamps:						
– Inductive transformer	TXA60xB 1200 W, TXx6xxD 1600 W				1500 W	600 W / 500 W / 500 W
– Electronic transformer	TXA60xB 1000 W, TXx6xxD 1200 W				1500 W	600 W / 500 W / 500 W
230 V halogen lamp	TXA60xB 1200 W, TXx6xxD 2300 W					600 W / 500 W / 500 W
230 V energy-saving lamps	TXA60xB 12 x 23 W, TXx6xxD 18 x 23 W				25 x 18 W	5 x 15 W / 5 x 13 W / 5 x 13 W
LED:						
– LED	216 W	144 W / 216 W			450 W	75 / 65 / 65
– Max. number of LED/ESL lamps	18	12 / 18			25	5 / 5 / 5
Connection mode	quickconnect 				PZ1 box terminal	
Connection cross-section, rigid/flexible	0.75 - 2.5 mm ² (TYMxx 0.5 - 6 mm ² or 0.5 - 4 mm ²)					

Technical properties

Order no.	TXA661AN	TXA661BN	TXA663AN	TXA664AN
KNX system voltage	30 V DC			
Number of outputs	1	1	3	4
Supply voltage	230 V AC (+10 % / -15 %), 50 Hz / 60 Hz			
Current consumption KNX	2.3 mA			
Max. power dissipation	4 W	7 W	8.9 W	
Dimensions	4 SU		6 SU	8 SU
Degree of protection	IP30			
Standards	EN50491-3; EN60669-2-1, EN50428			
Connection quickconnect	 0.75 mm ² to 2.5 mm ² . Flexible conductors without conductor sleeve			
Labelling	Large label window, Semiolog labelling software can be used			
quickconnect wiring	System with through-wiring, input top or bottom			
Bus line connection	TG008 plug-in terminals, 2-pole			
Operating temperature	-5 °C to +45 °C			
Storage temperature	-20 °C to +70 °C			


Load/switching capacity

Order no.	TXA661A	TXA661B	TXA663A			TXA664A
Number of outputs	1	1	1	2	3	4 *
Incandescent lamps 230 V ~	300 W	600 W	1 x 900 W	1 x 600 W 1 x 300 W	1 x 300 W 1 x 300 W 1 x 300 W	1 x 300 W 1 x 300 W 1 x 300 W 1 x 300 W
Halogen lamps 230 V ~	300 W	600 W	1 x 900 W	1 x 600 W 1 x 300 W	1 x 300 W 1 x 300 W 1 x 300 W	1 x 300 W 1 x 300 W 1 x 300 W 1 x 300 W
Conventional transformer 12 V ~ 24 V ~	300 W	600 W	1 x 900 W	1 x 600 W 1 x 300 W	1 x 300 W 1 x 300 W 1 x 300 W	1 x 300 W 1 x 300 W 1 x 300 W 1 x 300 W
Electronic 12 V ~ transformer 24 V ~	300 W	600 W	1 x 900 W	1 x 600 W 1 x 300 W	1 x 300 W 1 x 300 W 1 x 300 W	1 x 300 W 1 x 300 W 1 x 300 W 1 x 300 W
Energy-saving lamps 230 V ~	60 W	120 W	1 x 210 W	1 x 120 W 1 x 60 W	1 x 60 W 1 x 60 W 1 x 60 W	1 x 60 W 1 x 60 W 1 x 60 W 1 x 60 W
LED lamps 230 V ~	60 W	120 W	1 x 210 W	1 x 120 W 1 x 60 W	1 x 60 W 1 x 60 W 1 x 60 W	1 x 60 W 1 x 60 W 1 x 60 W 1 x 60 W

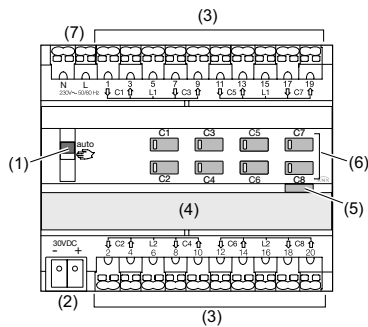
* * Increase of maximum load possible by parallel switching of the outputs


Note the power dissipation of the transformers in order to calculate the maximum number of lamps.
Non-dimmable energy-saving lamps and non-dimmable LED lamps are not compatible with this device.

Technical properties

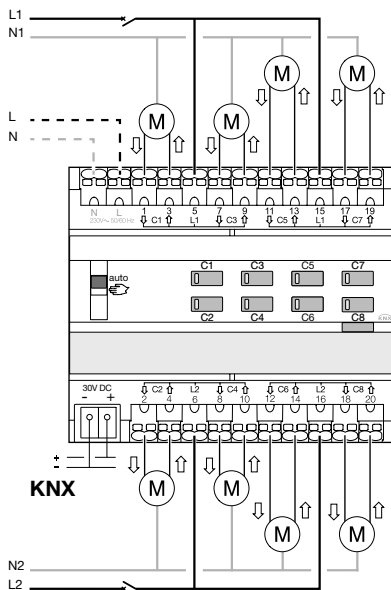
Order no.	8031 41 19	TXA628C	8031 41 11	8031 90 10
KNX system voltage	30 V DC			
Optional mains power supply		230 V AC		230 V AC
Number of outputs	4	8	4	12
Output type	230 V AC	230 V AC	24 V DC	230 V AC
Blind output				
Max. power dissipation	2 W			3 W
Max. switching current	6 A AC1		6 A DC	4 A AC1
Current consumption KNX	5 mA	6 mA	5 mA	7 mA
Dimensions	4 SU	6 SU	4 SU	10 SU
Degree of protection	IP30			
Standards	EN50491-3; EN60669-2-1			
Connection quickconnect	 0.75 mm ² to 2.5 mm ² . Flexible conductors without conductor sleeve			Cross-head, PZ1 0.5 mm ² to 6 mm ² 0.5 mm ² to 4 mm ²
Max. tightening torque	-			
Labelling	Large label window, Semiolog labelling software can be used			
Wiring	quickconnect -Technology			Input and output next to each other
Bus line connection	TG008 plug-in terminals, 2-pole			
Operating temperature	-5 °C to +45 °C			
Storage temperature	-20 °C to +70 °C			

Design and layout of the device (8031 41 19/8031 41 11, TXA628C)

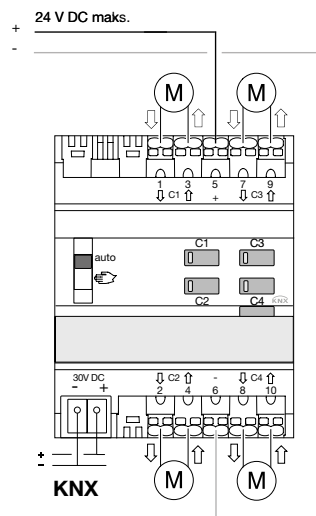


- (1) Slide switch **auto** 
- (2) KNX bus connection terminal
- (3) Connections for loads
- (4) Labelling field with cover
- (5) Illuminated programming button
- (6) Operation button for manual operation per output with status LED
- (7) Mains power supply connections (only 8gang)

Connection diagram (8031 41 19, TXA628C)



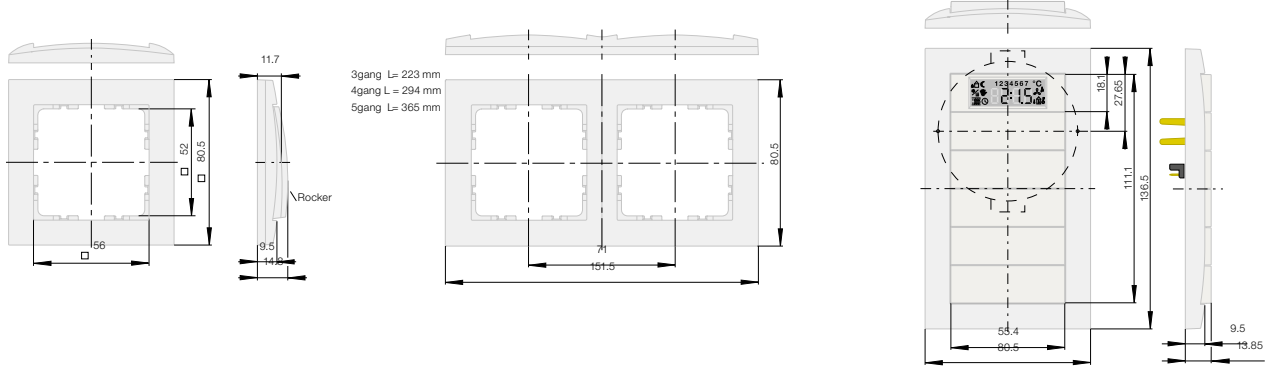
Connection diagram (8031 41 11)



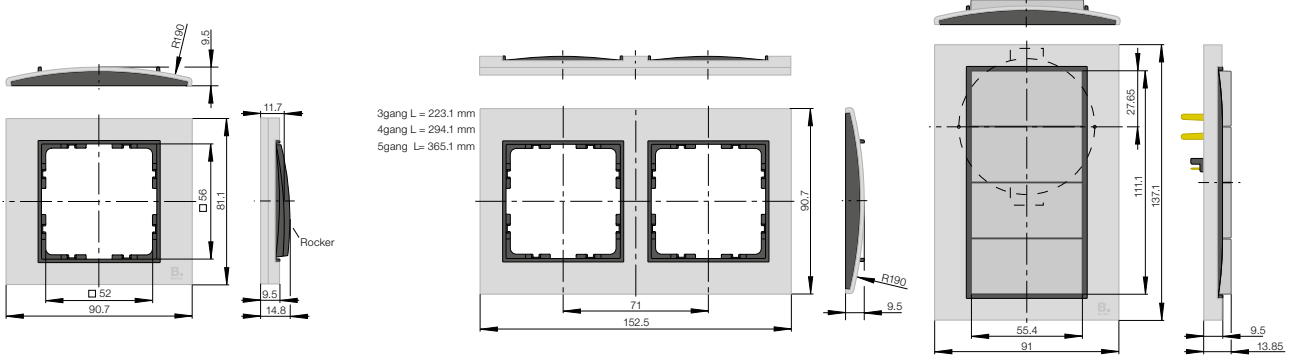
Equipment data																	Connections for special operating devices with their own circuit	Distribution circuit	Building communication						
★ and DIN 18015 Part 2	Socket outlets general	5	3	2 ^{a)}	1	3	4	5	3	4	5	1	1	1	1	3	1	1	Electric cooker, microwave, dishwasher, washing machine ^{f)} , tumble dryer, ironing station, water heater ^{g)} , heating appliance ^{h)}	Electric cooker, microwave, dishwasher, washing machine ^{f)} , tumble dryer, ironing station, water heater ^{g)} , heating appliance ^{h)}	Bell or gong, door opener and intercom system				
	Lighting connections	2	1	2	1	1	2	3	1	1	2	1	2 ^{g)}	1	1	1	1	1							
	Telephone/data connection						1	1	1	1		1													
	Socket outlets for telephone/data						1	1	1	1		1													
	Radio/TV/data connection	1					2	2	1																
	Socket outlets for radio/TV/data	3					6	3	3																
	Socket outlets for refrigerating appliance	2	1																						
	Socket outlet fume extractor	1																							
	Connection for ventilator ^{c)}				1	1																			
	Roller shutter drives	Connections according to the number of drives																							
	Automaton circuits for socket outlets and lighting	Living space of the home m ²																Electric cooker, microwave, dishwasher, washing machine ^{f)} , tumble dryer, ironing station, water heater ^{g)} , heating appliance ^{h)}				Electric cooker, microwave, dishwasher, washing machine ^{f)} , tumble dryer, ironing station, water heater ^{g)} , heating appliance ^{h)}	Bell or gong, door opener and intercom system		
		< 50																							
		50 ... 75																							
		75 ... 100																							
100 ... 125																									
> 125																									
★★★	Socket outlets general	10	4	4 ^{a)}	2	8	8	11	5	8	11	2	3	2	2	6	2	1	Electric cooker, oven, steam cooker, microwave, dishwasher, washing machine ^{f)} , tumble dryer, ironing station, water heater ^{g)} , sauna heating unit, whirlpool, heating appliance ^{h)}	Electric cooker, oven, steam cooker, microwave, dishwasher, washing machine ^{f)} , tumble dryer, ironing station, water heater ^{g)} , sauna heating unit, whirlpool, heating appliance ^{h)}	Bell or gong, door opener and intercom system with several home call stations				
	Lighting connections	3	2	3	1	2	2	3	1	2	3	2	2 ^{g)}	2	1	2	1	1							
	Telephone/data connection	1			1	1	2	1	1	1	2	1	1	1	1	1									
	Socket outlets for telephone/data	2			2	2	4	2	2	4	2	2	2	2	2	2									
	Radio/TV/data connection	1			1	2	3	1	1			1		1	1	1									
	Socket outlets for radio/TV/data	3			3	6	9	3	3					3	3										
	Socket outlets for refrigerating appliance	2	1																						
	Socket outlet fume extractor	1																							
	Connection for ventilator ^{c)}			1	1																				
	Roller shutter drives	Connections according to the number of drives																							
	Automation circuits	1	1	1	1	1	2	1	1	2				1		1	1								
	★★★★	Socket outlets general	12	4	5 ^{a)}	2	10	10	13	7	10	13	3	4	3	2	8	2				1	Electric cooker, oven, steam cooker, microwave, dishwasher, washing machine ^{f)} , tumble dryer, ironing station, water heater ^{g)} , sauna heating unit, whirlpool, heating appliance ^{h)}	Electric cooker, oven, steam cooker, microwave, dishwasher, washing machine ^{f)} , tumble dryer, ironing station, water heater ^{g)} , sauna heating unit, whirlpool, heating appliance ^{h)}	In multi-room homes at least four-row distribution circuits and in single-room homes three-row distribution circuits.
		Lighting connections	3	2	3	2	3	3	4	2	3	4	2	2 ^{g)}	2	1	2	1				1			
		Telephone/data connection	1	1		1	1	2	1	1	2	2	1	1	1	1	1								
Socket outlets for telephone/data		2	2		2	2	4	2	2	4	2	2	2	2	2	2									
Radio/TV/data connection		1	1		1	2	3	1	2					1	1	1									
Socket outlets for radio/TV/data		3	3		3	6	9	3	6					3	3										
Socket outlets for refrigerating appliance		2	1																						
Socket outlet fume extractor		1																							
Connection for ventilator ^{c)}				1	1																				
Roller shutter drives		Connections according to the number of drives																							
Automation circuits		1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1								

a) In rooms with dining areas, the number of connections and socket outlets should each be increased by 1.
 b) The socket outlets allocated to the bed areas and kitchen work areas, kitchenettes and house workrooms must be provided with double socket outlets at least. They only count as one socket outlet each in the table, though.
 c) As long as an individual ventilation system is provided for. In the case of windowless bathrooms or toilets, the switching must be provided with follow up via the general lighting.
 d) Unless the heating system/hot water supply takes place in another way.
 e) A socket outlet in combination with the washstand lighting is permissible.
 f) Only required once in each home.
 g) Switchable from two places at least.

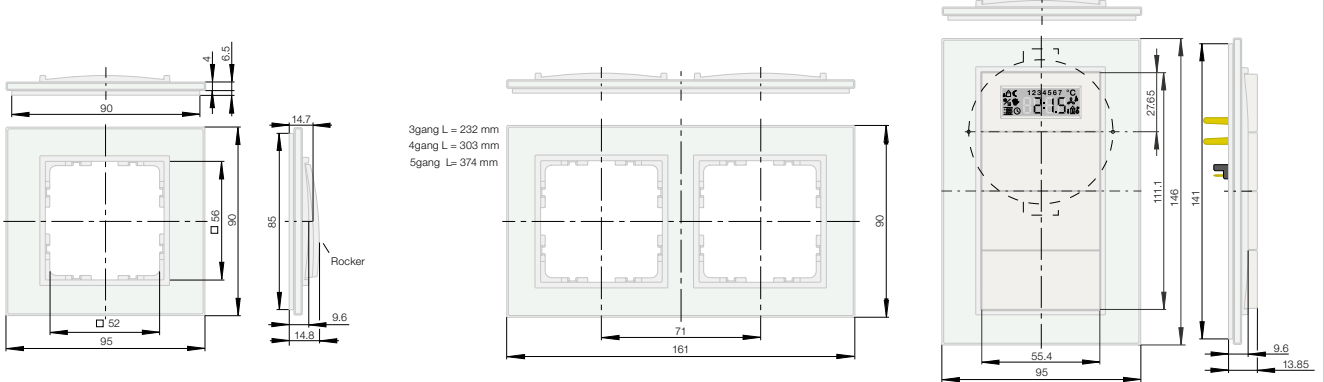
Berker S.1



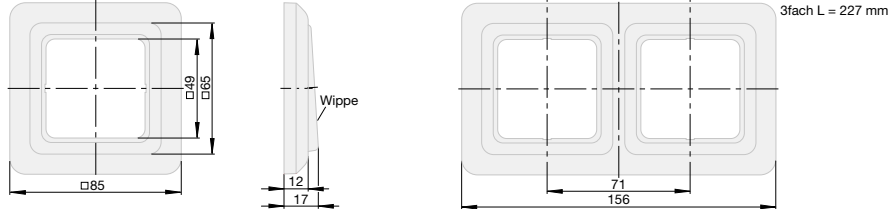
Berker B.3



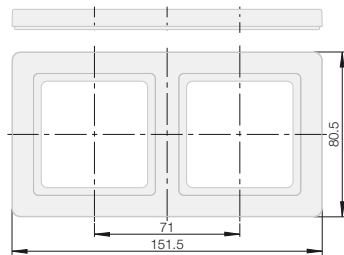
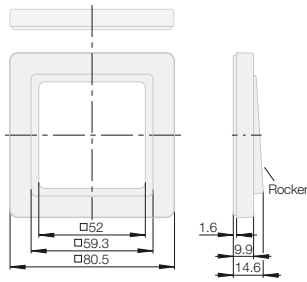
Berker B.7



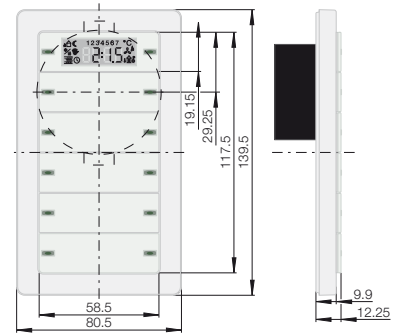
wg UP IP44



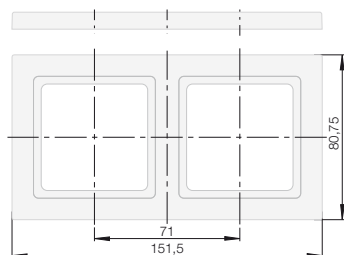
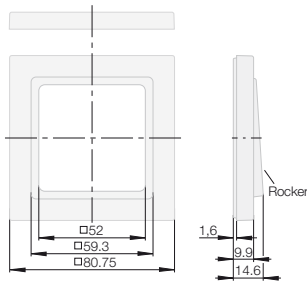
Berker Q.1



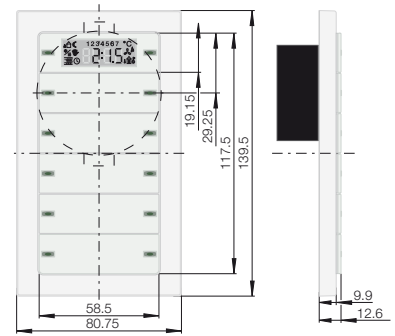
3gang L = 222.5 mm
4gang L = 293.5 mm
5gang L = 364.5 mm



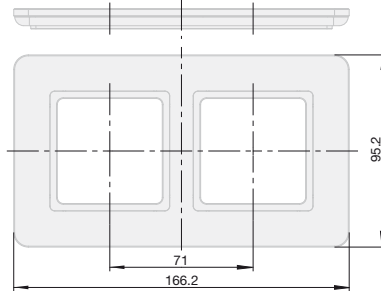
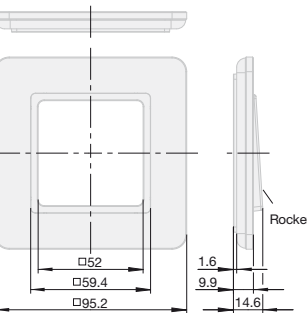
Berker Q.3



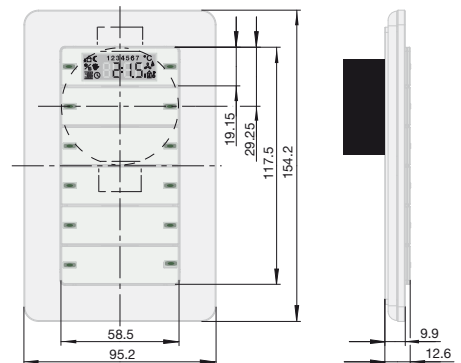
3gang L = 222.5 mm
4gang L = 293.5 mm
5gang L = 364.5 mm



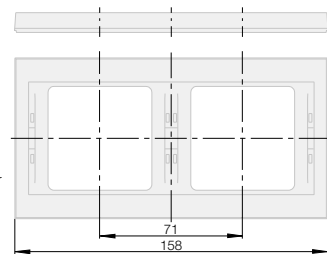
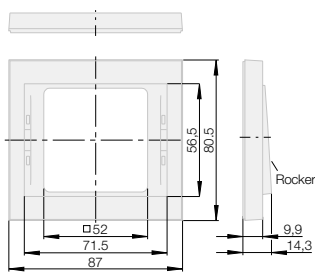
Berker Q.7



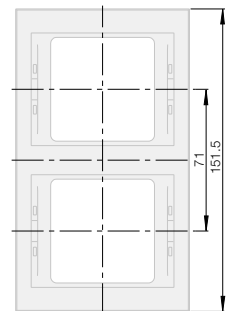
3gang L = 237.2 mm
4gang L = 308.2 mm
5gang L = 379.2 mm



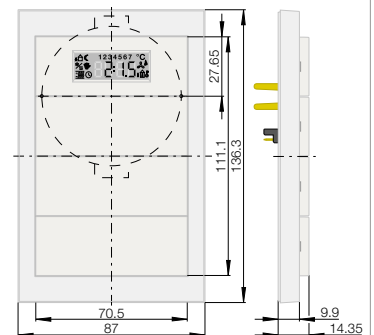
Berker K.1 | K.5



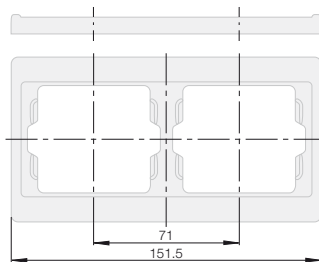
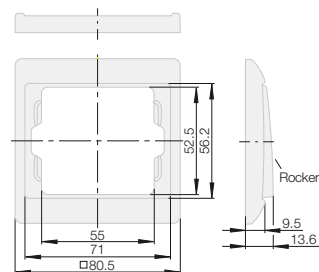
3gang horizontal L = 229 mm
4gang horizontal L = 300 mm
5gang horizontal L = 371 mm



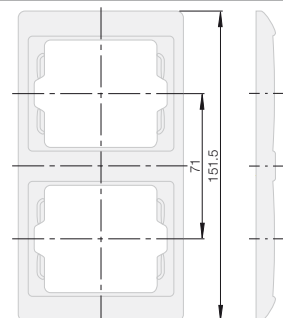
3gang vertical L = 222.5 mm
4gang vertical L = 293.5 mm
5gang vertical L = 364.5 mm



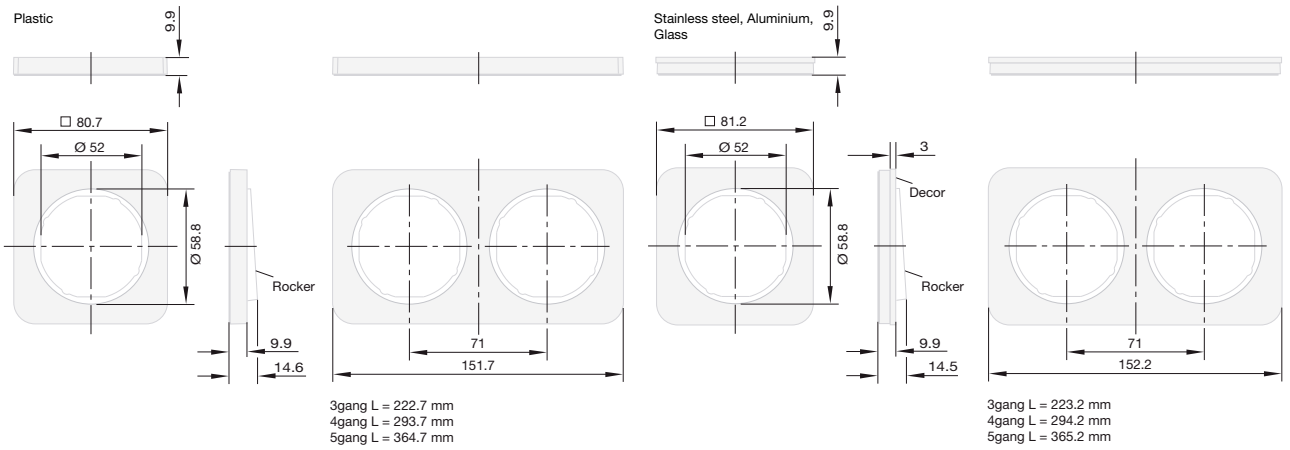
Berker arsys



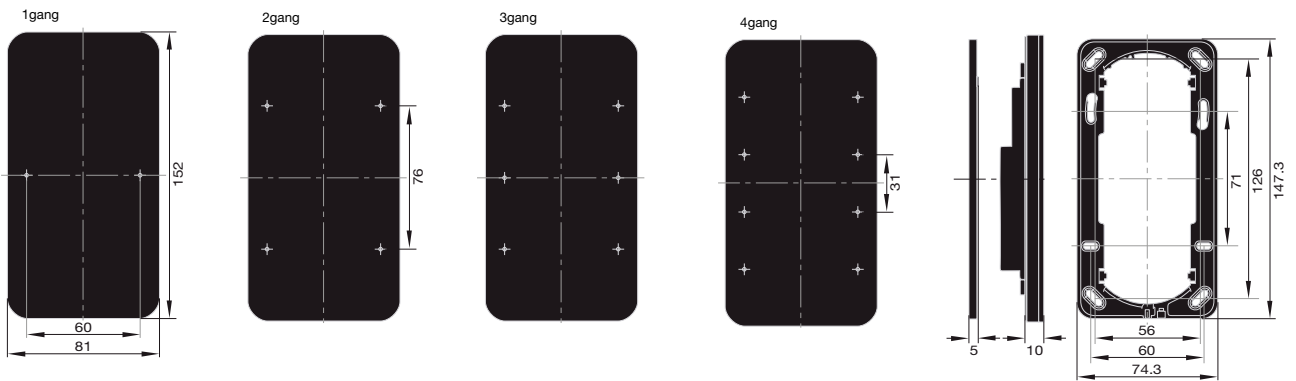
3gang L = 222.5 mm
4gang L = 293.5 mm
5gang L = 364.5 mm



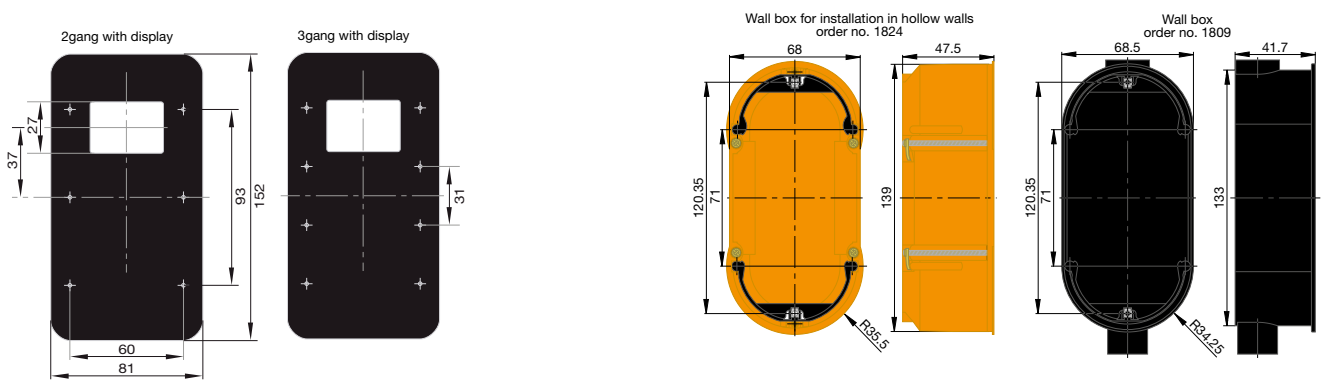
Berker R.1



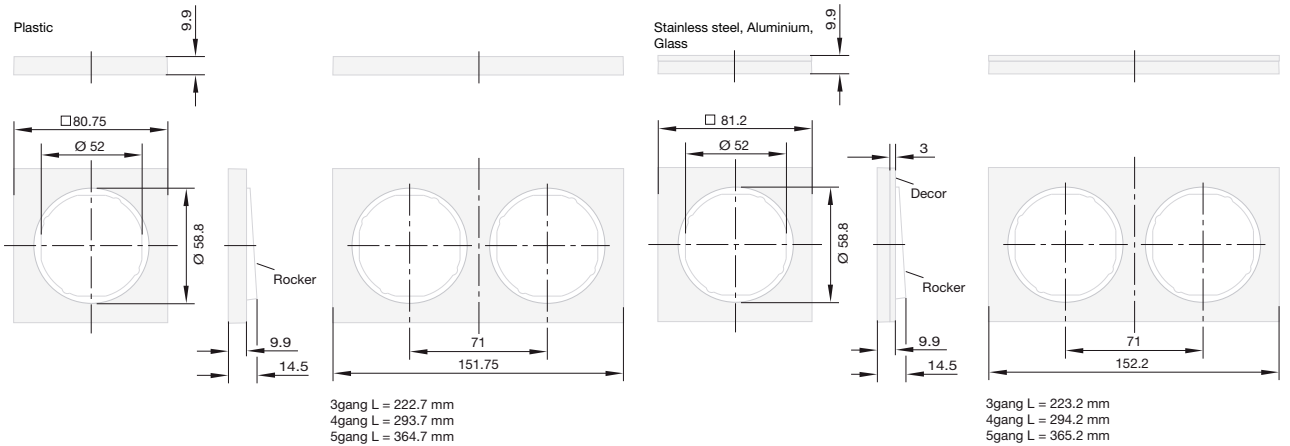
Berker R.1 - Touch sensor



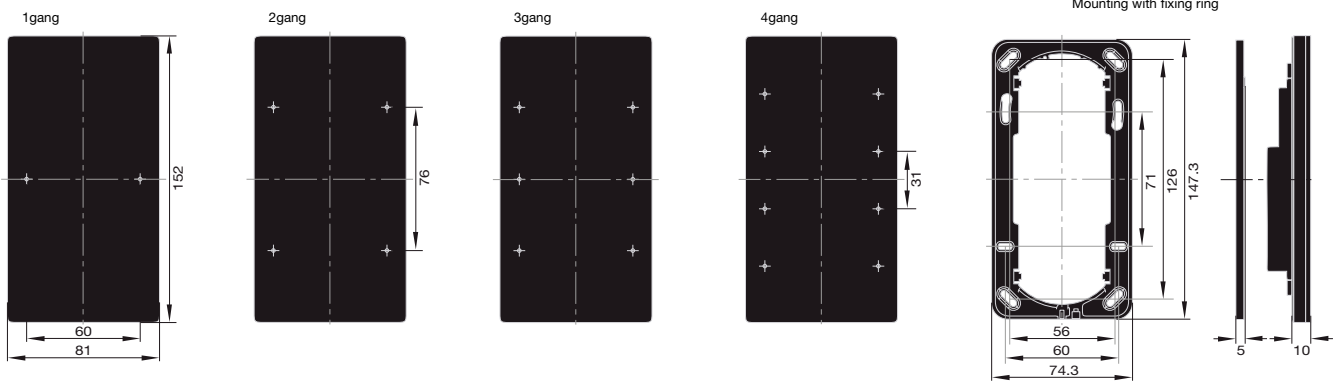
Berker R.1 - Touch sensor with thermostat



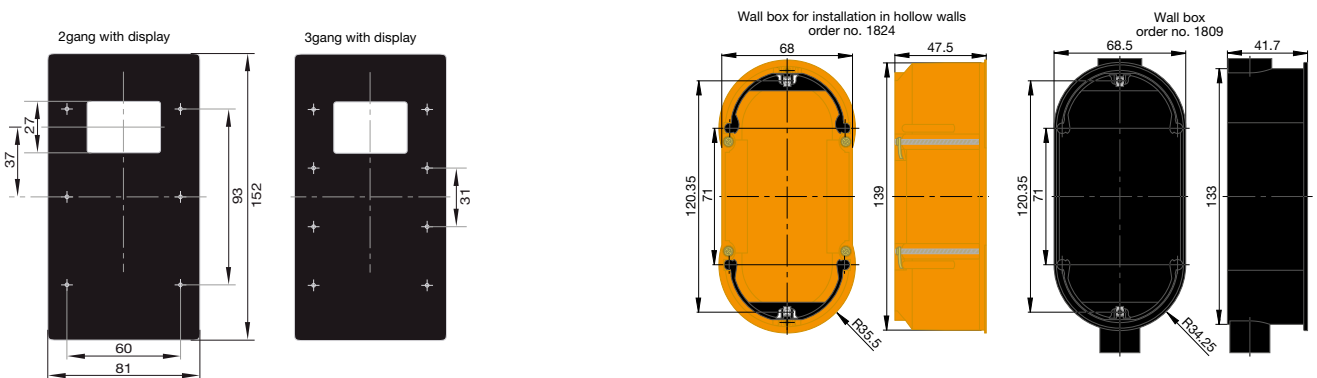
Berker R.3



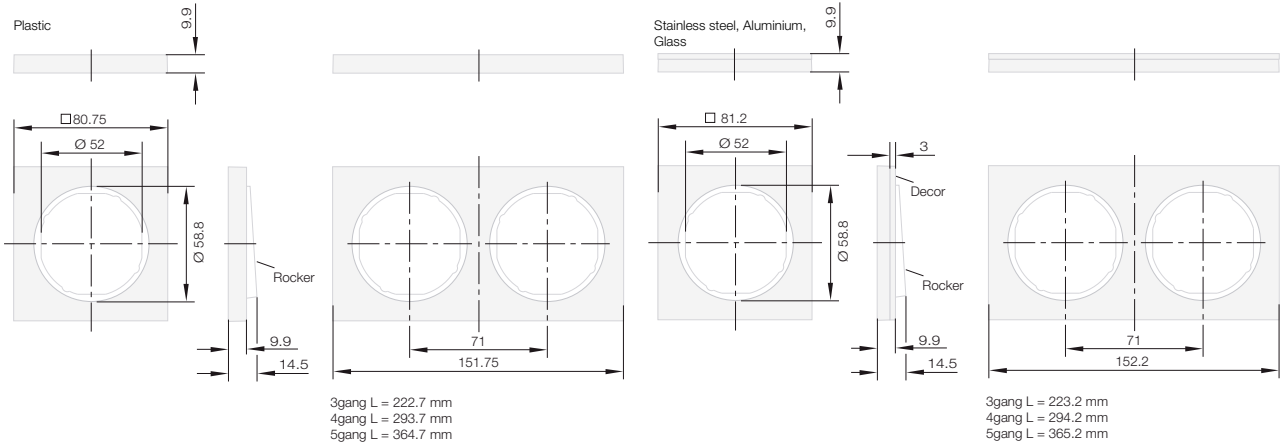
Berker R.3 - Touch sensor



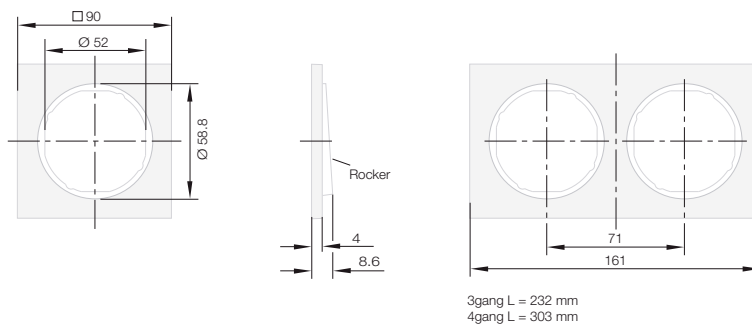
Berker R.3 - Touch sensor with thermostat



Berker R.3

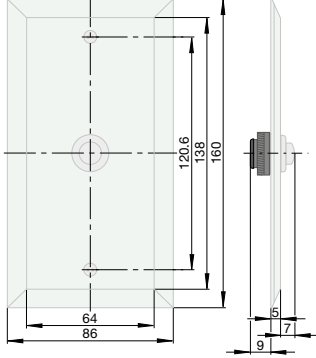


Berker R.8

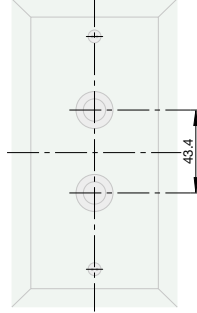


Berker TS

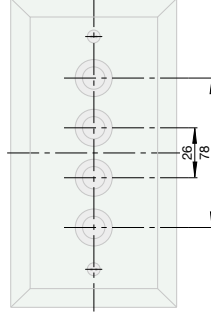
Glass cover plate 1gang



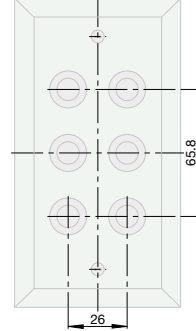
Glass cover plate 2gang



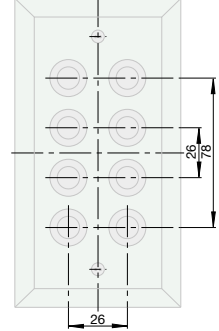
Glass cover plate 4gang



Glass cover plate 6gang

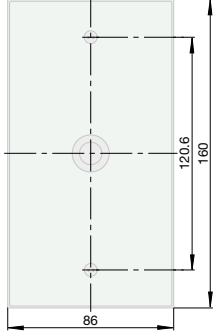


Glass cover plate 8gang

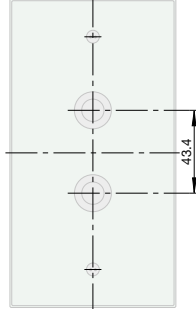


Wall boxes

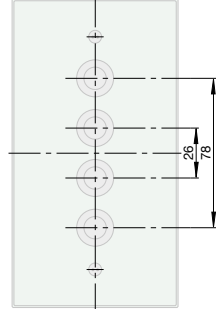
Glass cover plate 1gang



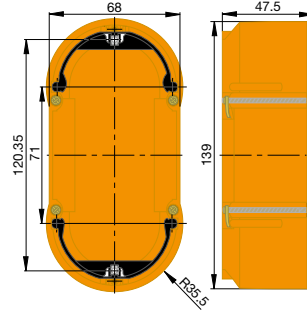
Glass cover plate 2gang



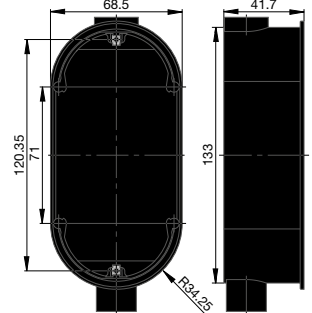
Glass cover plate 4gang



Wall box for installation in hollow walls
order no. 1824

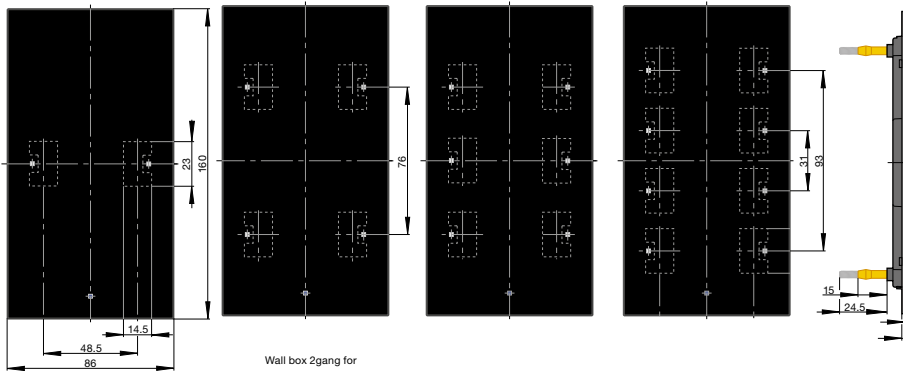


Wall box
order no. 1809

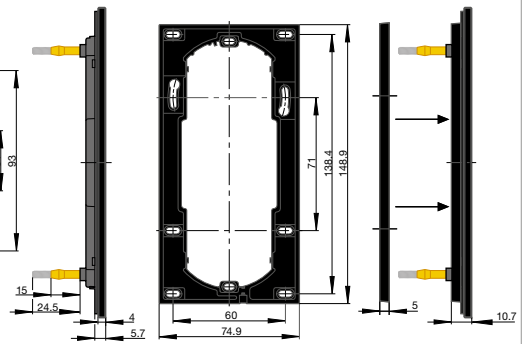


Berker TS sensor

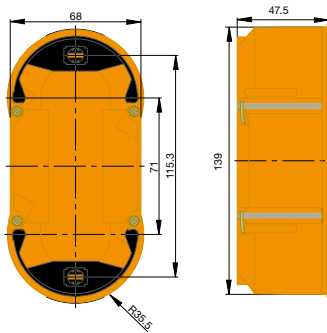
Glass sensor und glass sensor comfort with integrated bus coupling unit (without figure)



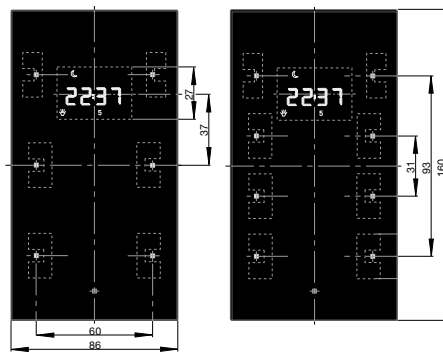
Glass sensor: Mounting with adapter ring



Wall box 2gang for Glass sensors comfort and glass sensors with thermostat, order no. 1871



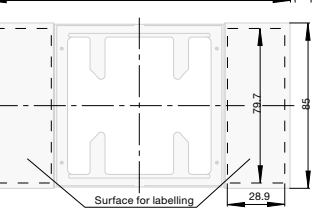
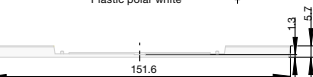
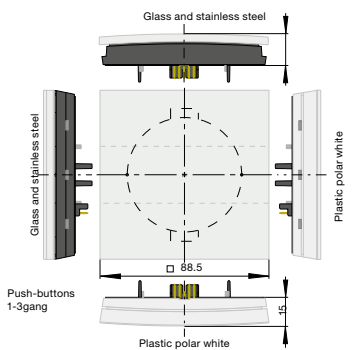
Glass sensor with thermostat



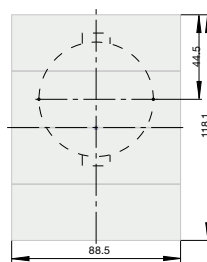
Mounting with adapter ring



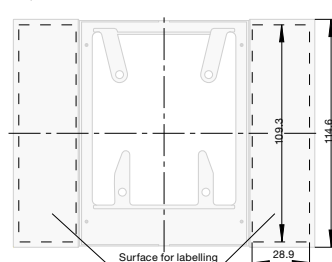
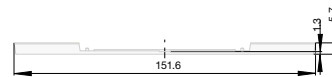
B.IQ



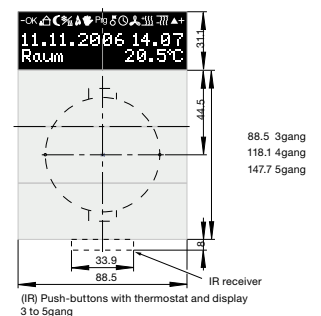
Labelling field for B.IQ push-buttons 1gang, 2gang, 3gang



Push-button 4gang and push-button for light scenes

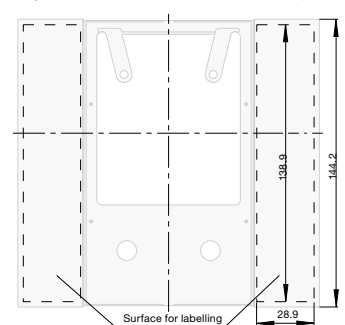
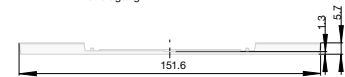


Labelling field for B.IQ push-buttons, 4gang



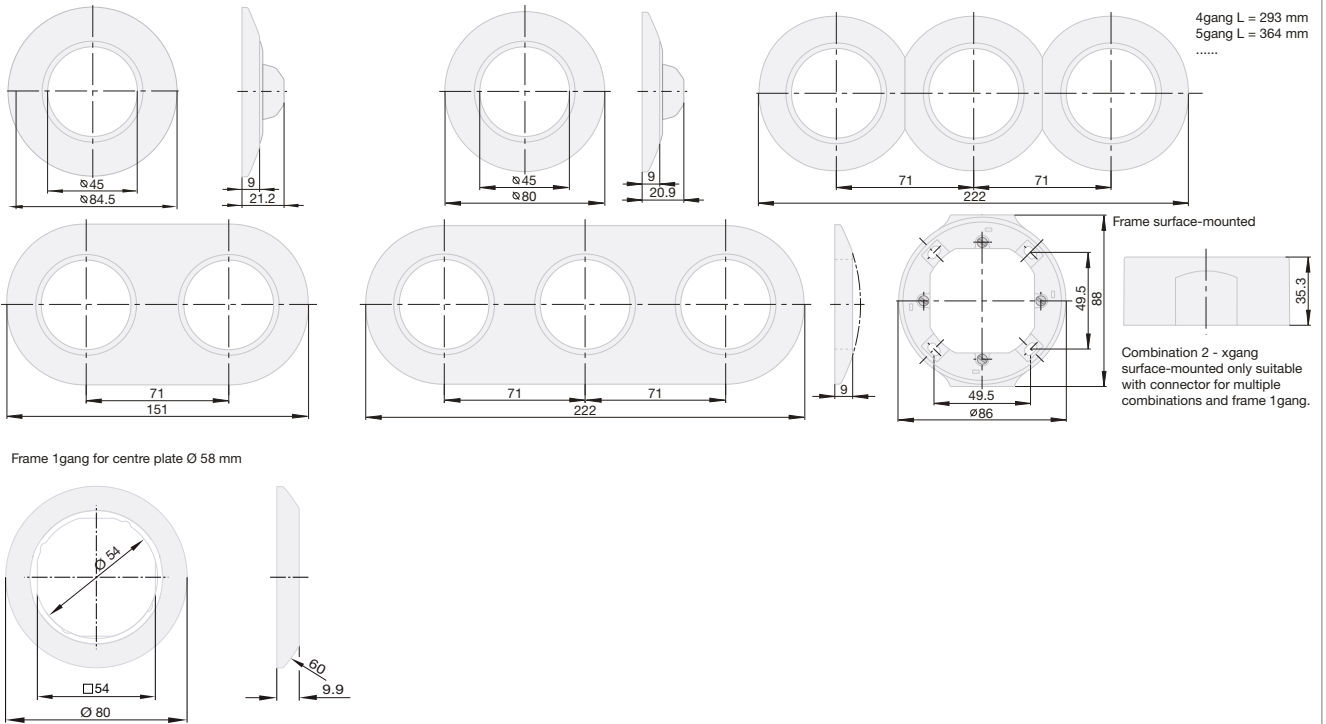
88.5 3gang
118.1 4gang
147.7 5gang

(IR) Push-buttons with thermostat and display 3 to 5gang

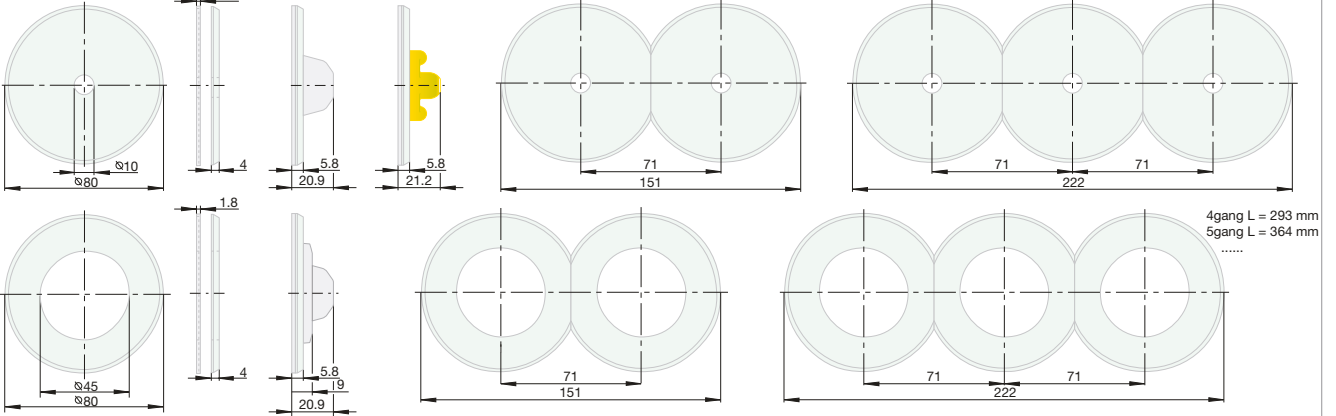


Labelling field for B.IQ push-buttons, 5gang

serie 1930 porzellan made by Rosenthal | serie 1930

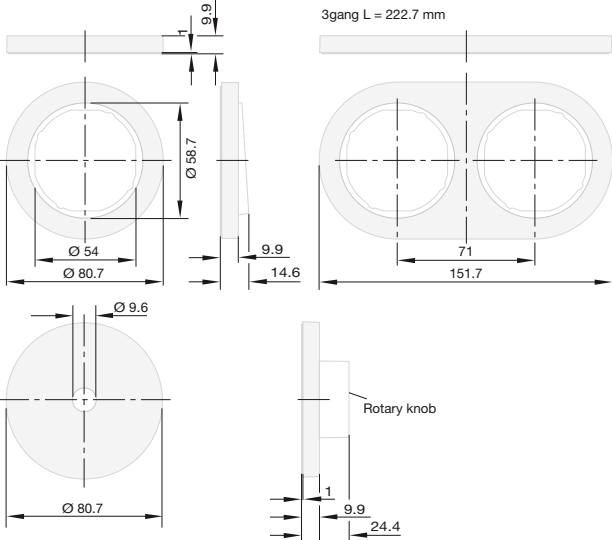


serie glas

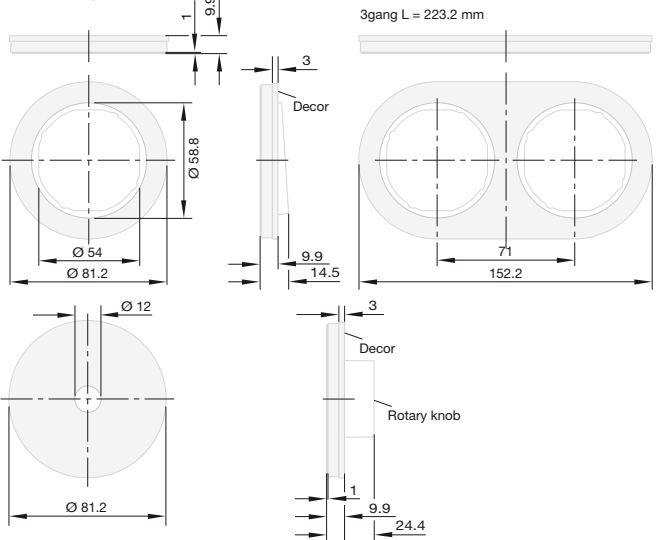


serie R.classic

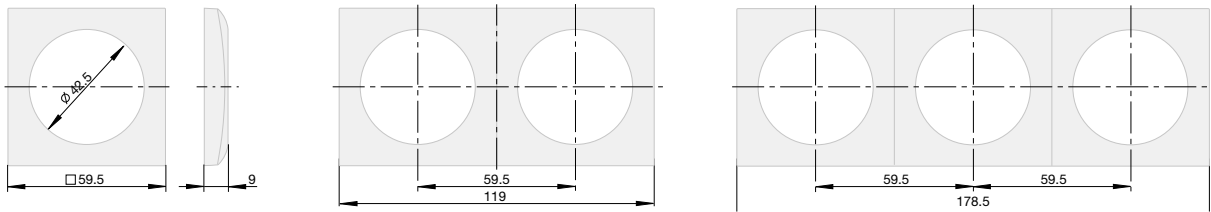
Plastic



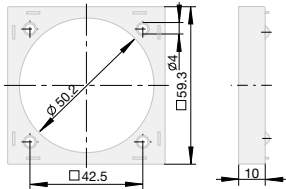
Metal and glass



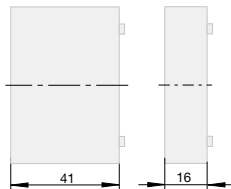
integro - design Flow



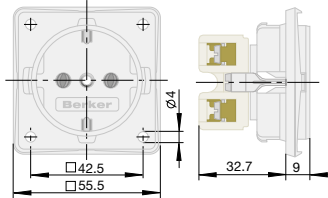
Surface-mounted spacer ring



Surface-mounted housing

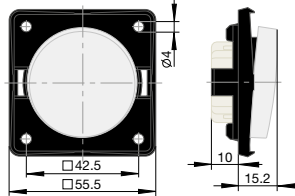


Socket outlets

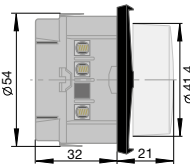


Caution!
Flat-head screws, size M3 or M3.5 must be used to fasten the inserts.

Rocker switch/rocker push-button



Rotary dimmer with setting knob

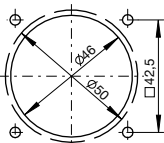


System	Installation depth
SCHUKO socket outlet	32.7 mm
Socket outlet with earthing pin	29.5 mm
Socket outlet without earth contact NETHERLANDS	29.6 mm
Socket outlet with earth contact DENEMARK	27.5 mm
Socket outlet with earth contact SWITZERLAND Type 13 / Type 23	28.0 mm
Socket outlet with earth contact USA/CANADA NEMA 5-15 R / 6-20 R	19.5 mm
Socket outlet with earth contact ITALIA	34.0 mm
Socket outlet with earth contact AUSTRALIA	16.5 mm
Socket outlet without earth contact EURO-AMERICAN STANDARD	21.3 mm
Socket outlet with earth contact BRITISH STANDARD	20.5 mm

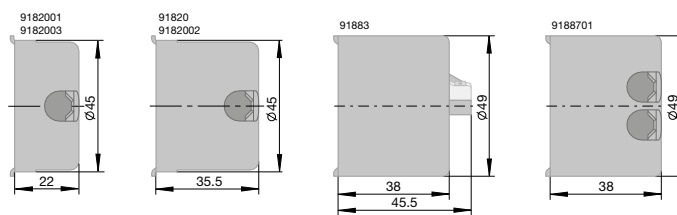
integro - design Flow

Installation cutout

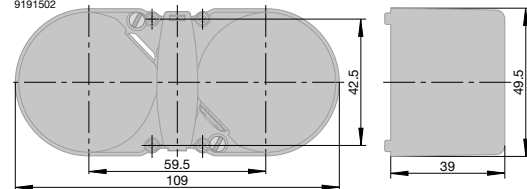
Ø 46 mm or Ø 50 mm depending on wall box



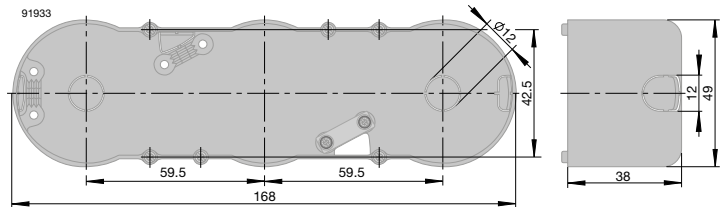
Contact protection wall boxes



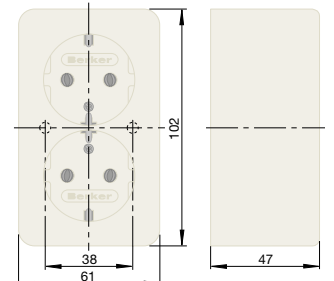
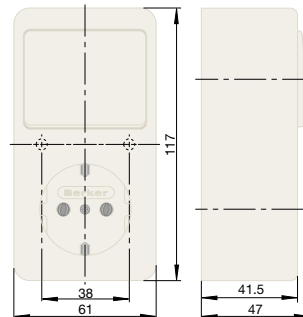
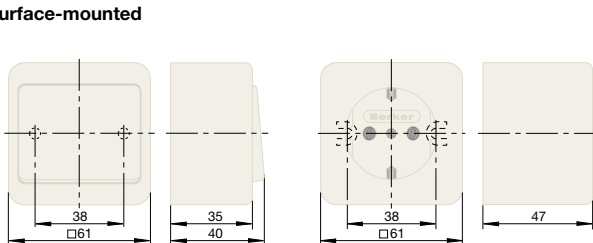
9191501
9191502



91933



surface-mounted



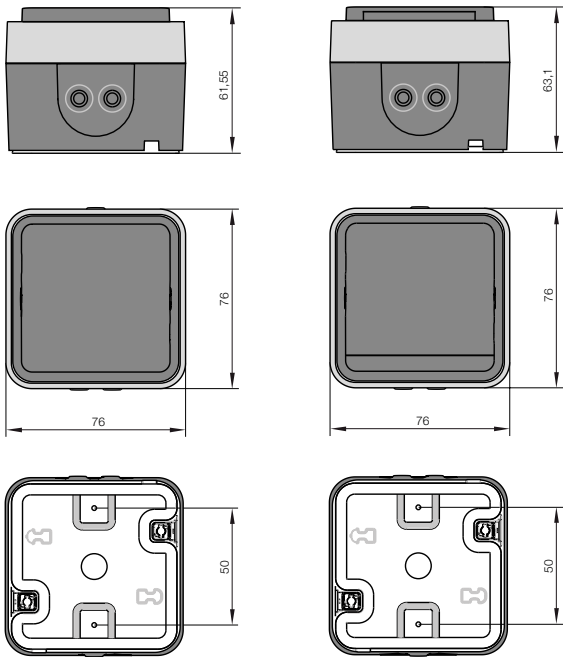


Figure 1: Switch/push-button (left) SCHUKO socket outlet with hinged cover (right)

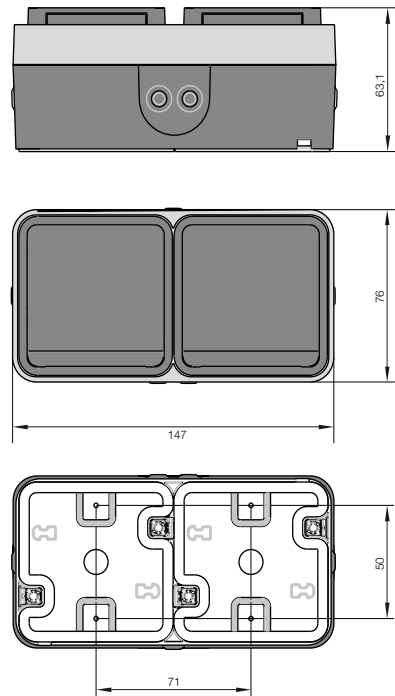


Figure 3: SCHUKO socket outlet 2gang with hinged cover

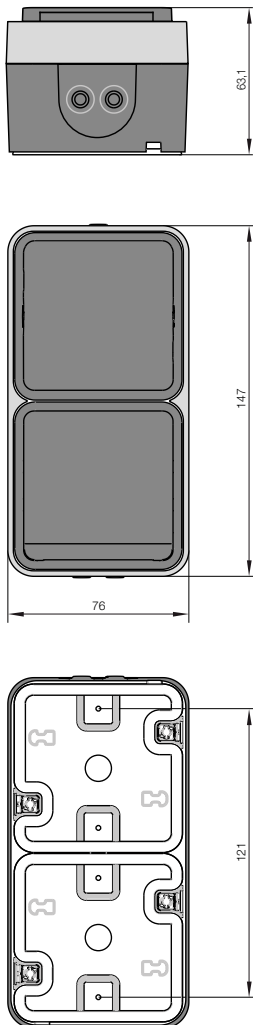


Figure 2: Combination change-over switch / SCHUKO socket outlet with hinged cover

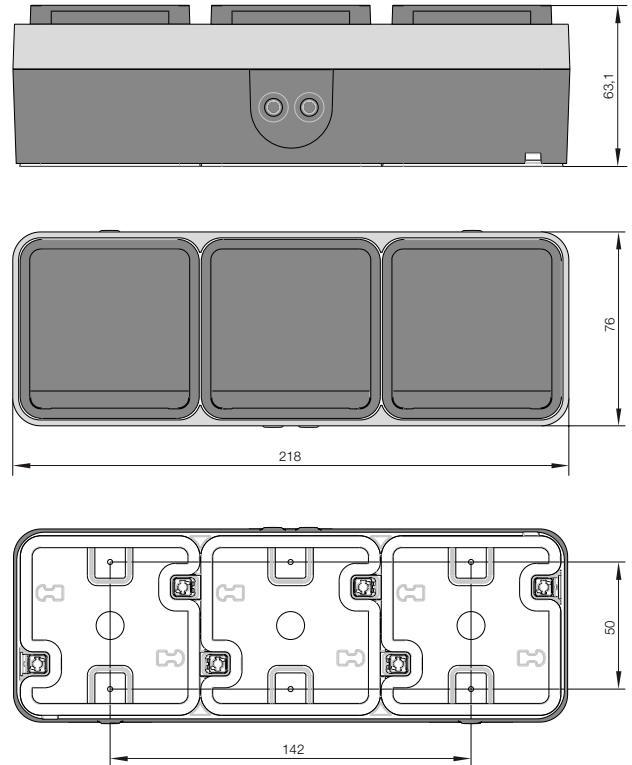


Figure 4: SCHUKO 3gang with hinged cover

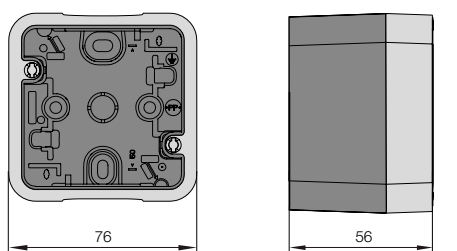


Figure 1: Housing surface-mounted

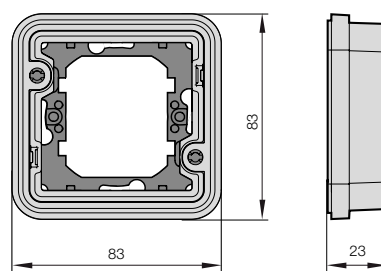


Figure 5: Frame 1gang for flush-mounted installation

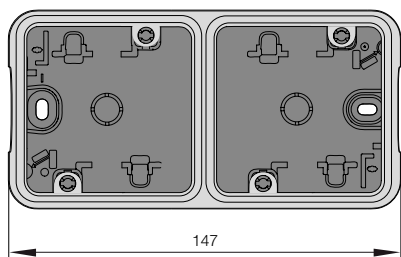


Figure 2: Housing 2gang surface-mounted

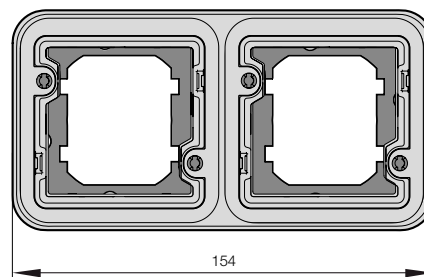


Figure 6: Frame 2gang for flush-mounted installation

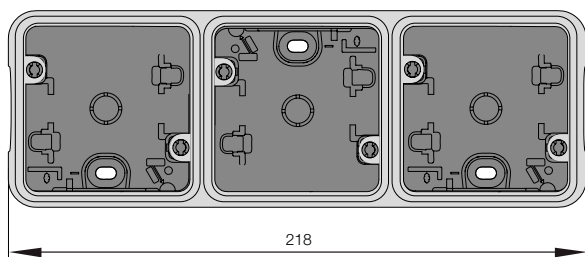


Figure 3: Housing 3gang surface-mounted

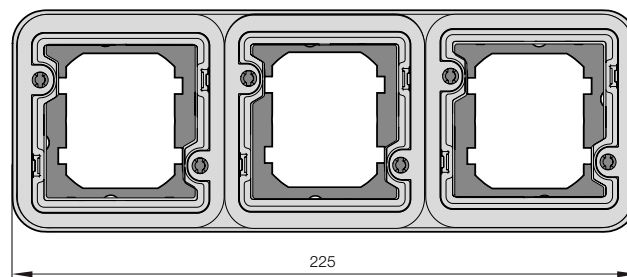
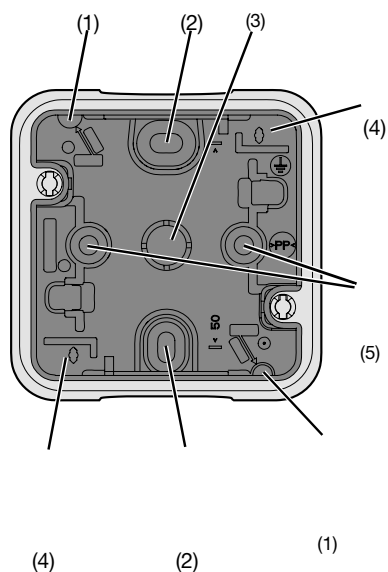


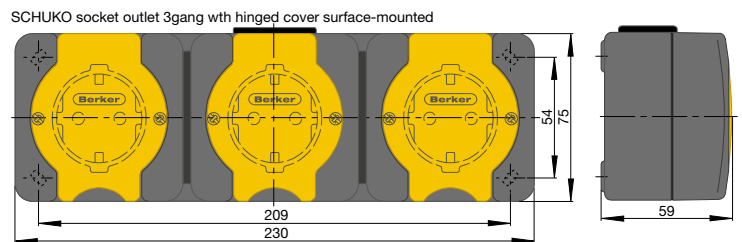
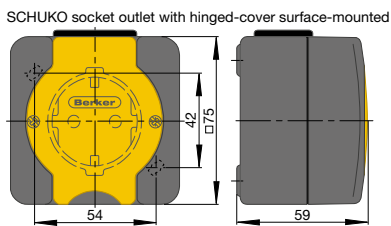
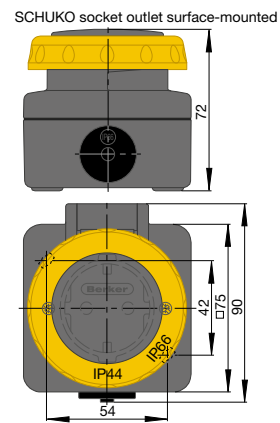
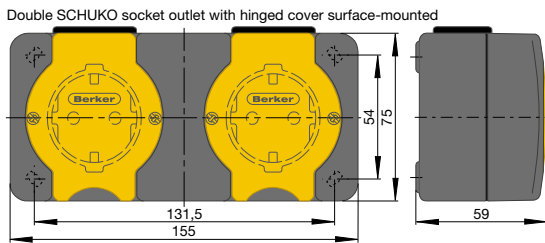
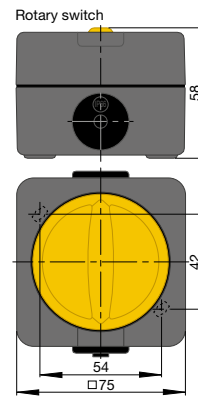
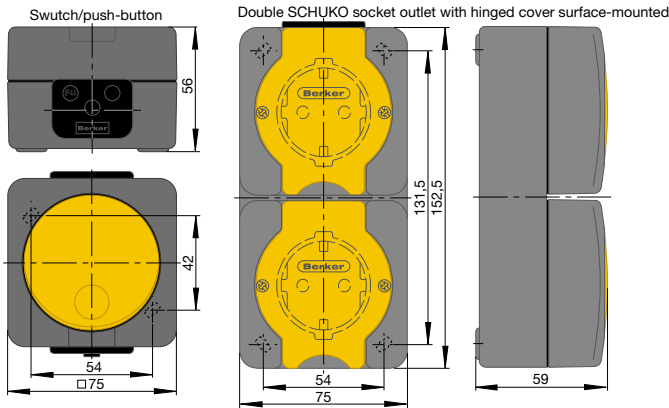
Figure 7: Frame 3gang for flush-mounted installation



- 1 Outlet holes for condensed water (can be pushed out at the bottom right if required)
- 2 Mounting holes - oval
- 3 Cable entry on the back
- 4 Clip-in places for Wago 2-wire connection terminals
- 5 Mounting holes - round

Figure 4: Installation of surface-mounted housings

Surface-mounted wet-room installation - Iso-Panzer



Test marks and administrative marks

VDE test mark, all articles of the Berker range for which it is possible to issue the test mark, bear this mark.

Netherlands

Austria

Norway

France

Denmark

Italy

Sweden

Canada

Belgium

USA

Poland

Finland

Switzerland

ENEC stands for European Norms Electrical Certification. The number following the mark indicates the certifying body. Example: 10 stands for VDE

Verification of increased voltage resistance capability for connecting devices to DIN 49400 and 49441, installation equipment made of shock-proof impact material for greater mechanical stress conditioning.

SV Safety power supply (diesel unit VDE 0107: 1994-10), recognisable by the green centre plate

ZSV Additional safety power supply (battery supported VDE 0170: 1994-10), recognisable by the orange centre plate.

Furniture construction/installation. Devices can be mounted on surfaces with unknown flammability properties.

Flame retardant according to VDE 0606 T1:1984-11, meets the requirements of the Association of Property Insurers for mounting on wood.

CE All items in this catalogue which are subject to CE regulations bear the CE mark on their packaging.

RAL Determination of colour gradations of Deutsches Institut für Gütesicherung und Kennzeichnung e.V.

EDV Electronic data processing, designated for special circuits, designated by red centre plate.

Trademarks/brands

Registered trademark of the SCHUKO-Warenzeichenverband e.V. (SCHUKO trademark association e.V.); identifies socket outlets according to DIN VDE 0620-1 and DIN 49440. The terminals are also suitable as connection terminals.

Registered trademark of Warenzeichen-Verbandes EDELSTAHL ROSTFREI (stainless steel trademark association).

Registered trademark of the KNX Association cvba, Brussels.

Registered trademark of PERILEX-Gemeinschaft e.V..

Protection classes/types

VDE radio suppression seal

Protective insulation protection class 2

IP (international protection) According to DIN 40050, IEC 60529, designates the degree of protection of a device against ingress of foreign bodies and moisture.

IP44 Protection against contact of live parts with wires or similar, larger than 1 mm diameter and splash water from all directions. (contact-protected from 1 mm, splash-protected)

IP55 Protection against harmful dust deposits and against water jets from a nozzle directed towards the housing from all directions (protected against dust and water jets.)

IP66 Protection against dust deposits and strong water jets from all directions. (dustproof, waterproof)

Protection class III

Explosion protection, zone 11

Suitable for IP44, degree of protection IP44 is only available with the appropriate sealing set.

Application designations/symbols

Incandescent lamp

Fluorescent lamp

LV halogen lamp

Retrofit LED

Energy saving lamp

HV halogen lamp

Electronic transformer

Conventional transformer

Hollow-wall box

Identifiers for the temperature range -25°C to 40°C.

AX X = - Fluorescent lamp rated current

see technology - dimmer selection table

Flush-mounted controller, installation height 1.1 m

Flush-mounted controller installation height 2.2 m

Flush-mounted controller, installation height 2.5 m

Relay with micro contact
Opening diameter

Semiconductor circuit element

Earthing

Material characteristics

Berker products do not contain any materials made of PVC or halogen, with the exception of the sealing membrane and the contact protection boxes of the installation system.

General notes
















The technical specifications given here are not binding. The operating manual supplied with the products must be observed in all cases.

Illustrations are not binding, especially with regard to colour, size, equipment, performance of products and switch and connection diagrams.





We reserve the right to make technical and formal changes to our products in the interest of technical progress.

Switching symbols in unresolved display





To simplify the planning by means of switching symbols, we have additionally developed our own switching symbols based on the standard or we have used symbols already existing on the market. Some of the new underlying details:
















-  Electronic device
-  Scanning arm NO contact
-  Scanning arm NC contact
-  Scanning arm change-over
-  Scanning arms directed to each other or in each other corresponds to common input terminal
-  Scanning arms directed away from each other corresponds to isolated input terminal
-  Hinged covers
-  KNX device
-  Radio bidirectional
-  Infrared IR
-  Passive infrared motion detector
-  Passive infrared presence detector
-  USB connector
-  Binary input
-  Sensors

Socket outlets without earthing contact

























-  Socket outlet without earthing contact
-  2gang- / double socket outlet without earthing contact
-  Socket outlet without earthing contact with enhanced contact protection
-  USB charging socket

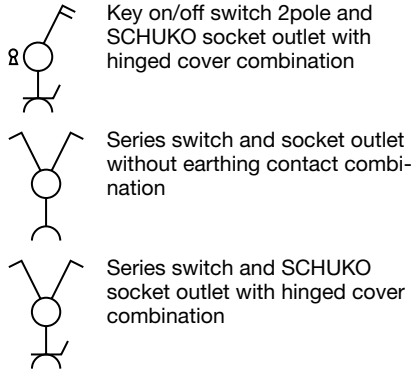
Socket outlets with earthing contact

-  SCHUKO plugs
-  SCHUKO socket outlet
-  2gang / double SCHUKO socket outlet
-  3gang SCHUKO socket outlet

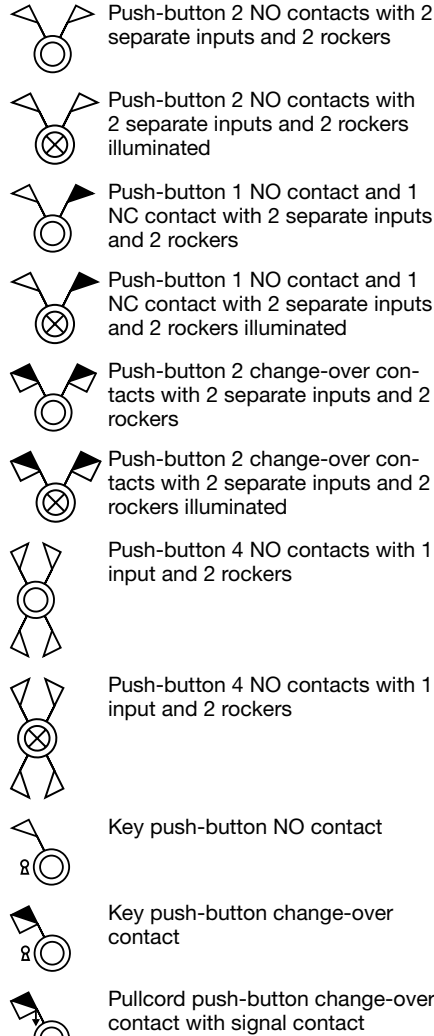
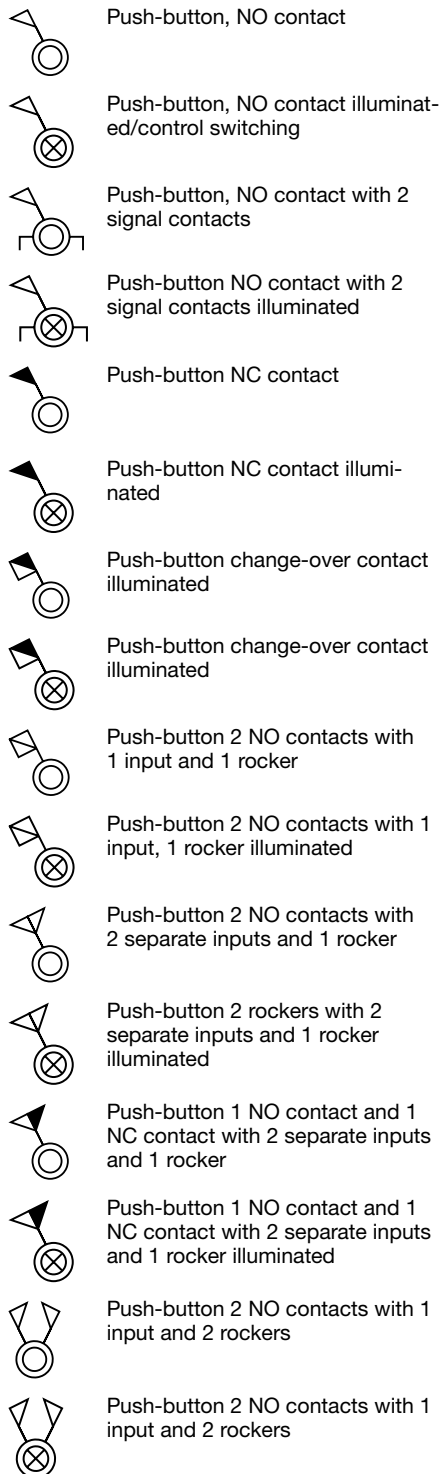
-  SCHUKO socket outlet with enhanced contact protection
-  2gang SCHUKO socket outlet with enhanced contact protection
-  3gang SCHUKO socket outlet with enhanced contact protection
-  SCHUKO socket outlet with hinged cover
-  2gang SCHUKO socket outlet with hinged cover
-  3gang SCHUKO socket outlet with hinged cover
-  SCHUKO socket outlet with hinged cover and enhanced contact protection
-  SCHUKO socket outlet with hinged cover and lock
-  2gang SCHUKO socket outlet with hinged cover and lock
-  Illuminated SCHUKO socket outlet
-  Illuminated SCHUKO socket outlet with enhanced contact protection
-  Illuminated SCHUKO socket outlet with hinged cover
-  SCHUKO socket outlet that can be switched off with enhanced contact protection
-  SCHUKO socket outlet with over-voltage protection
-  SCHUKO socket outlet with residual current circuit-breaker (RCCB) and enhanced contact protection
-  Three-phase plug 3P + N + PE
-  Three-phase socket outlet with hinged cover 3P + N + PE

Switches

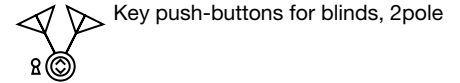
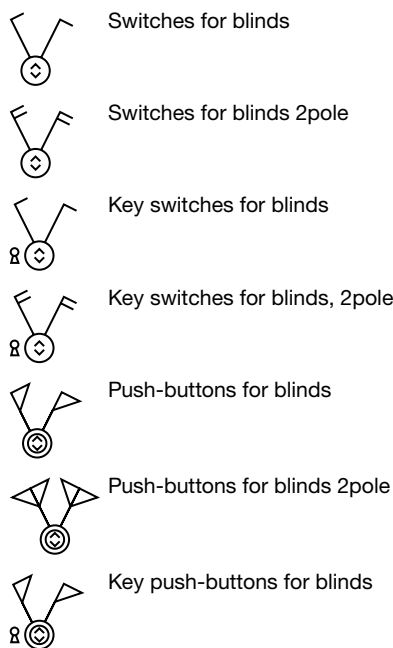
-  On/off switch
-  On/off switch, 2pole
-  On/off switch 2pole illuminated/control switching
-  On/off switch 3pole
-  On/off switch 3pole illuminated/control switching
-  Series switch
-  Series switch 1 x illuminated or 1 x control switching
-  Series switch 2 x control switching
-  3gang On/off switch
-  Change-over switch
-  Change-over switch illuminated/control switching
-  Intermediate switch
-  Intermediate switch illuminated
-  Double change-over switch
-  Double change-over switch illuminated
-  Pullcord switch change-over
-  Pullcord switch change-over illuminated/control switching
-  Mechanical timer 2pole Off
-  Key change-over switch
-  Key change-over switch, 2pole
-  Change-over switch and socket outlet without earthing contact combination
-  SCHUKO change-over switch and socket outlet combination
-  SCHUKO change-over switch and socket outlet with hinged cover combination
-  SCHUKO change-over switch and socket outlet with hinged cover combination illuminated/control switching



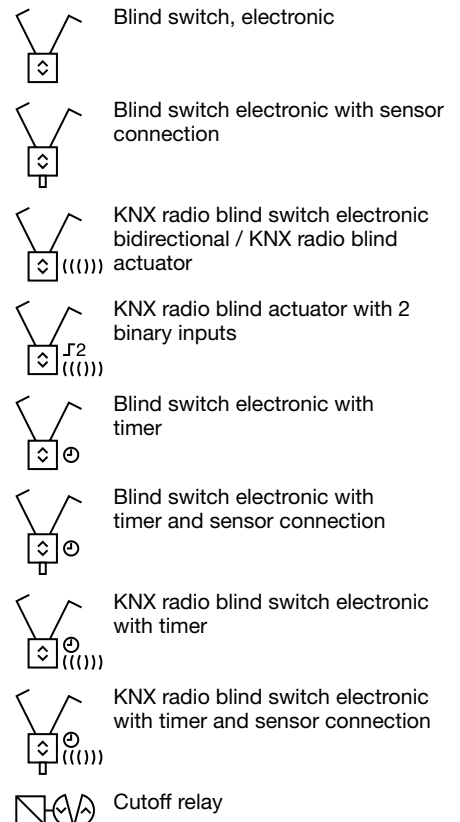
Push-button



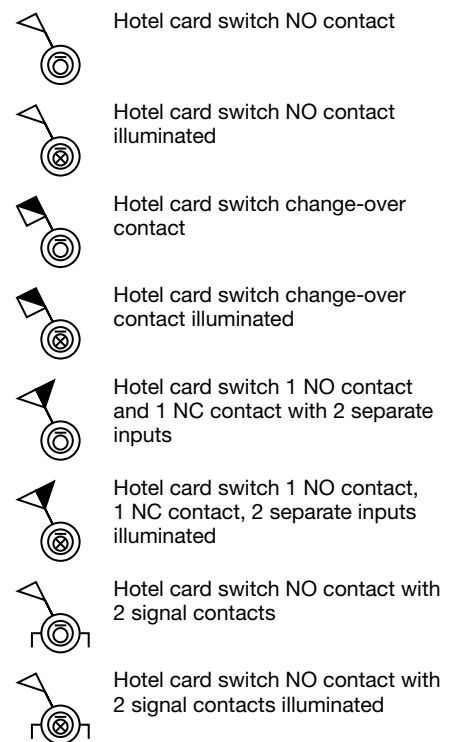
Switch / push-button for blinds

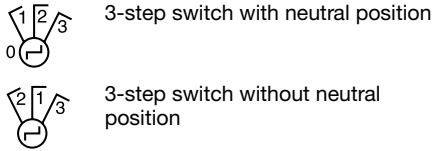


Switches for blinds electronic

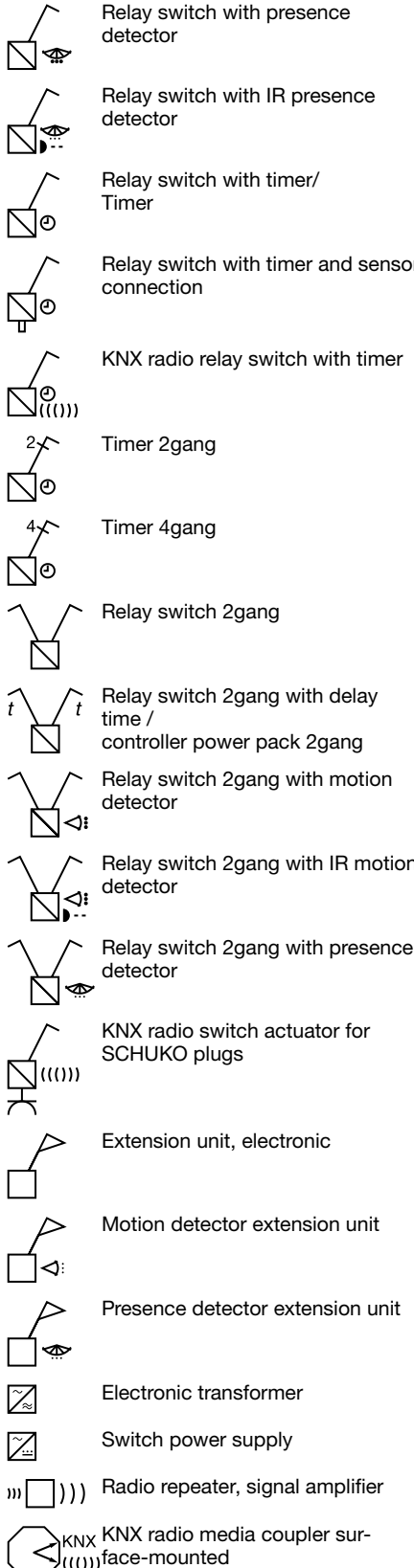
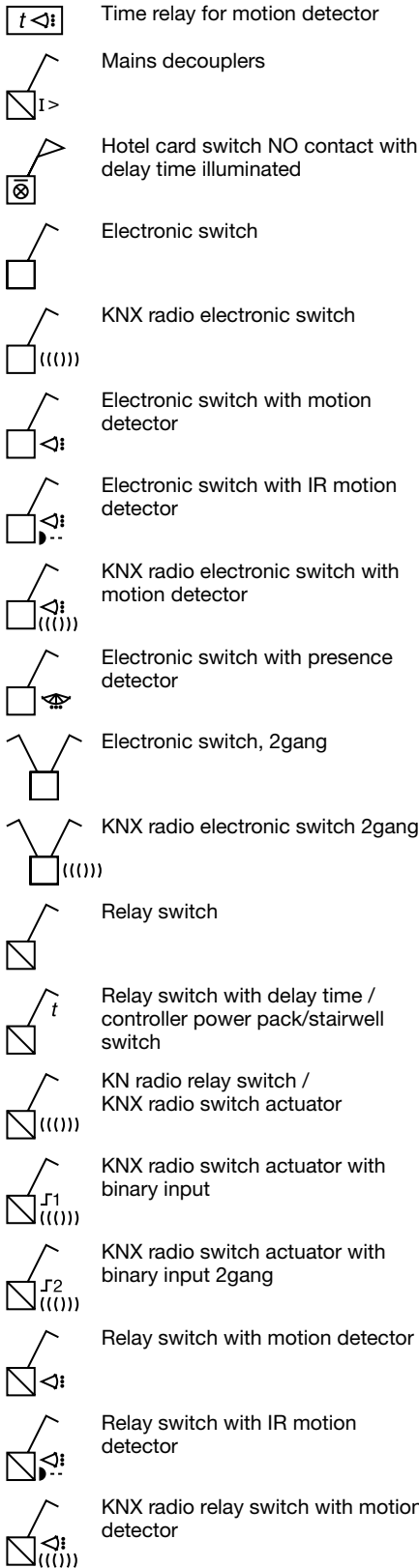


Special switch/push-button

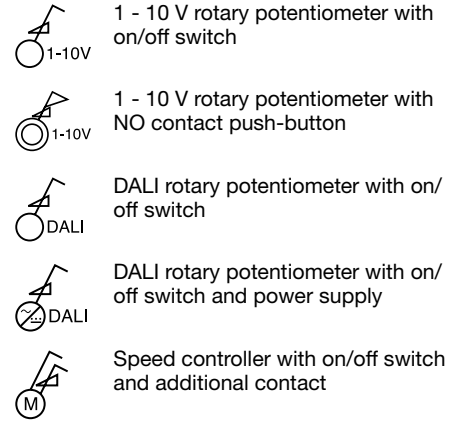
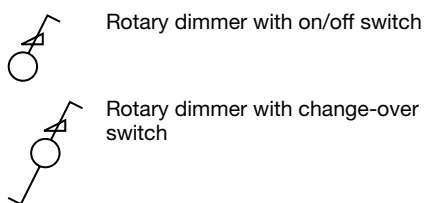




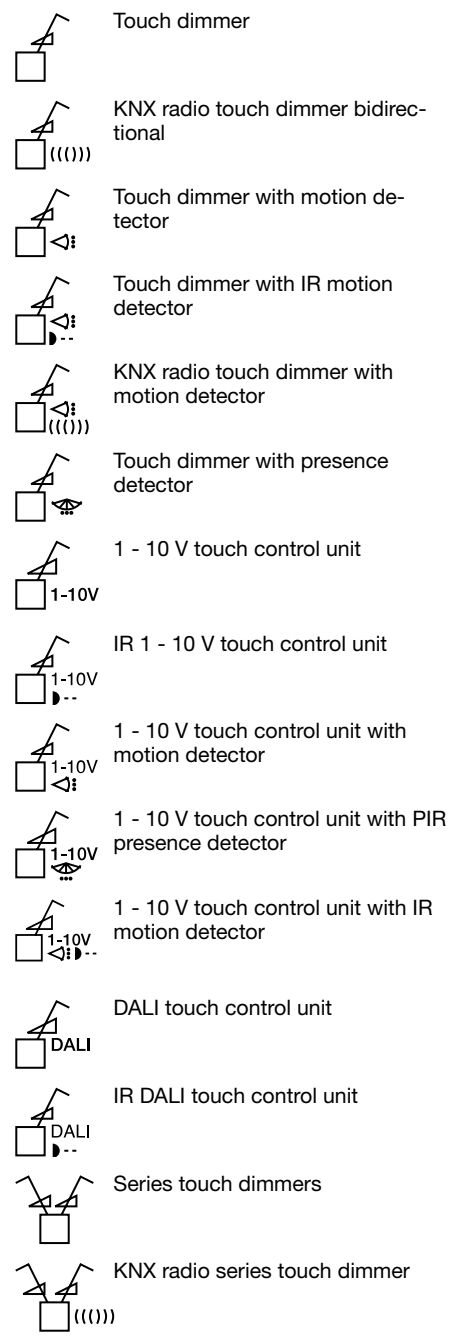
Electronic switches/components



Rotary dimmer rotary control units



Touch dimmer touch control units



KNX radio dim actuator dim 4gang

Dimmer power booster

General applications

- Blind plug
- Cable outlet
- Pilot lamp
- Pilot lamp 2gang

Wireless components

KNX radio hand-held transmitter 2-channel

KNX radio hand-held transmitter 4-channel

KNX radio hand-held transmitter 6-channel

KNX radio hand-held transmitter 18-channel

KNX radio wall-transmitter

KNX radio wall-transmitter, 2-gang

KNX radio motion detector

IR hand-held transmitter

KNX radio valve drive

coviva Smartbox

Data / Telecommunication

Loudspeaker socket outlet

Stereo loudspeaker socket outlet

TV aerial socket

TAE socket outlet

TDO socket outlet

FCC socket outlet

TAE/FCC socket outlet

HDMI socket outlet

VGA socket outlet

S-Video socket outlet

Cinch socket outlet

S-Video and Cinch socket outlet

USB and jack socket outlet

Security and safety systems

Key switches
Motion detectors general

Siren

Alarm siren with rotating light

Smoke detector

Radio smoke detector

Heat detector

Radio heat detector

Magnetic contact

KNX radio magnetic contact

alarm central unit

KNX alarm central unit

Strike plate contact
lock switch contact

Blocking element

Glass breakage detector

Alarm distribution terminal

Overvoltage protection module

Residual current circuit-breaker

Making current limiter

HVAC components

Electro-thermal valve drive

Thermostat NO contact with timer

Thermostat NO contact with sensor and timer

Thermostat NC contact with on/off switch and lamp

Thermostat NO contact with sensor on/off switch and lamp

Thermostat change-over contact

Thermostat, change-over contact with sensor

Temperature sensor

Consumer electronics door communication

VHF radio

Amplifier

Docking station

Loudspeaker

Antenna

Clinic installation

(Double pole) socket outlet for floating output

Sensors/inputs

Brightness sensor

Wind sensor

Precipitation sensor

KNX radio brightness sensor

KNX radio binary input 2gang

KNX radio binary input 2gang

Appendix

Alphanumerical price list	960
Berker Instructions for cleaning care	980
Delivery and sales conditions	982
CE identification	984

Order no.	Page	Order no.	Page	Order no.	Page	Order no.	Page
1001 01	527	1011 21 84	456	1011 61 82	298	1012 23 84	458
1001 09	527	1011 21 89	456	1011 61 83	★ 303	1012 23 89	458
1001 20 04	485	1011 22 04	467	1011 61 84	298	1012 26 09	★ 475
1001 20 14	485	1011 22 09	467	1011 61 86	298	1012 26 14	★ 475
1001 20 45	485	1011 22 14	467	1011 61 89	298	1012 26 16	★ 475
1001 20 55	485	1011 22 16	467	1011 61 94	★ 310	1012 26 74	★ 475
1001 20 74	485	1011 22 35	468	1011 61 96	★ 310	1012 30 01	219
1001 20 83	485	1011 22 45	466	1011 61 99	★ 310	1012 30 04	218
1001 20 84	485	1011 22 74	466	1011 64 14	228	1012 30 05	218
1001 20 89	485	1011 22 79	467	1011 64 24	226	1012 30 12	219
1004 90 04	131	1011 22 84	466	1011 66 16	227	1012 30 16	219
1004 90 11	131	1011 22 89	466	1011 66 26	226	1012 30 21	218
1005 00 01	131	1011 23 34	460	1011 69 04	226	1012 30 22	219
1005 00 02	131	1011 23 39	460	1011 69 09	227	1012 30 25	218
1005 00 69	131	1011 23 44	460	1011 69 14	226	1012 30 46	219
1005 70 03	131	1011 23 49	460	1011 69 19	226	1012 36 06	227
1005 70 04	131	1011 23 54	460	1011 89 12	209	1012 36 09	227
1005 70 06	131	1011 23 59	459	1011 89 19	209	1012 39 04	218
1005 70 09	131	1011 23 64	459	1011 89 62	209	1012 60 12	283
1009 14 04	191	1011 23 69	459	1011 89 82	208	1012 60 14	284
1009 14 14	191	1011 23 74	459	1011 89 89	208	1012 60 16	283
1009 16 06	191	1011 23 79	458	1011 99 09	208	1012 60 19	283
1009 16 16	191	1011 23 84	458	1011 99 19	210	1012 60 20	299
1009 19 09	191	1011 23 89	458	1011 99 39	209	1012 60 30	299
1009 19 19	191	1011 26 09	★ 475	1011 99 49	208	1012 60 62	283
1009 20	516	1011 26 14	★ 475	1011 99 59	210	1012 60 74	298
1009 20 35	516	1011 26 16	★ 475	1011 99 69	210	1012 60 76	299
1009 20 45	447	1011 26 74	★ 475	1012 20 04	540	1012 60 79	299
1009 20 79	516	1011 30 01	219	1012 20 09	541	1012 60 82	282
1009 20 89	447	1011 30 04	218	1012 20 14	540	1012 60 83	298
1009 21	516	1011 30 05	218	1012 20 16	541	1012 60 84	282
1009 60 72	266	1011 30 12	219	1012 20 45	540	1012 60 86	282
1009 60 74	266	1011 30 16	219	1012 20 74	540	1012 60 89	282
1009 60 76	266	1011 30 21	218	1012 20 84	540	10126089C	284
1009 60 79	266	1011 30 22	219	1012 20 89	540	1012 60 92	290
1009 60 82	266	1011 30 25	218	1012 21 04	457	1012 60 94	290
1009 60 84	266	1011 30 46	219	1012 21 09	457	1012 60 96	290
1009 60 86	266	1011 36 06	227	1012 21 14	457	1012 60 99	290
1009 60 89	266	1011 36 09	227	1012 21 16	457	1012 61 82	298
1009 89 12	191	1011 39 04	218	1012 21 25	458	1012 61 84	298
1009 89 19	191	1011 60 12	283	1012 21 35	458	1012 61 86	298
1009 89 82	191	1011 60 14	284	1012 21 45	456	1012 61 89	298
1009 89 89	191	1011 60 16	283	1012 21 69	457	1012 63 94	★ 310
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7586 00 26	822	8014 16 00	641	8031 90 05	765	8096 12 29	745
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Berker Instructions for cleaning care



For surfaces made of plastic, metal or glass:

Clean by wiping the surfaces with a moist, soft, lint-free cloth. Soap-based detergents are suitable for heavier dirt. Open-pored surfaces made from natural materials are sensitive to grease and dirt. They are to be cleaned with a dry, lint-free cloth only.

For surfaces of stainless steel:

Aggressive external ambient factors or direct treatment can damage the material. This can result in rust or discoloration. We recommend cleaning and impregnating stainless steel parts several times a year with special cleaning and care products intended for stainless steel products. Please observe the instructions for use of the cleaning material, as it may not be suitable for use with plastics or fine metallic surface finishes.

Applies to all surfaces:

Abrasives and polishes, acid-based (scale removing) detergents and detergents containing chlorine as well as alkaline-based detergents will generally damage all surfaces. Moreover, painted/lacquered surfaces must not come in contact with detergents that contain alcohol.

As supplement to the General Terms and Conditions of Delivery for Products and Services of the Electrical Industry e. V. (ZVEI)

1. Scope of conditions

For your safety and ours, our deliveries, services and offers are based solely on the following terms and conditions of business. In the interest of both parties, these apply also to all future business relationships, even if not expressly agreed upon again. You are deemed to have accepted the conditions at the latest on acceptance of the goods or service. Unfortunately, we can not accept counter-confirmations from the purchaser with reference to his business or purchasing conditions.

Deviations, additions or ancillary agreements as well as all agreements between us and the customer for the purpose of executing this contract shall only become effective after our written confirmation.

These terms and conditions do not apply to our products sold on the Internet (advertising media, etc.). Instead, special terms and conditions of delivery apply to our Internet sales; these can be found on the Internet at the associated link.

2. Offer and contract conclusion

Our offers are subject to change and non-binding. Please note that letters of acceptance and orders become legally valid only after our confirmation in writing or by telefax.

Please also keep in mind that drawings, illustrations, dimensions, weights and other performance data are to be considered only approximate; unless we identify them expressly as binding. We reserve all ownership and copyrights to our catalogues and printed materials, cost estimates, drawings and other documents. These documents are not to be disclosed to third parties without our express and written approval – this applies in particular to documents that we provide and identify as 'confidential'.

In the interest of both parties, we advise that our employees can not make any verbal ancillary agreements or provide verbal assurances beyond the written content of the contract.

3. Prices

Our prices are subject to change and ex works. Cost estimates for repairs are non-binding. All prices are net prices and subject to the currently applicable sales tax (value-added tax). Additional deliveries and services must be invoiced separately.

Please understand that we may need to adjust our prices, if the cost of labour, material or taxes increase between the time of order placement and order fulfillment.

In the event of an increase in stock exchange listings for non-ferrous metals, we reserve the right to calculate a surcharge for products containing copper, silver or brass based on the difference on the date of order entry.

For products containing non-ferrous metals, the list price as of January 2018 is based on the following:

Copper	450.– € per 100 kg
Silver	150.– € per kg
Brass	150.– € per 100 kg

Copper:

In the event of further changes in the stock exchange listings, we reserve the right to correct the base used for the list prices.

Silver, brass:

In the case of silver and brass, we reserve the right to calculate surcharges based on a percentage. The surcharge groups and associated surcharge matrix will be provided prior to their going into effect in such cases.

4. Packaging

Hager Vertriebsgesellschaft mbH & Co. KG is a customer of INTERSEROH Dienstleistungs GmbH.

5. Shipment

Starting at a net order value of 500 euros, we absorb the freight costs from the shipping location to the destination in the full amount. For express or rush shipments with a net order value of 500 euros or more, we credit the freight costs proportionally. Unfortunately, for special distributions and other special products ex works delivery charges apply. For small orders with a net value of less than 150 euros, a surcharge of 15 euros net applies.

6. Payment

We offer payment terms of net 30 days max. for our invoices. For deferred payment or payment after an agreed date, we reserve the right to charge interest in the amount of 8 percentage points above the base interest rate – unless greater damage can be proven as the result of the payment delay.

If after issuance of a reminder payment is not received from the ordering party within 10 days after the due date on the invoice, all outstanding amounts are due and payable immediately. In such cases, we reserve the right to withhold remaining deliveries until payment in full has been received. The ordering party has no right to file a claim for damages in such cases.

We reserve the right to apply payments by the ordering party to older unpaid amounts, even if the party is not in agreement herewith. We shall of course inform the ordering party immediately and in detail about application of the payment. If costs and interest have already accrued, we first apply incoming payments to the costs, then to the interest and lastly to the primary amount due.

Your payments are considered received as soon as we have access to the funds. Payments by cheque are considered received when deposited. We accept bills of exchange only after written agreement and for the purpose of fulfilling obligations. Please understand that first-time orders can only be delivered against payment in advance; in return, however, we offer a 2% discount. If after accepting an order we receive negative information about the credit-worthiness of the ordering party, we shall be forced to demand payment in advance or the provision of security. This applies in particular if cheques or bills of exchange become subject to protest or the ordering party stops payment. If the ordering party is unable to make payment in advance or furnish security, we must withdraw from the contract without any claims for damages by the ordering party.

7. Time for delivery and performance

Binding and non-binding delivery dates or deadlines are both required to be in writing.

Unfortunately, we are not responsible for delays in delivery and performance due to force majeure even in the case of binding dates and deliveries. This also includes events that not only temporarily delay delivery significantly or make delivery impossible – for instance, strikes, lock-outs, official orders from a government agency, etc., including when such events occur at our suppliers or their sub suppliers. Under such circumstances, we are forced to postpone the delivery or service, possibly by as long as the duration of the event plus an appropriate startup time. It may also be necessary for us to withdraw from the contract in part or entirely because of the unfulfilled amount.

If such a situation lasts longer than three months, you have the right – after an appropriate extension has been established – to withdraw from the contract for the unfulfilled amount. If the delivery time is extended or we are released from our obligation, the ordering party has no right to file a claim for damages. However, we can only invoke the above circumstances after we have first notified you in this regard without delay.

It goes without saying that we can fulfil our delivery and service obligations only if the ordering party fulfils its obligations promptly and properly.

8. Passing of risk

Risk passes to the ordering party as soon as the goods have left our shipping location. Please note also that the risk of accidental damage or accidental destruction also passes to the ordering party if acceptance of the goods at the receiving location is delayed. If shipment is delayed at the request of the ordering party, risk is transferred upon notification of readiness for shipment.

9. Retention of title

Until all payment claims to which we are entitled for legal reasons now or in the future have been settled by the ordering party – including all balance claims on current account – we claim the below-listed as security. We shall at our discretion release them upon request if their value exceeds the obligation by at least 20%:

The goods remain our property until payment in full is received for all obligations.

Processing or conversion of the goods always takes place for us as manufacturer, but without obligation on our part. If our (joint) title ceases to apply due to incorporation, it is already agreed that the (co-) ownership of the ordering party in the entire object passes to us in proportion to the invoice value. The ordering party shall keep our (joint) property safe for us free of charge.

As ordering party, you are entitled to process reserved goods in the normal course of business. In the event of late payment or the opening of insolvency proceedings, this authorization ends. Pledging or assignment as security is not allowed.

If the ordering party establishes claims for payment from resale of reserved goods, current account balances or other legal reasons such as insurance or unlawful acts, the ordering party already assigns such claims together with all ancillary right to us now by way of security. Specifically, in proportion to the extent that the goods have been processed, combined or mixed, and we have acquired co-ownership in the amount of the invoice value.

In this case, the cession entitles us to a portion of the purchase price amount corresponding to the ratio of the invoice value of the reserved goods to the invoice value of the object. In the event that the ordering party has sold the claim by way of non-recourse factoring, the ordering party assigns the claim taking its place against the factor to us. We accept this assignment. It is understood that we will not collect these claims as long as the ordering party fulfils its payment obligations to us completely and punctually. Furthermore, we authorise the ordering party to collect the claims assigned to us for his own account. However, we are entitled to revoke the collection authorisation, if the purchaser falls into default in payment. In this case, the ordering party authorises us to inform the debtors of the assignment, and we shall collect the claims ourselves. In our common interest, the ordering party is obliged to provide to us on request an exact list of the claims which we are owed. This includes name and address of the creditor, the amount of the individual claims, invoice date, etc. as well as all additional necessary information that we need to enforce the claims assigned to us. The ordering party shall furthermore allow us to check this information.

In the event third parties access reserved goods – especially in the case of attachment – the ordering party must state our ownership and notify us immediately. Please note: If the third party is unable to reimburse the legal or out-of-court expenses incurred in this matter, the ordering party shall bear such costs.

10. Warranty

We guarantee that our product are free of manufacturing and material defects. We grant a two-year warranty on all of our products, starting at the delivery date.

Please keep in mind that we do not guarantee descriptions and technical data in our product information as product characteristics.

Unless: We confirm such expressly in writing. We reserve the right to make design changes in the course of further development and improvement in our joint interest.

Please note further that we provide no warranty coverage in the case of failure to follow our operating and maintenance instructions, or if modifications to our products are made, parts are exchanged or consumables that do not meet our original specification are used. This limitation applies as long as the ordering party can not disprove that the defect has resulted from one of these circumstances.

If an ordering party places an order to manufacture products to his drawings or samples, the ordering party guarantees that this does not infringe the industrial property rights of third parties. If the ordering party specifies the manufacturing method or material, the ordering party assumes liability for the usefulness of the goods.

Please notify us of any deficiencies within 8 days of receipt of the goods. Please notify us in writing immediately upon detection of concealed damage that was not found within this time period despite careful inspection. Note: Unfortunately, we cannot honour any warranty claims if the specified times are not observed.

In your own interest, please note the following limitations of warranty claims: We shall provide replacements for defective goods at our cost; the right of the ordering party to subsequent remedy through correction of defects is, however, excluded. If the subsequent remedy does not occur by appropriate deadline, the ordering party can at their discretion either demand a reduction in the amount of payment or withdraw from the contract. Claims for damages are excluded unless it can be shown that the cause is attributable to intentional or gross negligence, or we have assured in writing certain characteristics of our products as mentioned in par. 2.

11. Liability

Do you have the right to pursue claims for damages from us and our employees due to breach of contractual secondary obligations and from inadmissible acts, if intentional or grossly negligent behaviour is involved. The liability is limited to such damage that could typically be expected under the circumstances known at the time the contracted was concluded. Our liability according to the requirements of the German Product Liability Act and manufacturer's liability remain unaffected. Obviously, we ca not assume liability when persons other than the technical personnel of a licensed electrical company install or connect our products.

12. Return shipment

Please understand that we can not exchange or take back goods delivered in accordance with the contract. Should we, as a gesture of good will, deviate from the principle, the following applies: You will send the goods back only after having received a written agreement about return or exchange. Only then can you send back the goods to one of our warehouses at your own risk freight prepaid and free of all charges. Please ensure that the goods are delivered to us in perfect condition – used, previously installed, broken, defective or goods outdated in terms of design can not be accepted. For processing we will charge the ordering party, as cost compensation, 15% of the value of the exchanged or returned good, if no other amount was agreed separately and in writing.

13. Place of jurisdiction

The place of jurisdiction is Saarbrücken.

Copyright declaration

Individual reproduction

e.g. copies and printouts, may only be made for private and other personal use; i.e. individual reproductions of a work may be stored on any data carrier for personal use provided that they are used neither directly nor indirectly for commercial purposes (Section 53 UhrG). Making and distributing further reproductions is only admissible with the express permission of the copyright holder. The texts and illustrations published here are subject to copyright and may not be reproduced, processed, copied or distributed without our prior written approval! Only use of the prepared information for personal purposes and for further processing in the electrical trades is excluded! The users themselves are responsible for their compliance with legal provisions and can be held liable in the event of misuse! We will pursue every instance of copyright infringement!

Subject to printing errors, change and mistakes.

Date: January 2018

Current prices

hager.de

We,
Hager SE
Zum Gunterstal
66440 Blieskastel, Germany

declare under our sole responsibility that all products with the CE marking from the product offering segments

- Distribution boards and switch/protection devices
- Cable routing and room connection systems
- Switch ranges and building automation
- Door communication and security technology
- Energy distributions and switch/protection devices

meet the requirements of the following EU directives and regulations and their corresponding additions where applicable:

- Low-voltage directive 2014/35/EU
- Directive on electromagnetic compatibility 2014/30/EU
- Radio equipment directive 2014/53/EU
- Directive establishing a framework for the setting of ecodesign requirements for energy-related products 2009/125/EU
- Measuring instruments directive 2014/32/EU
- Construction Products Regulation (EU) No. 305/2011
- Directive on the restriction of hazardous substances 2011/65/EU

This declaration certifies that the products comply with the specified directives and regulations but does not guarantee their properties.

The electrical engineer is responsible for ensuring that our products are used as intended and for setting up the system so that it is ready to use in accordance with the relevant installation regulations.

The CE marking is displayed directly on the product, on the packaging or on the outer packaging.

Hager SE acts on behalf of all of its direct and indirect subsidiaries.

Blieskastel, 7 June 2017



Dr.-Ing. Dominique Beck
Corporate Standards and Business Environment Director – Hager Group



Berker's switches – Quality since 1919

B.
Berker



You will find Berker's switches in all the best houses.

Tradition

In 1919 the first rotary toggle left the "Special factory for electrotechnical installation units" owned by brothers Robert and Hugo Berker in Schalksmühle in the Sauerland. The black switch on its white surround was already as attractive and functional as Berker models are renowned for being today.

Standards

Since 2010, the traditional Berker brand has been part of Hager Group. Their shared technological expertise has further strengthened Berker. Today the brand combines established values with contemporary design and technology standards – and thereby continues to set standards again and again in form, function, operability and quality.

Cult

Berker's switches and systems can be found in the most beautiful and exciting buildings in the world. That is because our outstanding design has the same aspirations as good architecture: It is timeless, functional and durable. So architects will always be asking themselves not whether to choose Berker, but which Berker to choose.

Find out more at:
[berker.com](https://www.berker.com)



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