



85875120



KNX radio switch actuator 1gang/binary input 2gang flush-mounted, 230 V, 4 A (2-wire) Electronics platform

Technical features

Architecture

Bus system	yes
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Functions

- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- reset function (to factory setting)
- scene saving lockable
- scene opening via KNX radio appliances
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control

Configuration

- confectioned, with 2-core cable

Controls and indicators

Indicator lamp	yes
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- with manual operation on/off
- Activation, for example through switch, push-buttons, timer
- with configuration and function button

Connectivity

Bus system radio frequent	yes
Bus system LON	no
Bus system Powernet	no
Radio protocol	KNX Radio
Receiver category	2
- with independent, mains supplied, binary input for potential-free contact	

Voltage

System supply voltage	230V AC
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Electric current

Number of entry circuits	2
Input signal current	33 µA
Maximum through current	1 A
Withstand current in AC1 for the contact path or zone 1	0,85 A

Frequency

Transmission frequency	868 MHz
Radio reception frequency	868,3 MHz

Power

Conventional transformers	10...175 VA
Electronic transformers	10...175 W
Radio transmission power	< 10 mW
C-load	no

Measurement

Input scanning voltage	5 V
Relative humidity (without condensation)	0...65 % (without condensation)

Detection

Dimensions, sensor (Ø x H)	53 x 30 mm
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Materials

Colour independent of design lines	light grey
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Dimensions

Height of installed product	40 mm
Dimensions (LLxwwxhh)	40x40x18
Diameter	53 mm
Height	30 mm

Fluorescent bulbs control

Fluorescent lamps parallel compensated	36 W
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LED control

Max number of LED/CFL lamps	10
Power LED	70 W
LED	with transmission status and control LED for On/Off, with configuration and function LEDs

Incandescent bulbs control

Max. power with incandescent lamps	200 W
230 V incandescent lamps and halogen lamps	10...200 W

Installation, mounting

Installation mode	for installation behind flush-mounted inserts
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Connection

Connection cross-sect. flexible conductor	0,5 / 1,5mm ²
Connection cross-sect. rigid cable	0,5 / 1,5mm ²
Type of contacts	semi-conductor
Type of connection	with screw
<ul style="list-style-type: none"> - with screw-in lift terminals - integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system 	

Cable

Binary cable length, extendable to	max. 5 m
Binary cable length	≈ 20 cm

Settings

Supported configuration modes	system, easy, PB
- toolless quicklink configuration using buttons and LED display	

Scope of delivery

Bus connection included	yes
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Equipment

Number of outputs	1
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Modular expandability	no
Transmitter duty cycle	1 %
Different phases connectable	no
With slide for manual switch	yes

Use conditions

Operating temperature	-15...45 °C
Storage/transport temperature	-25...70 °C
- low intrinsic energy requirement	

Identification

Application, usage	KNX radio - actuators
Product family	product family: output
Device family	TRM
Main design line	Electronics platform