



85875122



KNX radio switch actuator 1gang/binary input 2gang flush-mounted, 12...230 V AC, 12...24 V DC 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 μ A
Maximum through current	4 A
Withstand current in AC1 for the contact path or zone 1	4 A

Frequency

Transmission frequency	868 MHz
Radio reception frequency	868,3 MHz

Power

Total power loss under IN	150 mW
Power dissipation per coil	150 mW
Electronic transformers	600 W
Radio transmission power	< 10 mW
C-load	yes

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)	40x40x20
Diameter	53 mm
Height	30 mm

Fluorescent bulbs control

Power lighting fluo lamps	40W
Max. power fluo. duo lamp comp. series	40W
Fluorescent lamps parallel compensated	36 W

LED control

Max number of LED/CFL lamps	5
Power LED	40 W
LED	with transmission status and control LED for On/Off, with configuration and function LEDs

Incandescent bulbs control

Max. power with incandescent lamps	600 W
230 V incandescent lamps and halogen lamps	1500 W

Installation, mounting

Installation mode	for installation behind flush-mounted inserts
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Connection

Connection cross-sect. flexible conductor	0,5 / 1,5mm²
Connection cross-sect. rigid cable	0,5 / 1,5mm²
Type of contacts	1NO
Type of connection	with screw
- 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	-10...50 °C
Storage/transport temperature	-20...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