



85875121



KNX radio switch actuator 1gang/binary input 2gang flush-mounted, 230 V, 3 A (3-wire) Electronics platform

Technical features

Architecture

Bus system yes

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

- 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

230V AC System supply voltage

Electric current

Number of entry circuits	2
Input signal current	33 μΑ
Maximum through current	3 A
Withstand current in AC1 for the contact path or zone 1	3 A

Frequency

Transmission frequency	868 MHz
Radio reception frequency	868,3 MHz



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) 065 % (without condensation) Detection Dimensions, sensor (Ø x H) 53 x 30 mm Materials Colour independent of design lines light grey Dimensions Height of installed product 40 mm Dimensions (LLxwwxhh) 40x40x20 Diameter 35 mm Height 30 mm Fluorescent bulbs control Fluorescent lamps parallel compensated 36 W LED control Max nower fluo, duo lamp comp. series 150W Fluorescent lamps parallel compensated 36 W LED with transmission status and control LED for On/Off, with configuration and function LEDs Incandescent bulbs control Max power with incandescent lamps 500 W 230 V incandescent lamps and halogen lamps 1500 W 230 V incandescent lamps and halogen lamps 1500 W 230 V incandescent lamps and halogen lamps 1500 W 230 V incandescent lamps and halogen lamps 1500 W 230 V incandescent lamps and halogen lamps 1500 W 230 V incandescent lamps and halogen lamps 1500 W 250 V incandescent lamps and halogen lamps 1500 W 250 V incandescent lamps and halogen lamps 1500 W 250 V incandescent lamps and halogen lamps 1500 W 250 V incandescent lamps and halogen lamps 1500 W 250 V incandescent lamps and halogen lamps 1500 W 250 V incandescent lamps and halogen lamps 1500 W 250 V incandescent lamps and halogen lamps 1500 W 250 V incandescent	Power	
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Radio transmission power C-load yes Measurement Input scanning voltage 5 V Relative humidity (without condensation) 065 % (without condensation) Detection Dimensions, sensor (Ø x H) 53 x 30 mm Materials Colour independent of design lines light grey Dimensions Height of installed product 40 mm Dimensions (LLxwwxhh) 40x40x20 Diameter 53 mm Height 30 mm Fluorescent bulbs control Power lighting fluo lamps 150w Max. power fluo. duo lamp comp. series 150w Fluorescent lamps parallel compensated 36 w LED control Max number of LED/CFL lamps 20 Power LED 150 with ransmission status and control LED for On/Off, with configuration and function LEDs Incandescent bulbs control Max. power with incandescent lamps 500 w 230 V incandescent lamps and halogen lamps 1500 w Installation, mounting	Power dissipation per coil	150 mW
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230 V incandescent lamps and halogen lamps 1500 W Installation, mounting		
Installation, mounting		
	230 V Incandescent famps and harogen famps	1300 W
Installation mode for installation behind flush-mounted inserts	Installation, mounting	
	Installation mode	for installation behind flush-mounted inserts
Connection	Connection	
Connection cross-sect. flexible conductor 0,5 / 1,5mm²	Connection cross-sect. flexible conductor	0,5 / 1,5mm²
Connection cross-sect. rigid cable 0,5 / 1,5mm²	Connection cross-sect. rigid cable	0,5 / 1,5mm²
Type of contacts 1NO	Type of contacts	1NO
Type of connection with screw	Type of connection	with screw
 with screw-in lift terminals integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system 		ed, into the KNX TP system



Electronics platform

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	no
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	-1050 °C
Storage/transport temperature	-2070 °C
- low intrinsic energy requirement	
Identification	
Application, usage	KNX radio - actuators
Product family	product family: output
Device family	TRM

Main design line