85875100

IP20

quicklink

KNX radio switch actuator 1gang/binary input 1gang flush-mounted Electronics platform, white

Technical features

Functions

- ETS additional function: repeater function
- 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

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

Connectivity

Bus system radio frequent	no
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

Electric current

Input signal current	33 µA

Frequency

Radio reception frequency	868,3 MHz

Power

Output power	115 W
Conventional transformers	800 VA
Electronic transformers	600 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

Materials

Colour independent of design lines	white

Dimensions

Diameter	53 mm
Height	46,6 mm

Fluorescent bulbs control

Fluorescent lamps parallel compensated	36 W

LED control

LED	with transmission status and control LED for On/Off, with configuration and function LEDs

Incandescent bulbs control

230 V incandescent lamps and halogen lamps	1500 W

Installation, mounting

Installation mode	for installation behind flush-mounted inserts

Connection

- 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	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

Use conditions

Operating temperature	0...45 °C

- low intrinsic energy requirement

Identification

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