85865100

IP55

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

Technical features

Architecture

Fixing mode	surface-mounting

Functions

- 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)
- scene saving lockable
- scene opening via KNX radio appliances
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control

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
Switching current	10 A /230 V AC1

Frequency

Radio reception frequency	868,3 MHz

Power

Output power	2300 W
Conventional transformers	600 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)

Materials

Colour independent of design lines	white
Surface appearance	matt

Dimensions

Length	150 mm
Height	150 mm
Width	85 mm

Lighting control

Fluorescent lamps with electronical ballast (EB)	6 x 58 W
- uncompensated	600 VA

Fluorescent bulbs control

Compact fluorescent lamps	6 x 18 W
Compact fluorescent lamps	6 x 18 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

Connection

- with screw-in lift terminals
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

Cable

Binary cable length	max. 5 m

- with mounting plates and strain reliefs

Settings

- toolless quicklink configuration using buttons and LED display

Scope of delivery

Bus connection included	yes

Equipment

Number of outputs	1
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Transmitter duty cycle	1 %
Different phases connectable	no

Use conditions

Operating temperature	-10…55 °C

- low intrinsic energy requirement

Identification

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