85275100

KNX radio blind actuator 1gang/binary input 2gang flush-mounted Electronics platform, light grey

Technical features

Architecture

Bus system	KNX

Functions

Bus module detachable	no

- ETS additional functions: +6 scenes, operating mode, 1 up/down button control, 2 x alarm, status display
- ETS additional function: repeater function
- reset function (to factory setting)
- scene saving lockable
- scene opening via KNX radio appliances
- quicklink functions: blind, 2 scenes, forced control, up/down push-button

Configuration

- with 2 mechanically and electrically mutually-locked relay contacts

Controls and indicators

- with manual operation up/down
- Activation, for example through switch, push-button, timer, blind timer switch
- 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 2 independent, mains supplied, binary inputs for potential-free contacts

Main electrical features

Frequency	50 Hz

Electric current

Input signal current	33 µA

Frequency

Radio reception frequency	868,3 MHz

Power

Radio transmission power	< 10 mW

Measurement

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

Materials

Colour independent of design lines	light grey

Dimensions

Dimensions (Ø x H)	53 x 27 mm
Diameter	53 mm
Height	27 mm

LED control

LED	with configuration and function LEDs, with control LED (relay closed)

Installation, mounting

Installation mode	for installation behind flush-mounted inserts

Connection

Conductor cross-section	0,75…2,5 mm²
Connection	with 2 independent battery-supplied binary inputs for potential-free contacts

- 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

Lamella adjustment on signal duration	< 1 s

- toolless quicklink configuration using buttons and LED display

Equipment

Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Self-retaining for 2 min on signal length	> 1 s
Transmitter duty cycle	1 %
Change-over time for change of direction	< 0,6 s

Standards

General standards	EN 50428, EN 60669-2-1, EN 300220-2, EN 301489-3, EN 50491-3

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
Secondary design line(s)	Berker.Net