



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 mm ² |
| Connection | with 2 independent battery-supplied binary inputs for potential-free contacts |
| <ul style="list-style-type: none"> - 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 |