



85875120



KNX radio switch actuator 1gang/binary input 2gang flush-mounted, 230 V, 4 A (2-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

| | |
|-----------------------|---------|
| System supply voltage | 230V AC |
|-----------------------|---------|

Electric current

| | |
|---------------------------------------------------------|--------|
| Number of entry circuits | 2 |
| Input signal current | 33 µA |
| Maximum through current | 1 A |
| Withstand current in AC1 for the contact path or zone 1 | 0,85 A |

Frequency

| | |
|---------------------------|-----------|
| Transmission frequency | 868 MHz |
| Radio reception frequency | 868,3 MHz |

Power

| | |
|---------------------------|-------------|
| Conventional transformers | 10...175 VA |
| Electronic transformers | 10...175 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 | light grey |
|------------------------------------|------------|

Dimensions

| | |
|-----------------------------|----------|
| Height of installed product | 40 mm |
| Dimensions (LLxwwxhh) | 40x40x18 |
| Diameter | 53 mm |
| Height | 30 mm |

Fluorescent bulbs control

| | |
|----------------------------------------|------|
| Fluorescent lamps parallel compensated | 36 W |
|----------------------------------------|------|

LED control

| | |
|-----------------------------|-------------------------------------------------------------------------------------------|
| Max number of LED/CFL lamps | 10 |
| Power LED | 70 W |
| LED | with transmission status and control LED for On/Off, with configuration and function LEDs |

Incandescent bulbs control

| | |
|--------------------------------------------|------------|
| Max. power with incandescent lamps | 200 W |
| 230 V incandescent lamps and halogen lamps | 10...200 W |

Installation, mounting

| | |
|-------------------|-----------------------------------------------|
| Installation mode | for installation behind flush-mounted inserts |
|-------------------|-----------------------------------------------|

Connection

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Connection cross-sect. flexible conductor | 0,5 / 1,5mm ² |
| Connection cross-sect. rigid cable | 0,5 / 1,5mm ² |
| Type of contacts | semi-conductor |
| Type of connection | with screw |
| <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

| | |
|------------------------------------------------------------------|------------------|
| Supported configuration modes | system, easy, PB |
| - 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 |
| Modular expandability | no |
| Transmitter duty cycle | 1 % |
| Different phases connectable | no |
| With slide for manual switch | yes |

Use conditions

| | |
|------------------------------------|-------------|
| Operating temperature | -15...45 °C |
| Storage/transport temperature | -25...70 °C |
| - low intrinsic energy requirement | |

Identification

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