



85475120



KNX radio universal dim actuator 1gang/binary input 2gang flush-mounted Electronics platform

Technical features

Architecture

| | |
|------------|-----|
| Bus system | yes |
|------------|-----|

Functions

| | |
|---------------------------|----|
| Parallel-service possible | no |
|---------------------------|----|

- ETS additional functions: +6 scenes, operating mode on/off, dimming value, forced control, status display, brightness display, repeater function
- reset function (to factory setting)
- scene opening via KNX radio appliances
- scene saving lockable
- quicklink functions: dimming, 2 scenes, time switching, NO contact push-button
- bulb-preserving soft startup

Controls and indicators

| | |
|----------------|-----|
| Indicator lamp | yes |
|----------------|-----|

- with manual operation on/off, brighter/darker
- with configuration and function button

Connectivity

| | |
|---------------------------|-----|
| Bus system radio frequent | yes |
|---------------------------|-----|

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|----------------|----|
| Bus system LON | no |
|----------------|----|

| | |
|---------------------|----|
| Bus system Powernet | no |
|---------------------|----|

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|----------------|-----------|
| Radio protocol | KNX Radio |
|----------------|-----------|

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|-------------------|---|
| Receiver category | 2 |
|-------------------|---|

Fuse

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|------|--|
| Fuse | short-circuit and overload proof (electronic fuse) |
|------|--|

Frequency

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

Power

| | |
|-------------------------|------------|
| Incandescent bulb power | 10 / 200 W |
|-------------------------|------------|

| | |
|---------------------------|-------------|
| Conventional transformers | 10...175 VA |
|---------------------------|-------------|

| | |
|-------------------------|------------|
| Electronic transformers | 10...175 W |
|-------------------------|------------|

Measurement

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|--|---------------------------------|
| Relative humidity (without condensation) | 0...65 % (without condensation) |
|--|---------------------------------|

Dimensions

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|--------------------|------------|
| Dimensions (Ø x H) | 56 x 38 mm |
|--------------------|------------|

| | |
|----------|-------|
| Diameter | 56 mm |
|----------|-------|

| | |
|--------|-------|
| Height | 38 mm |
|--------|-------|

LED control

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|-----------------------------|---|
| Max number of LED/CFL lamps | 8 |
| Dimmable LED lamps | 3...50 W |
| Power LED | 50 W |
| LED | with 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 |

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 load | universal |
| Number of contacts | 1 |
| 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 | |

Settings

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|--|------------------|
| Supported configuration modes | system, easy, PB |
| <ul style="list-style-type: none"> - toolless quicklink configuration using buttons and LED display | |

Scope of delivery

| | |
|-------------------------|----|
| Bus connection included | no |
|-------------------------|----|

Equipment

| | |
|---|--------------------------------|
| Number of outputs | 1 |
| Number of inputs | 2 |
| Type of dimmer | universal |
| Substation input | yes |
| Number of quicklink links | max. 20 transmitter/receiver |
| Product type: | Product type: Dimming actuator |
| Transmitter duty cycle | 1 % |
| With slide for manual switch | yes |
| <ul style="list-style-type: none"> - phase cut-on or cut-off according to load type, self-learning | |

Use conditions

| | |
|--|-------------|
| Operating temperature | -15...45 °C |
| Storage/transport temperature | -20...70 °C |
| <ul style="list-style-type: none"> - low intrinsic energy requirement | |

Identification

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