



85275120



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

### Technical features

#### Architecture

|                                   |     |
|-----------------------------------|-----|
| Bus system                        | yes |
| Number of blinds/shutters outputs | 1   |

#### Functions

|   |    |
|---|----|
| Bus module detachable   | no |
| <ul style="list-style-type: none"> <li>- ETS additional functions: +6 scenes, operating mode, 1 up/down button control, 2 x alarm, status display</li> <li>- ETS additional function: repeater function</li> <li>- reset function (to factory setting)</li> <li>- scene saving lockable</li> <li>- scene opening via KNX radio appliances</li> <li>- quicklink functions: blind, 2 scenes, forced control, up/down push-button</li> </ul> |    |

#### Configuration

- with 2 mechanically and electrically mutually-locked relay contacts

#### Controls and indicators

|   |     |
|---|-----|
| Indicator lamp  | yes |
| <ul style="list-style-type: none"> <li>- with manual operation up/down</li> <li>- Activation, for example through switch, push-button, timer, blind timer switch</li> <li>- with configuration and function button</li> </ul> |     |

#### Connectivity

|   |           |
|---|-----------|
| Bus system radio frequent   | yes       |
| Bus system LON  | no        |
| Bus system Powernet   | no        |
| Radio protocol  | KNX Radio |
| Receiver category   | 2         |
| <ul style="list-style-type: none"> <li>- with 2 independent, mains supplied, binary inputs for potential-free contacts</li> </ul> |           |

#### Main electrical features

|                        |       |
|------------------------|-------|
| Type of supply voltage | AC    |
| Frequency              | 50 Hz |

#### Voltage

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

#### Electric current

|                           |     |
|---------------------------|-----|
| Number of entry circuits  | 2   |
| Maximum switching current | 3 A |

#### Frequency

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

### Power

|                                  |         |
|----------------------------------|---------|
| Contact rating with 230 V in AC1 | 690 W   |
| Total power loss under IN        | 450 mW  |
| Power dissipation per coil       | 150 mW  |
| Radio transmission power         | < 10 mW |

### Measurement

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

### 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

|  |   |
|--|---|
| Connection cross-sect. flexible conductor  | 0,5 / 1,5mm <sup>2</sup>  |
| Connection cross-sect. rigid cable   | 0,5 / 1,5mm <sup>2</sup>  |
| Conductor cross-section  | 0,75...2,5 mm <sup>2</sup>  |
| Number of contacts   | 1   |
| Connection   | with 2 independent battery-supplied binary inputs for potential-free contacts |
| Type of connection   | with screw  |
| <ul style="list-style-type: none"> <li>- with screw-in lift terminals</li> <li>- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system</li> </ul> |   |

### Cable

|                                    |          |
|------------------------------------|----------|
| Binary cable length, extendable to | max. 5 m |
|------------------------------------|----------|

### Settings

|  |                  |
|--|------------------|
| Supported configuration modes                                    | system, easy, PB |
| 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                      |
| With slide for manual switch              | yes                          |

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**Use conditions**

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|                                    |             |
|------------------------------------|-------------|
| Operating temperature              | -10...50 °C |
| Storage/transport temperature      | -20...70 °C |
| - low intrinsic energy requirement |             |

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**Identification**

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|                          |                        |
|--------------------------|------------------------|
| Application, usage       | KNX radio - actuators  |
| Product family           | product family: output |
| Device family            | TRM                    |
| Main design line         | Electronics platform   |
| Secondary design line(s) | Berker.Net             |

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