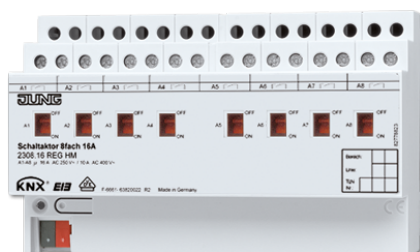


# Product data sheet

## Switch actuator, 8-gang



### Reference number

2308.16 REGHM

### KNX switch actuator, 8-gang

rail mounting device, 8 rail units

8 1-way NO contacts with manual mechanical operation and status indicator

Only with the ETS 3.0d version or later versions the full functionality will be available.

ETS product family: Output

Product type: Binary output

### Intended use

- Switching of 110 ... 230 V AC or 24 V AC/DC electrical loads with floating contacts
- Mounting on DIN rail according to EN 60715 in distribution box

### Product characteristics

- Manual switching of the relays is independent of the bus
- Operation as 1-way NO or 1-way NC contacts
- Logic and forced operation function
- Switching feedback (bus operation only)
- Switch position indication
- Central switching function with collective feedback
- Disabling function for each channel
- Time functions: switch-on delay, switch-off delay, staircase lighting timer with pre-warning function
- Integration into light scenes
- Operating hours counter, configurable via bus
- Input monitoring for cyclical updating with safety circuit
- No additional power supply necessary

### Technical data

|                              |                                     |
|------------------------------|-------------------------------------|
| KNX medium:                  | TP 256                              |
| Rated voltage KNX:           | NaV                                 |
| Connection, KNX:             | connection terminal                 |
| Power consumption KNX:       | typical 150 mW                      |
| Power loss:                  | max. 8 W                            |
| Ambient temperature:         | -5 ... +45 °C                       |
| Stora/transport temperature: | -25 ... +70 °C                      |
| Mounting width:              | 144 mm (8 rail units)               |
| Connection, outputs          |                                     |
| Connection mode:             | screw terminals                     |
| single wire:                 | 1 x 0.5 ... 4 mm <sup>2</sup>       |
| stranded without ferrule:    | 1 x 0.5 ... 4 mm <sup>2</sup>       |
| stranded with ferrule:       | 1 x 0.5 ... 2.5 mm <sup>2</sup>     |
| Switching outputs            |                                     |
| Contact type:                | floating relay contacts (μ contact) |
| Switching voltage AC:        | AC 250 / 400 V                      |
| Switching current 230 V AC1: | 16 A                                |
| Switching current 230 V AC3: | 10 A                                |
| Switching current 400 V AC1: | 10 A                                |

|                                |                      |
|--------------------------------|----------------------|
| Switching current 400 V AC3:   | 6 A                  |
| Fluorescent lamps:             | 10 AX                |
| Ohmic load:                    | 3680 W               |
| Capacitive load:               | 10 A / 140 $\mu$ F   |
| Switching voltage DC:          | DC 12 ... 24 V       |
| Switching current DC:          | 16 A                 |
| Min. switching current:        | 100 mA               |
| Switch-on current 150 $\mu$ s: | 400 A                |
| Switch-on current 600 $\mu$ s: | 200 A                |
| Lamp loads                     |                      |
| Incandescent lamps:            | 2500 W               |
| HV halogen lamps:              | 2500 W               |
| LV halogen lamps with          |                      |
| inductive transformers:        | 1200 VA              |
| electronic transformers:       | 1500 W               |
| Fluorescent lamps T5/T8        |                      |
| non-compensated:               | 2500 W               |
| parallel compensated:          | 1300 W / 140 $\mu$ F |
| lead-lag circuit:              | 2300 W / 140 $\mu$ F |
| Compact fluorescent lamps      |                      |
| non-compensated:               | 2500 W               |
| parallel compensated:          | 1300 W / 140 $\mu$ F |
| Mercury vapour lamps           |                      |
| non-compensated:               | 2000 W               |
| parallel compensated:          | 2000 W / 140 $\mu$ F |
| Approvals:                     | VDE                  |

