

# Product data sheet



## eNet radio switch/push-button actuator 1-gang mini



### Reference number

FM AS 10 UP

### eNet radio switch/push-button actuator 1-gang mini

New system feature: Fully-encrypted radio transmission (AES-CCM) from eNet Server software version 2.0

### Intended use

- Switching of lighting
- Operation with suitable eNet radio transmitters
- Mounting in appliance box according to DIN 49073 in combination with a suitable cover
- Mounting in surface-mounted housing or built-in housing (ref.-no. FM-EBG) for false ceilings

### Product characteristics

- Operating mode switch for: switch/push-button actuator or parameterisation via eNet server
- Status feedback to radio transmitter
- Scene operation possible
- Switchable output with **Prog** button
- Status indication with LED

### Switching operation:

- Switch-on telegram: Device switches on
- Switch-off telegram: Device switches off

### Push-button operation:

- Relay contact remains closed as long as ON or OFF telegrams are being received
- The maximum switch-on time is 60 seconds

### Can be set with eNet server:

- Flash function
- Run-on time
- Switch-on delay / switch-off delay
- Operation as NO or NC contacts
- Switch-off warning
- Minimum switching repeat time
- Operation locks
- Continuous on, Continuous off

### Supplementary functions with eNet server:

- Fully-encrypted radio transmission (AES-CCM) from eNet Server software version 2.0
- Update of the device software
- Repeater function
- Reading of error memory

## Technical data

|                                                                   |                              |
|-------------------------------------------------------------------|------------------------------|
| Rated voltage:                                                    | AC 230 V ~, 50/60 Hz         |
| Ambient temperature:                                              | -25 ... +70 °C               |
| Switching current at 35 °C                                        |                              |
| Ohmic:                                                            | 16 A (AC1)                   |
| For switching current > 10 A connecting cable 2.5 mm <sup>2</sup> |                              |
| Fluorescent lamps:                                                | 4 AX                         |
| Min. switching current AC:                                        | 100 mA                       |
| Contact type:                                                     | μ                            |
| Stand-by power:                                                   | 0.5 W                        |
| Connected load at 35 °C                                           |                              |
| Incandescent lamps:                                               | 2300 W                       |
| HV halogen lamps:                                                 | 2000 W                       |
| Electronic transformers:                                          | 1500 W                       |
| Inductive transformers:                                           | 1000 VA                      |
| HV LED lamps:                                                     | typical 500 W                |
| Compact fluorescent lamps:                                        | typical 500 W                |
| Fluorescent lamps non-compensated:                                | 920 VA                       |
| Capacitive load:                                                  | 690 VA (560 μF)              |
| Connection mode:                                                  | screw terminals              |
| single wire:                                                      | 0.75 ... 4 mm <sup>2</sup>   |
| stranded with ferrule:                                            | 0.75 ... 2.5 mm <sup>2</sup> |
| Dimensions (Ø x H):                                               | 53 x 28 mm                   |
| Radio frequency:                                                  | 868.0 ... 868.6 MHz          |
| Transmitting power:                                               | max. 20 mW                   |
| Transmission range in free field:                                 | typical 100 m                |
| Receiver category:                                                | 2                            |

