

# Product data sheet

eNet radio push-button controller 1-10 V 1-gang mini



## Reference number

FM ST 50 UP

## eNet radio push-button controller 1-10 V 1-gang mini

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

### Intended use

- Switching and brightness setting of luminaires with 1-10 V interface
- Operation with suitable eNet radio transmitters
- Installation in flush box according to DIN 49073 in combination with a suitable cover
- Mounting in surface-mounted housing or mounting adapter (ref.-no. FM-EBG) for false ceilings

### Product characteristics

- Switch-on brightness can be saved permanently
- Minimum brightness can be saved permanently
- Scene operation possible
- Status indication of the 1-10 V subscribers via LED
- Status feedback to radio transmitter
- 1-10 V subscribers switchable with **Prog** button
- 1-10 V interface is protected against reverse polarity

Can be set with eNet server:

- Maximum brightness
- Dimming speed
- Switch-on delay / switch-off delay
- Dim up/dim down ramp
- Switch-off warning
- Operating locks
- Continuous on, Continuous off
- Hotel function
- Run-on time

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 |
| Stand-by power:      | max. 0.5 W           |
| Ambient temperature: | -25 ... +70 °C       |
| Contact type:        | μ                    |
| Control voltage:     | 0.5 ... 11 V         |
| Control current:     | max. 50 mA           |

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Switching current                 |                                  |
| Ohmic:                            | 6 A                              |
| Fluorescent lamps:                | 3 AX                             |
| Connected load                    |                                  |
| Ohmic load:                       | 1380 W                           |
| Capacitive load:                  | 690 VA (560 µF)                  |
| Connection mode:                  | screw terminals                  |
| single wire:                      | 1 x 0.75 ... 4 mm <sup>2</sup>   |
| stranded with ferrule:            | 1 x 0.75 ... 2.5 mm <sup>2</sup> |
| Dimensions (Ø x H):               | 53 x 28 mm                       |
| Total length power cable:         | max. 100 m                       |
| Total length of control cable:    | max. 100 m                       |
| Radio frequency:                  | 868.0 ... 868.6 MHz              |
| Transmitting power:               | max. 20 mW                       |
| Transmission range in free field: | typical 100 m                    |
| Receiver category:                | 2                                |

