

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

Intended use

- Switching and brightness setting of luminaires with 1-10 V interface
- Operation with suitable eNet radio transmitters
- Installation in flush box with dimensions 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 ~
Mains frequency:	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 ²
stranded with ferrule:	1 x 0.75 ... 2.5 mm ²
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

