

# Product data sheet

## eNet radio DALI gateway 1-gang mini



### Reference number

FM STD 8 UP

### eNet radio DALI gateway 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 for luminaires with DALI 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

- Joint operation of all the connected DALI ballasts, broadcast
- Electronic short-circuit protection of the DALI supply with permanent switch-off after 8 seconds
- Electronic over-temperature protection of the DALI supply with self-retain
- DALI supply for a maximum of 12 subscribers
- Parallel switching of up to 6 DALI control units with the option of supplying up to 72 DALI subscribers
- Switch-on brightness can be saved permanently
- Minimum brightness can be saved permanently
- Scene operation possible
- Status indication with LED
- Status feedback to radio transmitter
- DALI ballast is switchable with **Prog** button

### 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

Power consumption:	max. 2 W
Ambient temperature:	-25 ... +70 °C
DALI system voltage:	DC 16 V
Output current:	max. 24 mA
Number of DALI devices:	max. 12
Reduction of load	
Number of DALI devices over 45 °C:	max. 8
Number of control units in parallel:	max. 6
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
Radio frequency:	868.0 ... 868.6 MHz
Transmitting power:	max. 20 mW
Transmission range in free field:	typical 100 m
Receiver category:	2

