

REMOTE MONITORING SYSTEM

EM-BUS CONTROLLER

Remote Monitoring System for Self-Contained Emergency Lighting



Product description

The EM-BUS controller facilitates the local or decentral monitoring of self-contained emergency lighting units built into emergency luminaires and exit signs within a field bus network. Connected devices are regularly queried for reports on their current status as well as testing results by the controller. This allows operators of emergency lighting systems to monitor and assess the status and operational readiness of their installation at any one time.

The system's structure is conceivably simple and designed for the field bus protocols DALI and M-Bus. The user interface is very intuitive and accessible via any of the currently available internet browsers.

The controller is also available with an optional touch screen.

Technical Data

Mains voltage range	100...240 V
Mains frequency	47...63 Hz
Power consumption	20.1 W
Mains input current	max. 30 mA
Bus voltage	nominally 28 VDC
Data output	RJ45/RS485
Ambient temperature range ta	0...50 °C
Protection class	IP20
Weight	370 g
Dimensions	L 160 x B 110 x T 53 mm
Mounting	DIN rail
Communications protocol	M-BUS or DALI
Maximum numbers of connected luminaires	M-Bus: 125 luminaires per controller, 125 luminaires per bus distributor, max. 125 bus distributors, 15'625 luminaires in total DALI: 64 luminaires connected to two separate circuits, 128 luminaires in total

Properties and benefits

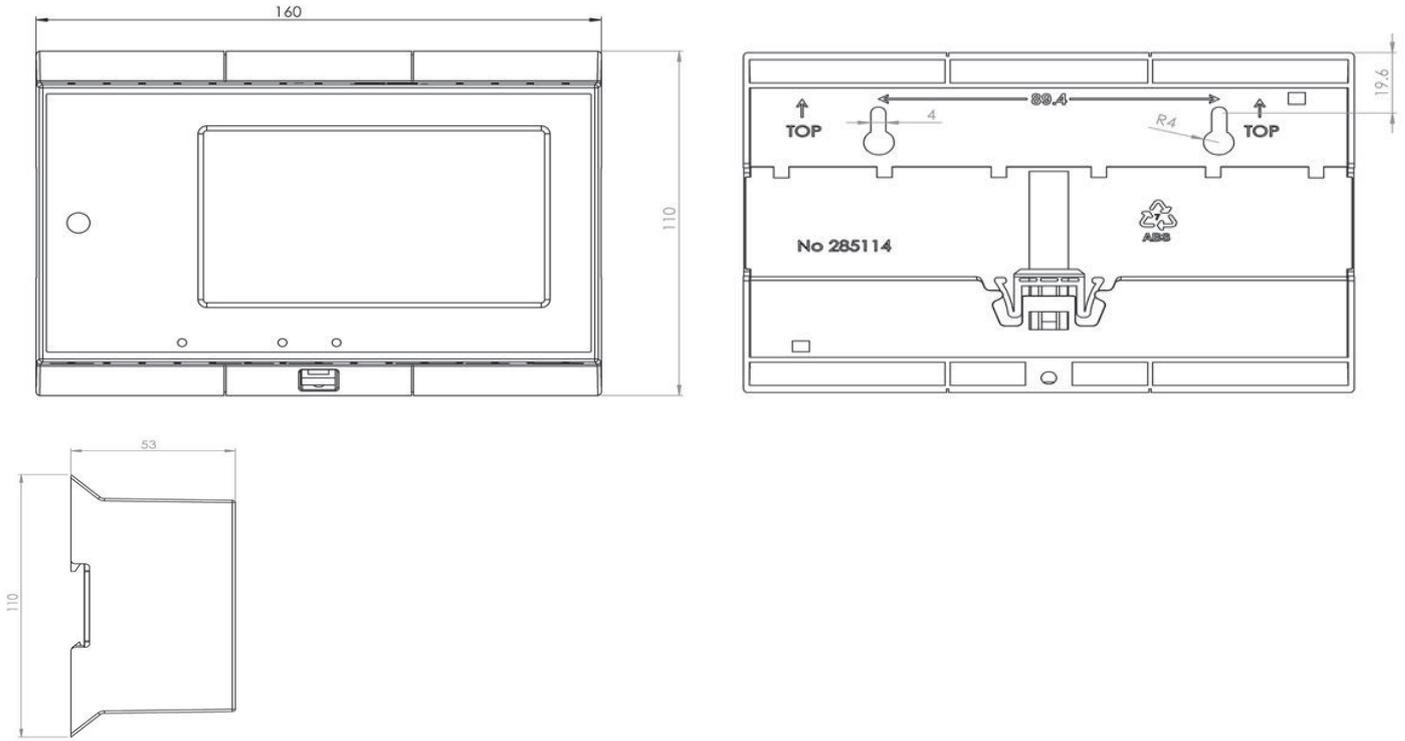
- permanent local or decentral monitoring of self-contained emergency luminaires via any off-the-shelf personal computer or mobile device
- no additional software or app required for the programming and operation of the monitoring system
- automatic system configuration
- easy introduction of additional emergency luminaires to be monitored
- reporting of all incoming site incidents in plain text and with location indication via e-mail
- automatic recording of a detailed test log of the entire emergency lighting installation
- cost savings due to automatization of statutory emergency lighting installation examinations
- unrestricted setup of self-testing time schedules
- periodic logging of site incident reports
- inhibit mode
- link-up to Building Management Systems (BMS) possible

Certification mark

- CE



Scale drawings



All information is supplied without liability. Technical data subject to change without notice.