TM TECHNOLOGIE

DATA 2 RADIO
Self-contained addressable system

PARAMETERS

Maximum number of emergency fittings via C-BRIDGE 2 RADIO	128
Maximum number of C-BRIDGE 2 RADIO	8
Max. number of emergency fittings in the system	1024

SYSTEM COMPONENTS

CENTRAL STATION

Multifunctional device with touch panel. Controls emergency luminaires. Possibility to download reports on the flash drive and preview the system status through the website.

Material	metal
Protection degree	IP30
Insulation class	I

I/O MODULE

Device enabling control of emergency lighting groups, dedicated to DATA 2, DATA 2 RADIO and TM-CB emergency lighting systems. IN input and OUT output models are available. The DATA 2, DATA 2 RADIO and TM-CB system allows the connection of up to 16 I/O modules. The address of each module is set on DiP-switches on their housing. IN SW, IN 24, IN 230 version is used to control the night lighting, fire-emergency lighting groups, fire scenarios and has 8 inputs. The output module (OUT) is used to inform about the system status. It has 8 potential-free outputs.

IN SW	potential-free input
IN 24	24 V voltage detection
IN 230	230 V voltage detection
OUT	potential-free output 400 V AC/ 250 V DC, maks. 6 A

C-BRIDGE 2 RADIO

Intermediary device for communication between the controller and DATA 2 RADIO series addressable devices. The control panel is equipped with one splitter as a standard, but optionally it is possible to connect a second signal splitter, thus increasing the maximum possible number of luminaires to 1024 .

WIRING

Communication with controller	RS 485 port
Communication with ELVIS, WWW, MODBUS TCP	LAN

*ELVIS

Emergency Lighting Visualization System
An additional facilitation in the management of emergency lighting luminaires is the software that visualizes the arrangement of luminaires on the actual plan of the building. It enables remote management and testing of emergency lighting fittings, as well as generating and downloading reports required by law.

*optional element of the system

*TM-PROG RFID

TM-PROG RFID is a programming device used to read and addresses of lighting fittings that are compliant with TM-CB A or DATA 2 /DATA 2 EASY system.

»   Programming is executed in a wireless mode that provides for operation without connecting lighting fittings to a power supply.

»   The programming device has a built-in battery that offers long operating time, and the current consumption is shown on a display.

»   The programming device has an ergonomic casing that protects the device against mechanical damage and prevents accidental slipping from the hand.

*optional element of the system