DATA2 RADIO CONTROL PANEL WB ANTHRACITE TM-MN.DR.CEN206

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Producer	**TM TECHNOLOGIE**
Application	**distributed system**
Colour/Colour - RAL	**anthracite , RAL7016**
Appliance classes	**I**
Protection degree	**IP30**
Warranty (body, electronics)	**60 months**
Net dimensions **L x W x H** [±2 mm]	**300 mm x 85 mm x 487 mm**

The **DATA 2 RADIO** system is an advanced solution for wireless monitoring of emergency lighting, designed for medium and large facilities. It enables central administration of the system from a single location, allowing the status of all components to be monitored on an ongoing basis and ensuring user safety even during power outages thanks to a built-in battery. Communication with the luminaires is wireless, using 868 MHz (Mesh) radio technology, which allows for easy installation where a traditional bus would be difficult or uneconomical.

POSSIBILITIES

Maximum number of emergency fittings in the system	**128 pcs.**
Maximum number of emergency fittings per circuit and channel	**128 pcs.**
Maximum number of substations and signal distributors	**8 pcs.**
Maximum distance between control panel and luminaire	**30 m**
C-Panel (display)	**yes**
I/O module using possibility	**yes**
Allowed topology	**mesh connection**

TELECOMMUNICATION CABLES

Telecommunication cables with appropriate fire classification and circuit integrity in case of fire (if applicable)

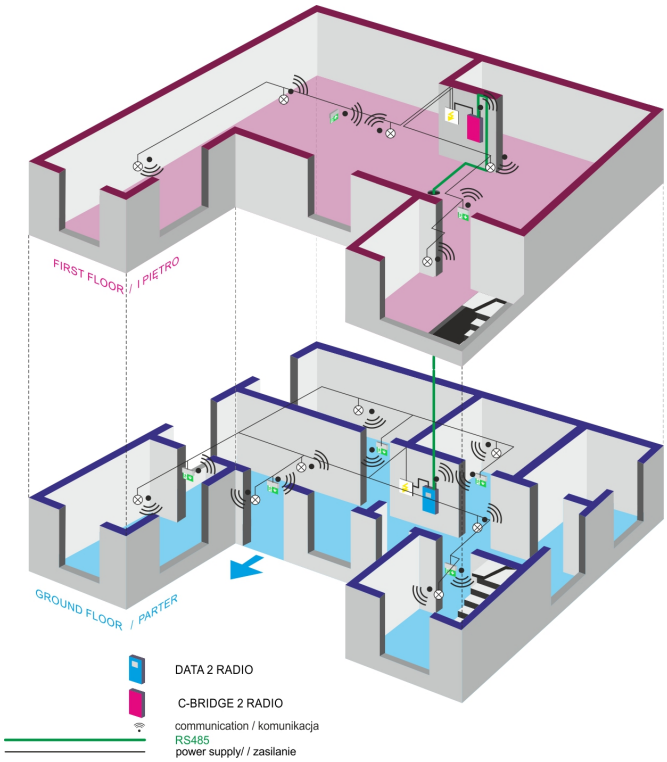
Control panel - substation|subdistribution|signal distributor cable	**1 x 2 x 0.8 mm²**
Maximum length of communication cable	**1000 m**
Maximum resistance	**75 Ω**
Maximum conductor capacitance	**140 nF/km**

POWER CABLES

Power cables with appropriate fire classification and circuit integrity in case of fire (if applicable)

AC power cable cross section	**3 x 1.5 - 2.5 mm²**
Type and cross section of luminaires power cable	**3 x 1.5 - 2.5 mm²**
Communication protocol	**TCP IP/MODBUS**

TOPOLOGY



ZESTAW ELVIS
TM-MN.ELV001

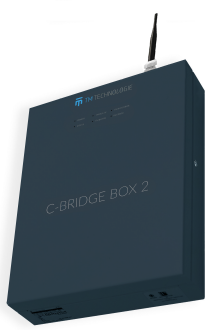


Emergency Lighting Visualisation System ELVIS

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

C-BRIDGE BOX 2 D2R WB PL
TM-MN.DR.BRD204



Signal distributor

C-BRIDGE 2 is device which intermediates in communication between control unit and addressable devices of DATA 2 series.

» for the implementation of a Wireless Connection with emergency luminaires using the Mesh technology 868MHz
» version built in the box
» the set includes battery and power supply

TM-PROG RFID CB|DATA2|DALI
TM-MN.RFID003



TM-PROG RFID is a programming device used to read and addresses of lighting fittings that are compliant with TM-CB | DATA2 | DATA2 RADIO| DATA3 | DATA3 RADIO | DALI | DALI-2 systems.

» 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.