TM.ID-Master DALI-2 - 4+4-CHANNEL CONTROL UNIT
TM-MN.DL.CEN044

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Producer	**TM TECHNOLOGIE**
Category	**systems**
Application	**distributed system**
Material	**plastic**
Colour/Colour - RAL	**grey , RAL7035**
Appliance classes	**III**
Protection degree	**IP30**
Installation method*	**DIN rail**
Warranty (body, electronics)	**60 months**
Net dimensions **L x W x H** [±2 mm]	**162 mm x 61 mm x 94 mm**

The DALI Lighting Monitoring and Control System

Control the status, configuration and managment of lighting fixtures, in particular emergency lighting - monitoring the safety and other devices with the DALI version.
This controller has an ergonomic design, adapted to the intended for installation in switch-board cabinets ensuring a minimum tightness level of IP30.

TM.ID-Master DALI-2 includes a server with a web application.

POSSIBILITIES

Supported types of luminaires	**1, 4, 5, 6, 7, 8, 19**
Supported types of sensors	**1, 2, 3, 4**
Software included	**TM.ID-Master DALI-2**
Maximum number of emergency fittings in the system	**256 pcs.**
Maximum number of emergency fittings per circuit and channel	**64 pcs.**
Maximum number of substations and signal distributors	**1 pcs.**
Maximum distance between control panel and luminaire	**300 m**
I/O module using possibility	**yes**
Allowed topology	**parallel connection, star connection**
DiiA Certyficate	**https://www.dali-alliance.org/products/8286/tmid-master44-dali-2**

TELECOMMUNICATION CABLES

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

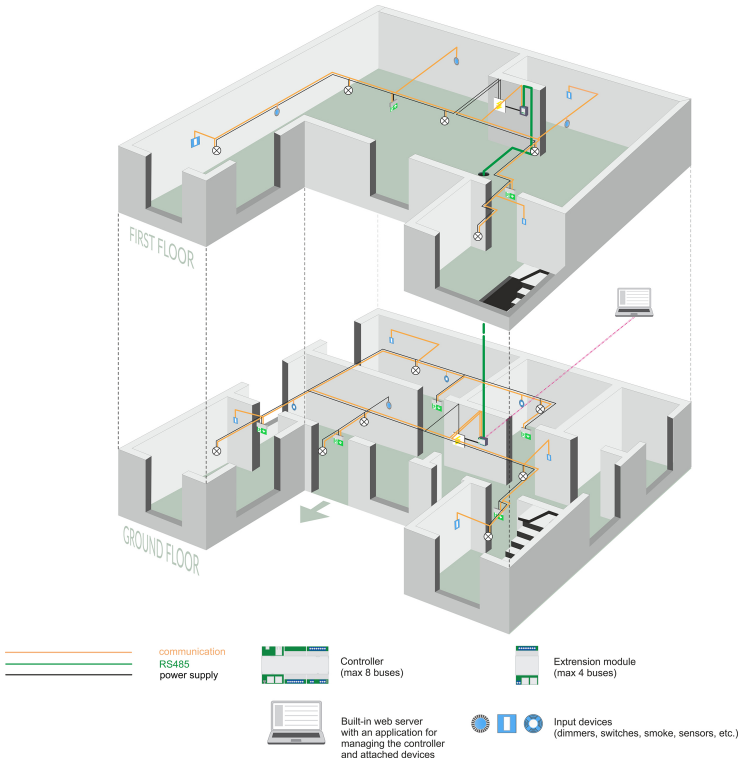
Control panel - substation|subdistribution|signal distributor cable	**RJ45, 4 x 2 x 0,5 mm mm²**
Maximum length of communication cable	**1000 m**
Maximum resistance	**75 Ω**
Maximum conductor capacitance	**140 nF/km**

POWER CABLES

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

AC power cable cross section	**0,14 - 2,5 mm²**
Communication protocol	**DALI-2, TCP IP/MODBUS**

TOPOLOGY



METAL HOUSING WITH GLAZING
TM-MN.DL02PD



Provides IP30 protection degree

» material: metal
» glazing: made of PMMA

** The case can be used to hold a control unit and two DALI-2 bus power supplies or six DALI-2 bus power supplies.*

TM.ID-Extension4 DALI-2
TM-MN.DL03



Extension module | Expanding the number of buses

» the module requires a 12 V power supply, which is included in the set
» the device has four buses compliant with the IEC 62386 DALI standard*
» mounting: DIN rail

**Each bus requires an individual bus power supply compliant with the IEC 62386-101 standard.*