

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

TM-MN.DL.CEN044

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No: 3825



No: 5665/2025
Valid until:
19.02.2030



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No: 8286



No: 3825



No: 063-UWB-0693
Valid until:
19.02.2030



No: TM.ID-01/25



No: V1.06



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 management 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 Certificate	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

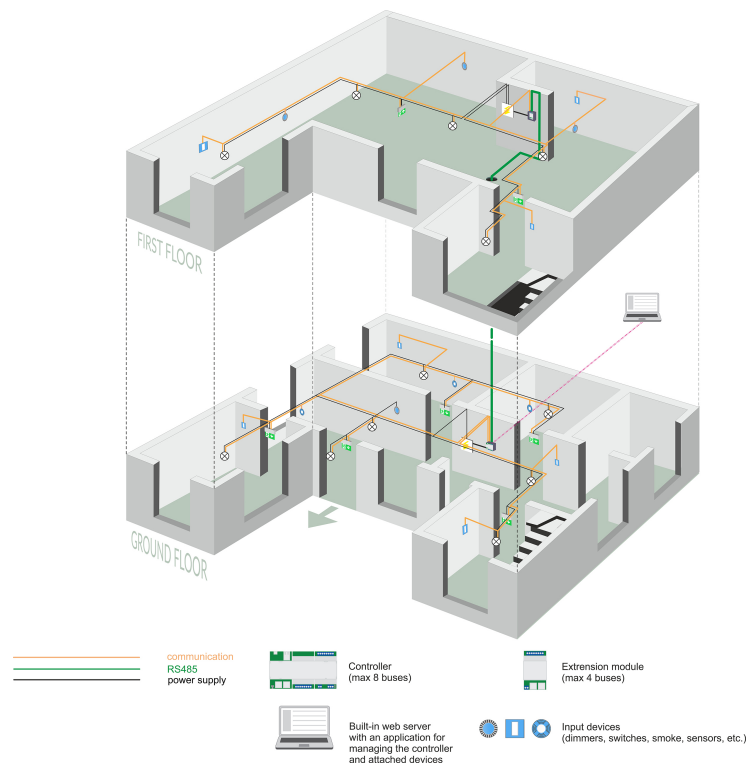
POWER CABLES

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
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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.