

TM.ID-MASTER4+4 DALI-2 LIGHTING CONTROL AND MONITORING UNIT

TM-MN.DL.CEN044



No: 3825



No: 5665/2025
Valid until:
19.02.2030



No: 3825



No: 8286



No: 3825



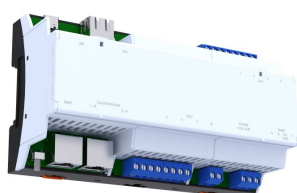
No: 063-UWB-0693
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No: TM.ID-01/25



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 |

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 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 |

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.

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 mm ² |
| Maximum length of communication cable | 1000 m |
| Maximum resistance | 75 Ω |
| Maximum conductor capacitance | 140 nF/km |

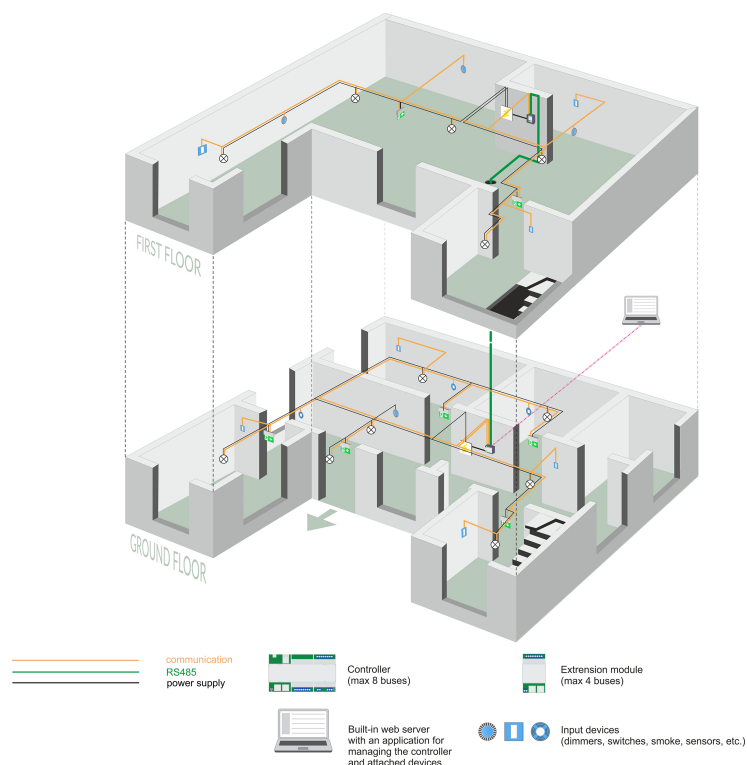
POWER CABLES

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

| | |
|------------------------------|----------------------------|
| AC power cable cross section | 0,14 - 2,5 mm ² |
|------------------------------|----------------------------|

| | |
|------------------------|-----------------------|
| 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.