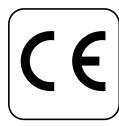


TM.ID-MASTER4+4 DALI-2 LIGHTING CONTROL AND MONITORING UNIT

TM-MN.DL.CEN044



No: 3825



No: 5665/2025
Valid until:
19.02.2030



No: 3825



No: 8286



No: 3825



No: 063-UWB-0693
Valid until:
19.02.2030



No: TM.ID-01/25



No: V1.06



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.

Producer
Category
Application
Material

Colour/Colour - RAL

Appliance classes

Protection degree

Installation method*

Warranty (body, electronics)

Net dimensions **L x W x H** [±2 mm]

**TM Technologie
systems**
distributed system
plastic

grey , RAL7035

III

IP30

DIN rail

60 months

162 mm x 61 mm x 94 mm

POSSIBILITIES

Supported types of luminaires

Supported types of sensors

Software included

Maximum number of emergency fittings in the system

Maximum number of emergency fittings circuit and channel

Maximum number of substations and signal distributors

Maximum distance between control panel and luminaire

I/O module using possibility

Allowed topology

DiiA Certyficate

1, 4, 5, 6, 7, 8, 19

1, 2, 3, 4

TM.ID-Master DALI-2

256 pcs.

64 pcs.

1 pcs.

300 m

yes

parallel connection, star connection

<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

Maximum length of communication cable

Maximum resistance

Maximum conductor capacitance

RJ45, 4 x 2 x 0,5 mm mm²

1000 m

75 Ω

140 nF/km

POWER CABLES

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

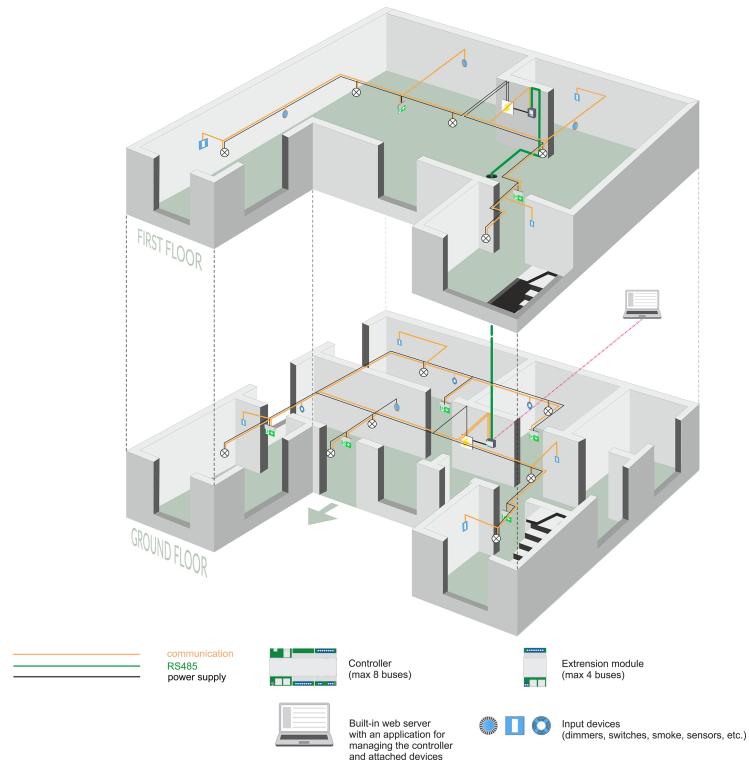
AC power cable cross section

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.*