

AXPL98DM1

Pluggable Addressable DALI Output, 8 Input LCM - One Part Fixing

Key Features

- Software programmable (accommodates building tenant changes)
- Compatible with occupancy & absence sensing, daylight sensing and timed override for energy conservation and carbon reduction
- Low profile (61mm) for use in restricted ceiling voids
- A single DALI Bus provided to nine output sockets
- Four RJ11 inputs for connection of occupancy, absence, daylight and combined sensors
- Four sockets to accept terminal connections (for wall switches)
- Emergency lighting testing with optional feedback
- Multiple Scene Setting
- 1 part fixing type
- 2 part fix option also available (Base plate ordered separately)

Overview

The Greengate Pluggable DALI LCM offers all the benefits of the Greengate Pluggable LCM and distributes a fully addressable DALI Bus across 9 outputs providing:

DALI features include:

- Ballast detection
- Lamp error signal
- Sub-addressing capability
- Broadcast addressing capability
- Full digital control over the lighting range including off
- Fade processing support
- Ballast "Persistent Memory" programming

Where connection is to a DALI emergency ballast using the extended DALI emergency protocol, monitoring of lamp failure, battery failure and ballast failure is also available

In addition these units have 8 sensor inputs as standard.

This single fix version is ideal for use in structured wiring applications. The two part module, also available, may be used in conventional wiring applications

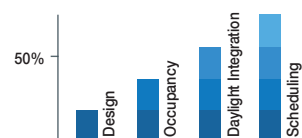
Each LCM is software upgradeable, no additional cards or equipment need be purchased.



Code Compliance

- Improves BREEAM & LEED scoring for building sustainability.
- Contributes to energy reduction targets under Climate Change Levy (CCL) and Carbon Reduction Commitment (CRC).
- Qualifies for Enhanced Capital Allowance (ECA) applications.
- Delivers lighting control requirements under UK Building Regs - L2a & L2b and BRE: 498.

Achievable Energy Savings



Powering Business Worldwide

Suitable For

Cellular office
Open plan office
School classroom
Lecture theatre
Retail complex
Public library
Sports hall
Airport terminal
Hospital wards
Factory production area
Workshops
Corridor & staircases
Foyer & atriums
Plant room
Storeroom
Consulting room
Meeting room

Additional Features

Internal LED Indicators
For ease of maintenance, showing network status and power supply status

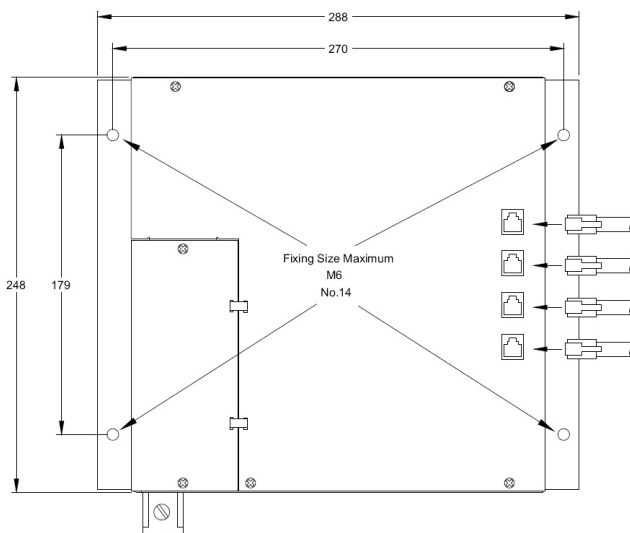
Reduced Inrush
Two second delay time between individual outputs at power-up

Program Port
For software upgrade or introduction of bespoke program

Outputs
Nine outputs distributing a common DALI bus.

Emergency Test
This unit is designed for use with DALI EM PRO emergency ballasts. Please contact Cooper Controls for compatibility with other types of emergency ballast.

Dimensions



Technical Information

Construction: Folded galvanised steel enclosure

Dimensions: 288 x 248 x 50mm (L x W x H)

Fixing:
Single fix, installed as part of pre-fabricated wiring system utilising 'T' pieces - 4 x M6 at Centres 179 x 270mm (L x W)

Also available as a dual fix option, (AXPL98DH1) for conventional wiring situations, utilises a separate base unit for power and bus wiring. Lid introduced as a second fix item.

Weight: 2.5Kg

Temperature: 0 to 45°C (non condensing) IP20

Supply: 230V~AC 50Hz single phase

Max output per LCM: 16A

Max output: 4A per channel, 5A per group

Channel groups: 1-3, 4-6, 7-9

Max emergency: 5A

Max LCM input load: 40 mA

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