

# AXPL98DM1P

## Pluggable Pre-Addressed 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
- Separate DALI Bus lines are provided to each of the 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 Pluggable Pre-Addressed DALI LCM offers all the benefits of the conventional pluggable LCMs and additionally provides pre-addressed DALI over 9 outputs.

With a pre-addressed approach, there is no need to sub-address DALI light fixtures on site, saving significant time and labour.

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 1 maintained output is provided for emergency lighting. These units also have 8 sensor inputs as standard.

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

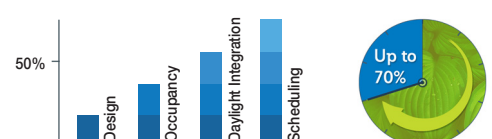
Each LCM is software upgradeable, no additional cards or equipment need be purchased.



### 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

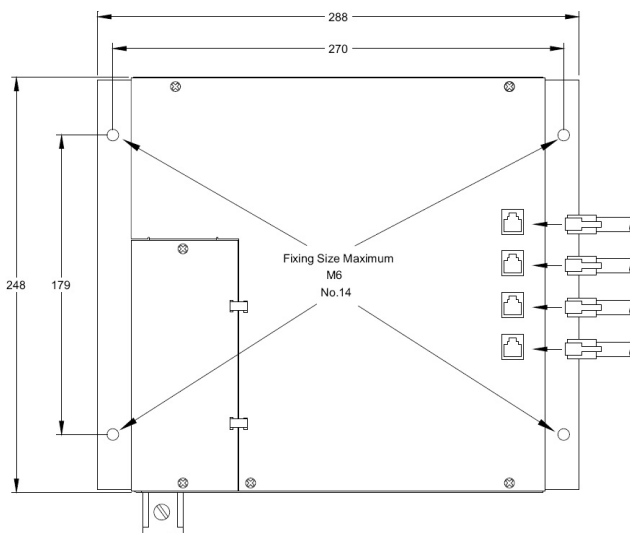
Reduced Inrush  
Two second delay time between individual outputs at power-up

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, (AXPL98DH1P) 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

Outputs: Supports a maximum of two DALI ballasts and one emergency ballast per output.

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

## Contact your local Eaton office

20 Greenhill Crescent, Watford Business Park,  
Watford, Herts, WD18 8JA. UK  
T: +44 (0)1923 495495 F: +44 (0)1923 228796  
E: [info@greengatecontrols.co.uk](mailto:info@greengatecontrols.co.uk) [www.greengatecontrols.co.uk](http://www.greengatecontrols.co.uk)

**Eaton Industries Manufacturing GmbH**  
Electrical Sector EMEA  
Route de la Longeraie  
71110 Morges, Switzerland  
[Eaton.eu](http://Eaton.eu)

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