



AXPL98DM1

Pluggable Addressable DALI Output, 8 Input
Lighting Control Module - One Part Fixing

Key Features

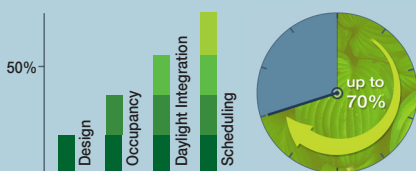
- Software programmable (accommodates building tenant changes)
- Compatible with occupancy & absence sensing, daylight sensing and timed override for energy conservation and carbon reduction
- Low profile (61mm) for use in restricted ceiling voids
- A single DALI Bus provided to nine output sockets
- 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)

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



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:

- 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.

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

LED Indicators:

For ease of maintenance, showing output status, 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.

Technical Information

Construction: Folded galvanised steel enclosure

Dimensions:

Single fix module - 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

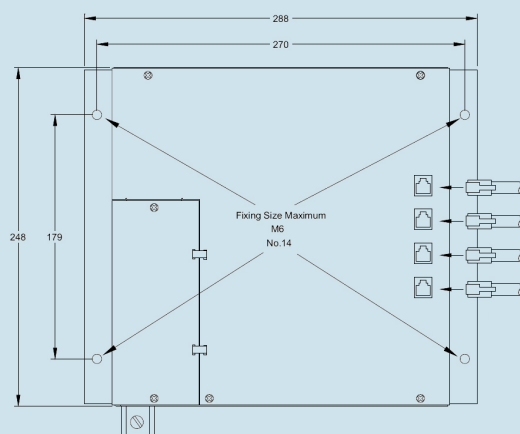
Max output: 4A per channel, 5A per group

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

Max emergency: 5A

Max LCM input load: 40 mA

Dimensions



Voltage



100V



230V NON CE



120V



277V



230V CE



347V



Standards



This product conforms to one or more of the above standards.
 Please contact your local Cooper Controls representative for further information.

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