



AXPL98ATDM

9 Outputs, 1 Emergency, 8 Inputs
Pluggable Lighting Control Module – Single Part Fix

Key Features

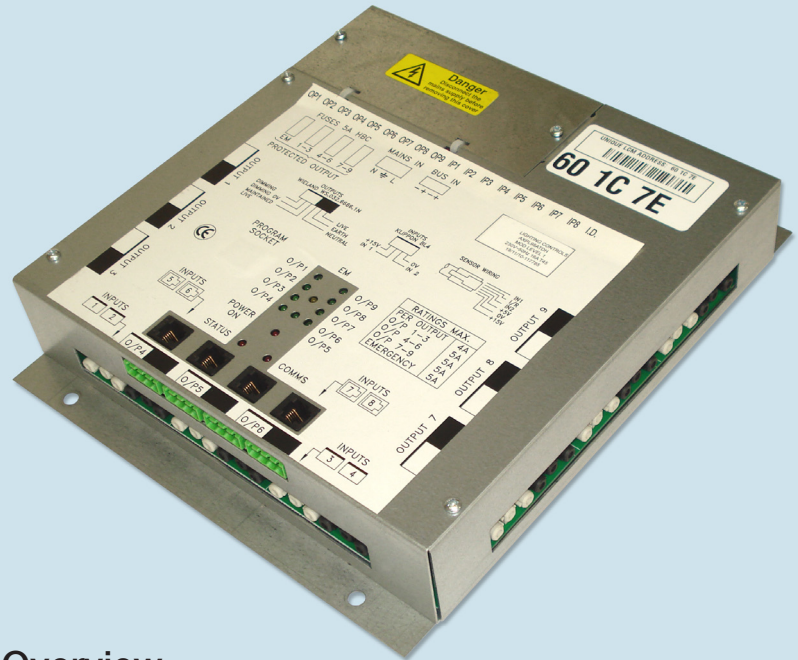
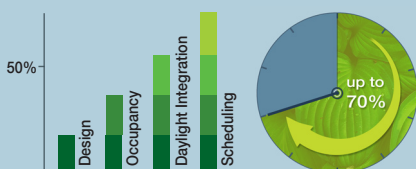
- Software programmable (accommodates building tenant changes)
- Compatible with occupancy & absence sensing, daylight sensing and timed override for energy conservation and carbon reduction
- Low Profile (61mm) for use in restricted ceiling voids
- Nine outputs software configurable to 0-10V, DSI or DALI
- Four RJ11 inputs for connection of occupancy, 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

Surface mounted pluggable LCMs have 9 individually configurable and dimmable outputs for analogue or digital luminaires. In addition 1 maintained output is provided for emergency lighting. These units also have 8 sensor inputs as standard.

Pluggable LCMs are usually distributed throughout the building to allow local connection of light fittings and sensors, when used together with Greengate Area Controllers they create a flexible, networked, lighting control solution. Groups of luminaires and sensors or switches may be created and then controlled on the basis of occupancy, absence, daylight level or user override. Such groups and their function may be easily reconfigured in software to accommodate partitioning changes or changes to the working environment.

The unit is provided in a single-fix format, only for use with structured wiring installations.

A two-part version is available comprising of a base plate and electronics, for use in conventional wiring applications. Mains and bus connections are made to the base plate as part of the first electrical fix, the electronics module being added at a later stage.

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
 Storeroom

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.

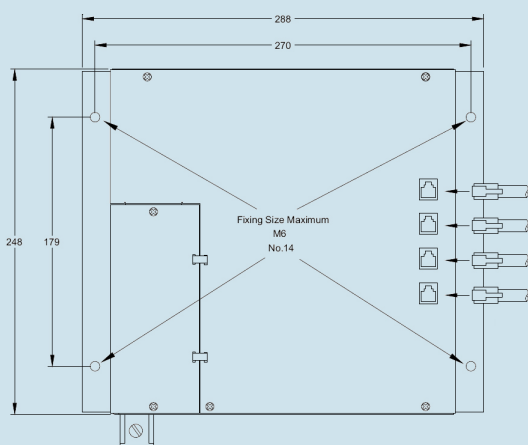
Outputs:

Nine outputs individually switchable, configurable and dimmable between 1-10V analogue or Digital dimming (LCM may be configured to digitally dim DSI or Broadcast-DALI luminaires)

Emergency Test:

Options for mains failure simulation or emergency feedback (in conjunction with optical or current sensors). Tests may be zoned to the user's requirements and may be instigated from a PC, key switch or on a timed basis).

Dimensions



Technical Information

Construction: Folded galvanised steel enclosure

Dimensions:

288 x 248 x 55mm (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, (AXPL98ATDH) for conventional wiring situations, utilizes 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

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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