AXDN22ATDH

DINrail Mount 2 Output, 1 Emergency, 2 Input LCM

Key Features

- Compact DINrail design for installation in centralised panels or distributed enclosures.

- Software programmable (accommodates building tenant changes)

- Compatible with occupancy & absence sensing, daylight sensing and timed override for energy conservation and carbon reduction

- Two feed through terminal outputs software configurable to 0-10V, DSI or DALI (Broadcast)

- Two terminal inputs for connection of wall switches, occupancy, absence, daylight and combined sensors

- A single emergency output providing emergency lighting testing with optional feedback

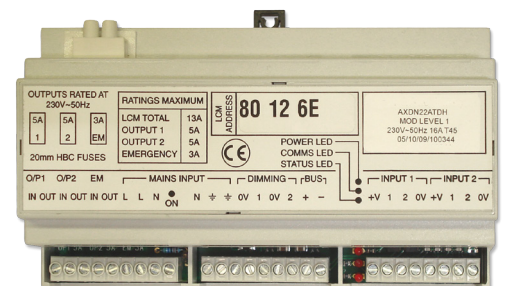- Multiple scene setting

Overview

DINrail mounting LCMs have 2 volt free (feed through) individually configurable and dimmable outputs for analogue or digital luminaires. In addition 1 volt free (feed through) output is provided for emergency lighting. These units also have 2 sensor inputs as standard.

DINrail LCMs are ideal for use in areas where the electrical installation is fixed or where the use of centralised panels of controllers is appropriate. When used together with Greengate Area Controllers, the units 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.

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

This LCM may also be mounted in a steel enclosure (ordered separately) for mounting within a distributed LCM network. Order Code: MTG22DN1
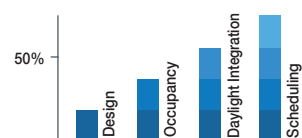
An additional 8 input DINrail mounting device is also available for expansion. Order Code: AXDN08SH

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.
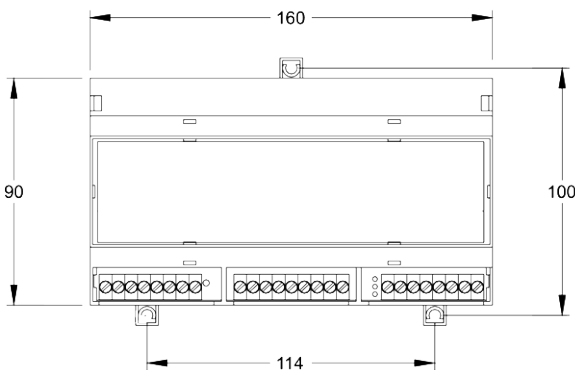- Delivers lighting control requirements under UK Building Regs - L2a & L2b and BRE: 498.

Achievable Energy Savings

Design | Occupancy | Daylight Integration | Scheduling

Up to 70%

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Suitable For

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

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
Two 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 DALI emergency ballasts/inverters or optical current sensors). Tests may be zoned to the user's requirements and may be instigated from a PC, key switch (For mains failure simulation) or on a timed basis

Dimensions

Technical Information

Construction: Plastic housing UL94 V0 rated

Dimensions: 160 x 90 x 58mm (L x W x H)*

Fixing: 35mm DINRail mounting or panel mount with 3 x 3.5mm diameter at centres 114 x 100mm (L x W)

Weight: 665g

Temperature: 0 to 45°C (non condensing)

Electronics Supply: 230V~AC 50Hz single phase

Controlled Feed Through Supplies:
5A + 5A + 3A - 13A total (single phase)

Max Emergency Load: 3A

Max per Dimmable Output: 5A

Max LCM Control Input Load: 20 mA

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