AXHW48ATDH

4 Outputs, 1 Emergency, 8 Inputs Hardwired LCM

Key Features

- Software programmable (accommodates building tenant changes)
- Compatible with occupancy & absence sensing, daylight sensing and timed override for energy conservation and carbon reduction
- Four feed-through outputs software configurable to 0-10V, DSI or DALI (Broadcast)
- Four internal RJ11 inputs for connection of occupancy, absence, daylight and combined sensors
- Four internal sockets to accept terminal connections (for wall switches)
- Emergency lighting testing with optional feedback
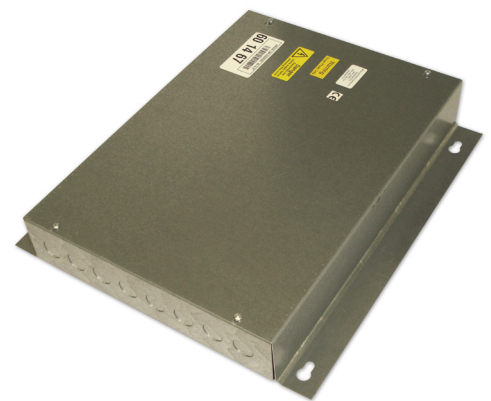- Multiple scene setting

Overview

Surface mounted hardwired LCMs have 4 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.

Hard Wired LCMs are ideal for use in areas where the electrical installation is fixed or where circuit loads are larger, for example corridors, stairwells, lift lobbies, etc. Used in conjunction with Area Controllers, network systems may be logically laid out on an area, floor or whole building basis. 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.

When sensors are connected to the system their operation may be defined within the system control software to control individual or groups of fittings on the basis of presence and / or daylight linking for an integrated lighting control system.

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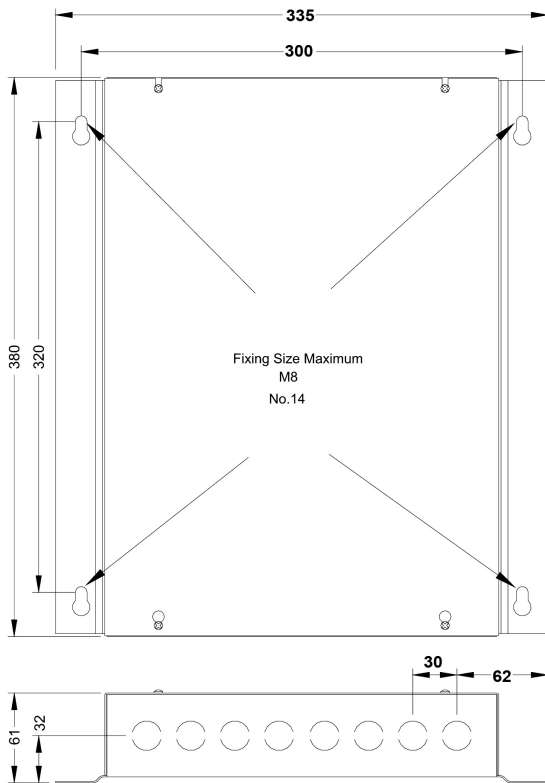- Delivers lighting control requirements under UK Building Regs - L2a & L2b and BRE: 498.

Achievable Energy Savings

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Suitable For

Lift lobbies
Corridors
Stairwells
Plant rooms
Foyers and atria
Storerooms
Workshops and factory areas

Dimensions

Fixing Size Maximum
M8
No.14

335
300
380
320
30
62
61
32

Additional Features

Internal 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
Four 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)

Technical Information

Construction: Folded Galvanised Steel Enclosure

Dimensions: 380 x 335 x 61mm (L x W x H)

Fixing: 4 x 8mm diameter at centres 320 x 300mm (L x W)

Weight: 2.8Kg

Temperature: 0 to 45°C (Non Condensing)

Supply: 230V~AC 50Hz Single Phase

Single Phase unit supporting up to four feed through supplies

(Max 8A per supply)

Max Output per LCM: 16A

Max per Output: 8A

Max Emergency: 3A

Max LCM Input Load: 40mA

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