

Key Features

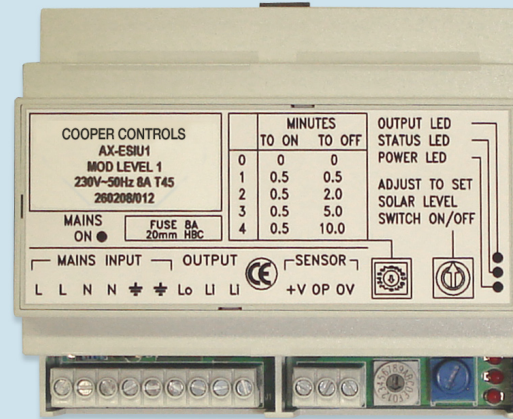
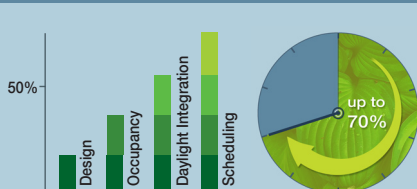
- Hysteresis period and threshold level adjustable on interface module, eliminating the need to access externally mounted sensor.
- LED Indicators
- Single volt free output
- Internally fused

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

This stand alone external daylight sensor interface module switches artificial lighting when ambient light passes a user-set threshold level. Used in conjunction with the external daylight sensor (AX-ELS1) it is ideal for use in simple non-network applications where the sensor is remotely positioned or difficult to access. Uses include: Carparks, facades, landscape lighting, exterior public lighting, station platforms, loading bays etc.

Sensor operation adjustments are made on the interface eliminating the need to access the externally mounted sensor. Adjustments include:

- Hysteresis period - 5 settings available from 0 to 10 minutes.
- Threshold - potentiometer sets solar threshold level to switch lights on/off

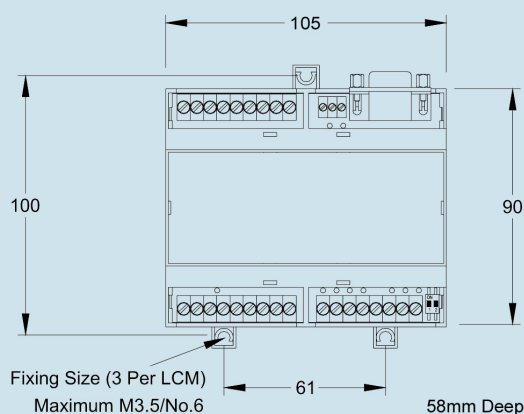
This unit includes a single volt free output for direct switching of up to 8A of lighting or contactor coils. It is internally fused at 8A.

DINrail mounted as stand with optional steel enclosure: MTG22DN1.

Suitable For

Carparks
 Facades
 Landscape lighting
 Exterior public lighting
 Station platforms
 Pathway lighting
 Loading bays

Dimensions



Technical Information

Construction: Plastic housing UL94 V0 rated

Dimensions: 105 x 90 x 58mm (L x W x H)*

Fixing: 35mm DINrail mounting or panel mounted with 3 x 3.5mm diameter at centres 60 x 100mm (L x W)

Weight: 270g

Temperature: 0 to 45°C (non condensing)

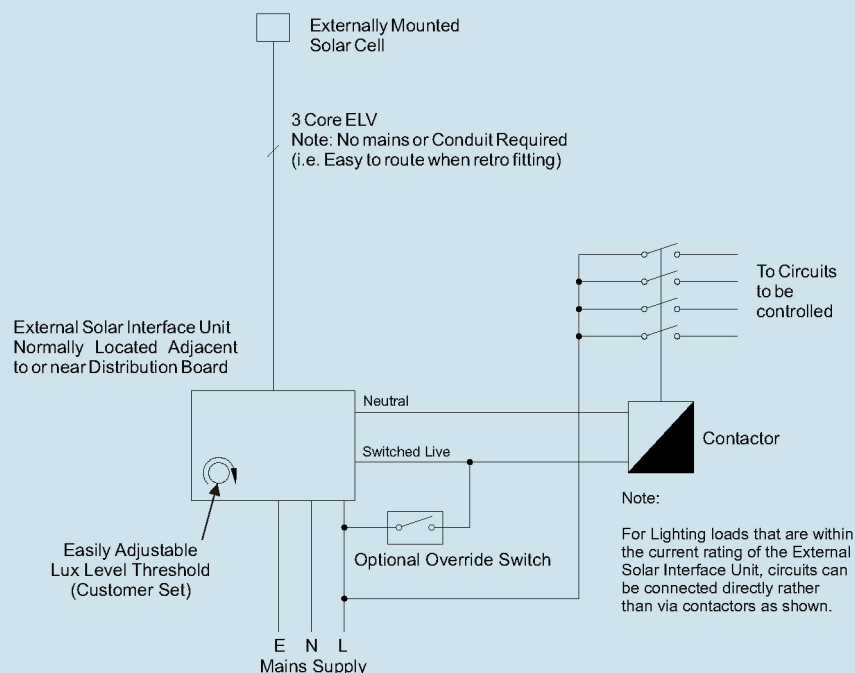
Supply: 230V~AC 50Hz single phase

Max Output: 230V~AC 8A

Max Sensor Input Load: 15 VDC 20 mA

* This interface may also be mounted in a steel enclosure (ordered separately).
 Order Code: MTG22DN1

Typical Connection Diagram



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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