

Mechanical Data

Weight: 3.8 kg
Material: Sheet steel
Surface Treatment: RAL9016 powdercoat
Door: Lockable steel hinged door
Mains Cable Access
 6 x 25.5mm/M25 knockout &
 1 x 38.3mm/PGx knockout

Control Cable Access
 1 x 25.5mm/M25 knockout

Terminal Sizes
 Neutral: 2 x 25mm² & 13 x 16mm²
 Earth: 2 x 25mm² & 13 x 16mm²

Climate Range
Temperature: +2°C to +50°C
Humidity: +5 to 95% non condensing

Ratings
Ingress Protection: IP20
Impact Resistance: IK07
In accordance with: IEC 62208:2011

Electrical Data

Supply: 230 volts +/- 10% 50/60 Hz
Protection: 6A MCB
Integral iLight Network Power Supply: 15V 500mA
Terminal Size: Neutral: 2 x 25mm² & 13 x 16mm²
 Earth: 2 x 25mm² & 13 x 16mm²
 iCANnet™ cable size: 5 x 1mm²
 Power cable size: 2 x 1mm²

Installation: Installation must be carried out by a suitably qualified electrician.

Control Data

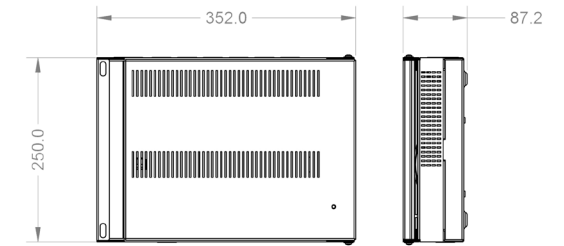
Control: Via iLight network connection or Ethernet
Recommended Network Cable:
 iCANnet™ Network Cable
Programming: Via Device Editor software

EN1-EG2S

iLight Network - Ethernet Gateway Control Enclosure



Dimensions



Overview

The EN1-EG2S provides Ethernet connectivity to the iCAN network for integration into our software services as well as providing API integration for third-party systems.

EN1-EG2S incorporates an intelligent bridge function which allows multiple systems to be joined over a secure Ethernet network opening up the capabilities of the iCAN system to cover multi-campus installations across the globe giving building and business owners connectivity to their systems from anywhere in the world.

The compact design of EN1-EG2S delivers system flexibility as well as reducing installation costs and space used. Being part of the iLight system, it can be seamlessly integrated into flexible lighting schemes with any type of lighting load for commercial, architectural and residential applications.

The knockouts to the top of the enclosure have been designed to line up with any of the original iLight source controllers making replacement quick and easy in a retrofit environment.

A dedicated knockout is provided for iCANnet connection to the EN1-EG2S and several accessories are available to aid the installer in connection of the iCANnet™ network.

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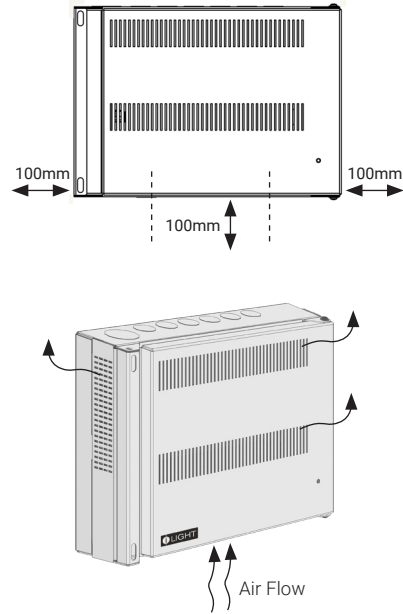
Location

Control cabinets must be located in a dry, well ventilated location where the ambient temperature is within the range of +2°C to 50°C (humidity of +5 to +95% non-condensing).

The EN Series are designed to be mounted vertically on a suitable surface, capable of supporting the weight of the populated assembly. It is important to orientate the unit correctly to allow for effective airflow for ventilation.

It is recommended to leave 100mm distance between the control cabinet and walls or other equipment underneath and either side of the unit.

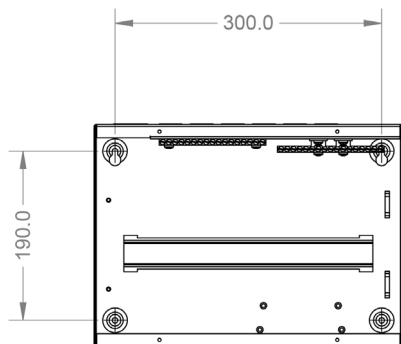
The EN series accommodate most common forms of cable management. Care should be taken not to obscure any ventilation grill on the enclosure.



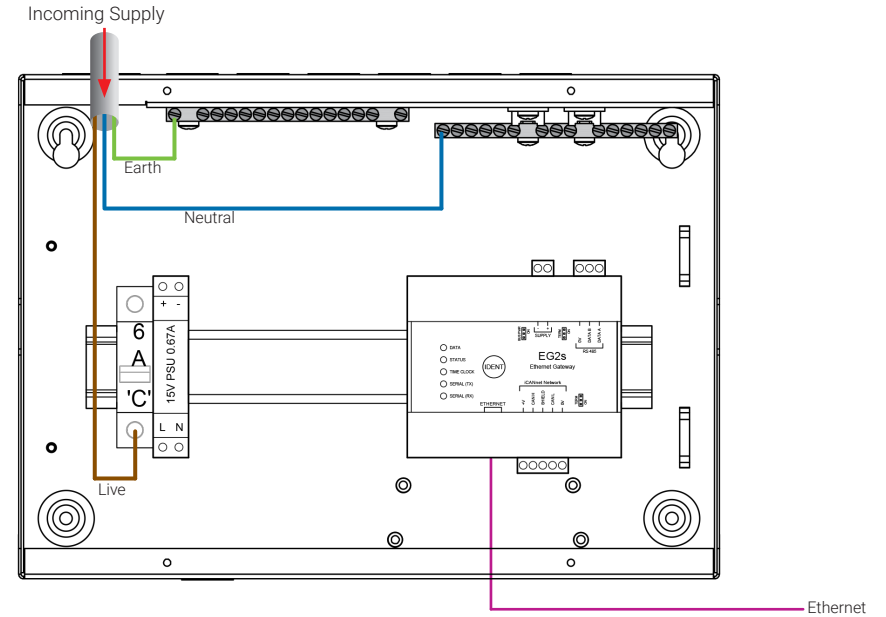
Mounting

Before mounting the cabinet to the wall, the cover will need to be removed. There are 4 screws behind the hinged door which, when unscrewed, allow the cover assembly to be removed.

In the rear section of each cabinet, there are 4 fixings holes, each accommodating up to 6mm diameter fixings. The top holes are 'key slot' design enabling the cabinets to first be hung and then secured onto place using the 2 lower fixings.



Supply and Control Wiring



Accessories

ENACC-LND-INT - iCANnet Landing Card



ENACC-PRG-INT - iCANnet Programming Port and RJ12 lead



The optional landing card provides connection of the iCANnet Network to the internal panel network. M4 Threaded posts are provided as standard to support the installation of this optional card.

The card can then be connected to the optional RJ12 programming port via an RJ12 lead to provide external connection to the network for programming and maintenance.

