MPM2400

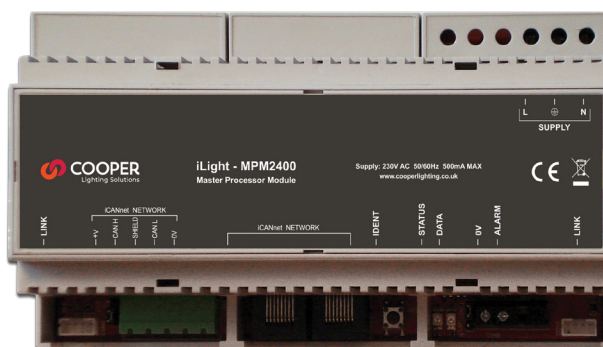## Primary Processor Module DINrail Mount

Key Features

- Control unit and power supply for iCAN DINrail mount power dimming, switching and HF units
- Can control up to 24 channels of mixed dimming and switching
- Intelligent controller that can store up to 128 lighting scenes
- Programmed with iCANsoft™ which automatically identifies all switching and dimming units connected for simple network configuration
- Connects into iLight iCANnet™ network and can be used with all standard iLight control panels, interfaces, etc.
- Configuration stored in Non Volatile EEPROM
- Firmware storage in reflashable FLASH memory over iCAN network
- Configurable start up mode
- DINrail mount with lugs for wall mounting if required
- Circuit protection installed separately as required
- CE compliant to all relevant standards
- Designed and manufactured to ISO9001:2015 standards

Overview

This iCAN DINrail mount Primary Processor Module provides both control signals and power for iLight's range of iCAN DINrail mount power dimmer and switching units (SCM series products). This unit links to these power units with a short serial control cable that loops between the power units within the distribution board.

The controller manages a maximum of 24 channels that can include a mixture of SCM series leading edge dimming, power switching or HF controllers.

The MPM2400 includes a 128 scene integral memory and offers multiple control options to meet the most demanding specifications.

The Controller connects into the iCANnet™ network making it capable of being linked with a virtually limitless number of other iLight products to build up to any size of system.

This product is designed for projects where there are multiple channels of architectural lighting. It is the perfect choice for applications where lower power dimming is required such as residential applications, hotel suites, offices and applications requiring power switching.

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Mechanical Data
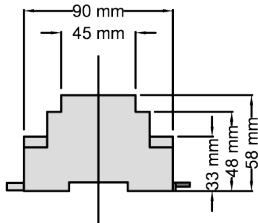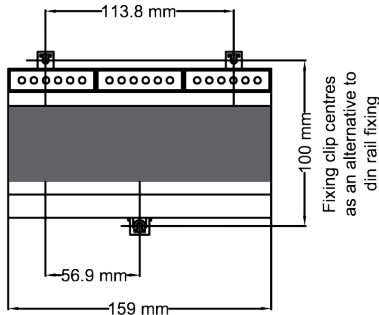
Weight: 1 kg

Operating temperature: +2ºC to +40ºC

Note: All enclosures must be adequately ventilated

Max storage temperature: +60ºC

Humidity: +5 to 95% non-condensing

Environmental protection: IP20

Dimensions

Electrical Data

Supply: 1A 230 volts -/+ 10%, 50/60 Hz

Incoming terminals: max' cable size: 2.5mm2

Supply protection: Provided by installer - Use 6A or less.

Output: 2 connections for serial link to dimming and switching units.

Compatibility with:

SCMI0402, 4 x 2A inductive dimmer

SCMS0410, 4 x 10A relay switching unit

SCMS0810, 8 x 10A relay switching unit

SCMH0410, 4 x 10A relay + 4 x 1-10V HF ballast controller

SCMC0410, 4 x 10A change over relay & HF controller

Note: SCMA, SCMR and SCMD do not require MPM2400 and sit directly on the iCANnet™ network
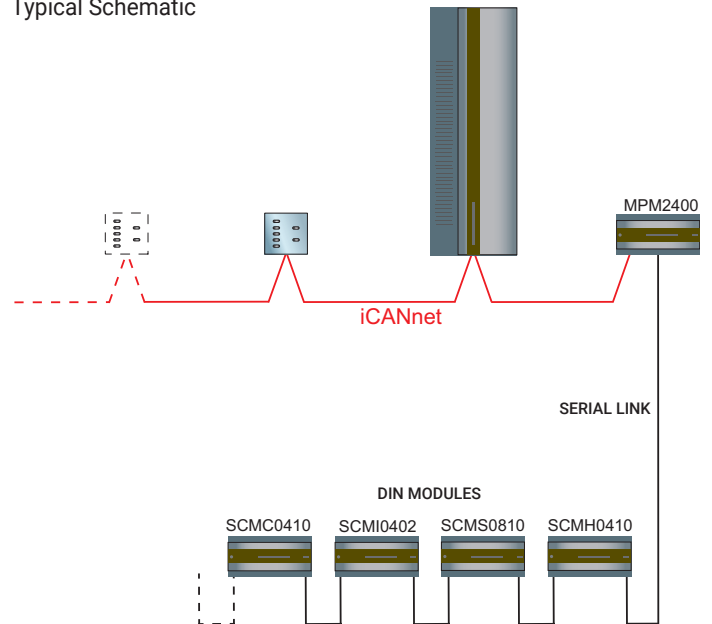
Inputs:

2 x RJ45 for iCANnet™ network

1 x 5way screw terminal for iCANnet™ network

Alarm input

Typical Schematic

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bsi. ISO 9001:2015 Quality Management
FM 664349