SCMH1200

iCANdin - 12 Channel DINrail Mount HF Controller

Key Features

- 12 channel device
- 1-10V, 0-10V, DSI and DALI outputs
- 128 scene memory
- Connects to the iLight network via screw terminals
- Fail to full safety feature
- iLight iCANnet™ network inputs
- Panic/Fire alarm input
- Future proof with FLASH memory
- CE compliant to all relevant standards
- Designed and manufactured to IS09001:2008 standards

Overview

This SCMH1200 is a DINrail mount 12 channel HF ballast controller. Each channel may be configured to provide 1-10V or 0-10V control for analogue devices or DSI or broadcast DALI ballast control.

With iLight network connectivity, it has the capability of being linked with a virtually limitless number of other iLight products to build up to any size of system.

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Mechanical

Weight: 0.35kg

Operating temperature: +2ºC to +50ºC

Note: All enclosures must be adequately ventilated

Max storage temperature: +60ºC
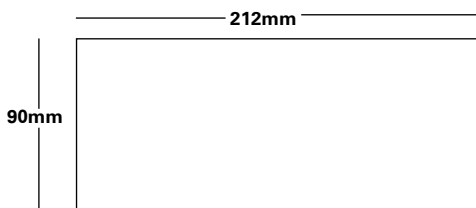
Humidity: +5 to 95% non-condensing

Environmental protection: IP1X

Installation: Installation must be carried out by a suitably qualified electrician and installed in a suitable DINrail enclosure.

Software

For programming SCH1200, Device Editor V2.11.1 or later is required (Packaged with iCANsoft V3.1.7 or later)

Dimensions

212mm

90mm

58 mm

Electrical

Maximum Load: There is no load control. Power switching is achieved by the DSI / DALI ballasts themselves.

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

Load Types:
DALI HF Fluorescent Ballast (broadcast DALI only), 80 per channel do not exceed 500 ballasts in total.
Tridonic DSI HF Fluorescent Ballast, 80 per channel
0-10V control, 100mA source current
1-10V control, 100mA sink current

Switched Relay Outputs: None
Use: SCMH0410 for relays and low voltage control
SCMR1232 for feed through (latching) relays
SCMC0410 for change over (latching) relays and low voltage control.

Terminal Sizes:
Incoming supply, max' cable size: 2.5mm^2
Ballast output, max' cable size: 2.5mm^2 per terminal
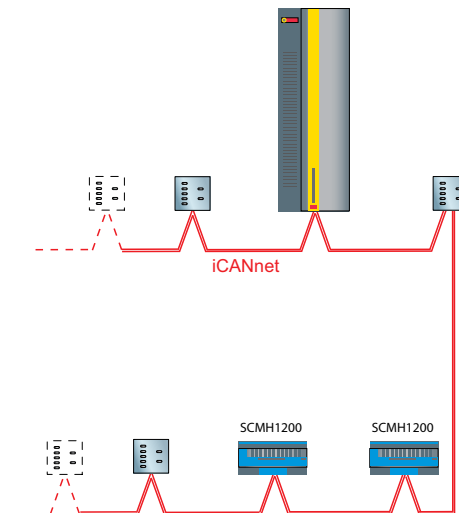iCAN network cable type: Belden 1502 or equivalent

Memory:
FLASH memory to be able to upgrade firmware
EEPROM for 128 scene memory
Fade Times: 0.1 seconds to 60 minutes

Typical Schematic

iCANnet

SCMH1200   SCMH1200

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