SCMH1200
12 Channel DINrail Mount Digital Dimming Controller

Key Features
- 12 channel device
- Broadcast DALI, DSI or 1-10V control
- 128 scene memory
- Connects to the iLight network via screw terminals
- Fail to full safety feature
- iLight iCANnet™ network inputs
- DALI in (12 address DALI end device)
- Future proof with FLASH memory
- CE compliant to all relevant standards
- Designed and manufactured to ISO9001:2015 standards

Overview
This SCMH1200 is a DINrail mount 12 channel digital dimming controller. Each channel may be configured to provide Broadcast DALI, DSI or 1-10V 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.
**Mechanical**

- **Weight:** 0.35kg
- **Operating temperature:** +2°C to +50°C
- **Max storage temperature:** +60°C
- **Humidity:** +5 to 95% non-condensing
- **Environmental protection:** IP20
- **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**

![Dimensions Diagram]

**Electrical**

- **Control:** Via iLight network connection or DALI
- **Integral iLight Network Power Supply:** 15V 500mA
- **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:**
  - Broadcast DALI, 100mA
  - DSI, 100mA (80 per channel)
  - 1-10V control, 50mA sink current
- **Switched Relay Outputs:** None
- **Use:** SCMH0410 for relays and low voltage control, SCMR1232 and SCMR0432 for feed through (latching) relays, SCMC0410 for change over relays and low voltage control.

**Terminal Sizes:**

- **Incoming supply, max’ cable size:** 2.5mm²
- **Ballast output, max’ cable size:** 2.5mm² 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

**Contact your local Eaton office**

T: +44 (0)1923 495495  F: +44 (0)1923 228796
E: enquiries@iLight.co.uk  www.iLight.co.uk

Eaton Lighting Systems
20 Greenhill Crescent,
Watford Business Park,
Watford, Herts, WD18 8JA, UK

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