

Cooper Lighting Solutions

Usk House, Lakeside
Llantarnam Park,
Cwmbran,
NP44 3HD, UK

t: +44 (0)1923 495495
e: info@cooperlighting.co.uk
www.cooperlighting.co.uk

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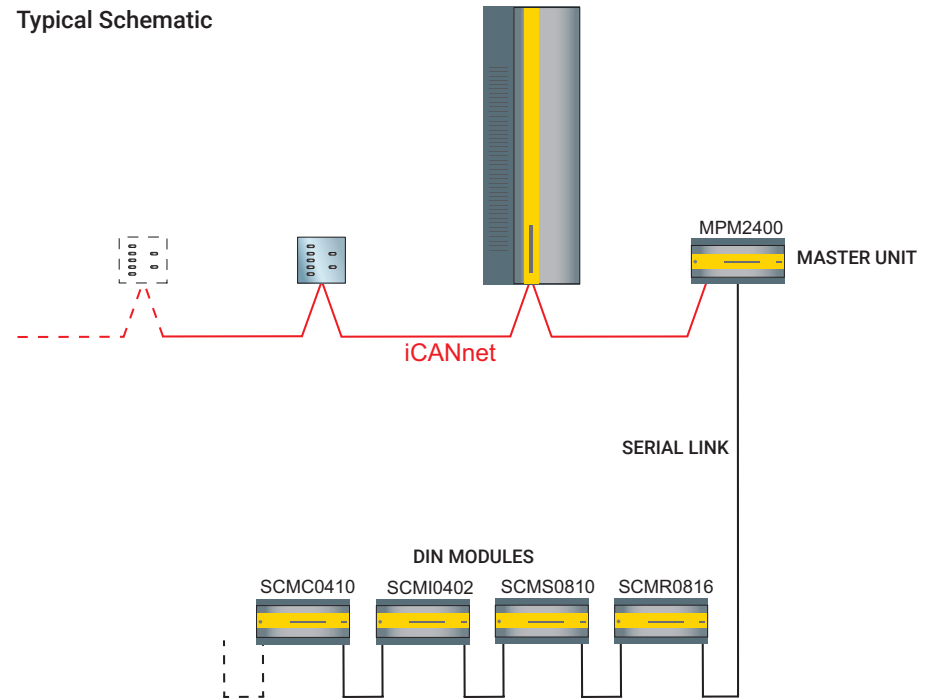


SCMH0410

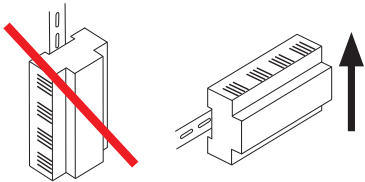
4 x 10A DINrail Mount
HF Ballast Controller



Typical Schematic



Mounting & Installation

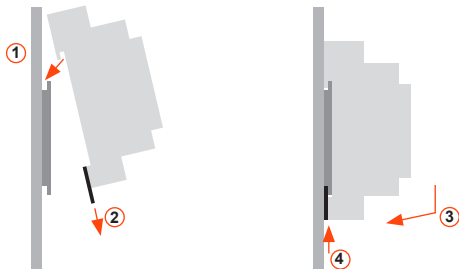


SCMH0410 must be mounted in a suitable enclosure to provide regulatory protection from electric shock hazard as well as protecting the iCANnet data network from tampering that could lead to reduced network security.

Ensure selected enclosure provides adequate cooling ventilation.

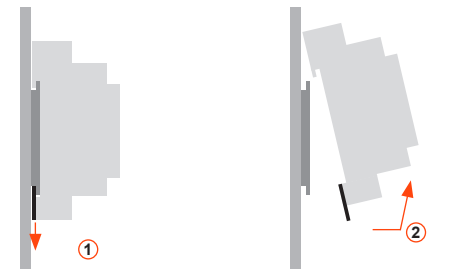
Fixing to DIN rail

1. Fix top clips over DIN rail.
2. Pull down bottom clip using screwdriver.
3. Close module towards DIN rail.
4. Push up bottom clip to fix securely to DIN rail.



Removing from DIN rail

1. Pull down bottom clip with screwdriver.
2. Lift module away from DIN rail.



Technical Data

Electrical & Mechanical

Supply: 230VAC +/- 10%, 50/60 Hz
Incoming terminals: maximum cable size: 2.5mm²
Rating: Maximum 16A single phase @ 40°C
Protection: Provided by installer
Load Types: 1-10V ballasts, 100/channel
Tridonic DSI Ballasts, 10/channel DALI HF ballasts (broadcast mode)
10/channel 1-10V controlled loads at 160mA sink or 20mA source / channel
The output type is selectable / circuit via iCANsoft
Switched outputs: 4 x 230VAC 10A (inductive or resistive)

Communications

Module Link Connections: Use cable supplied with unit.
See diagram for installation
Terminal Sizes:
Ballast output – max cable: 4 pairs x 2.5mm²
Loads – max cable: 1 x 2.5mm² or 2 x 1.5mm² / circuit

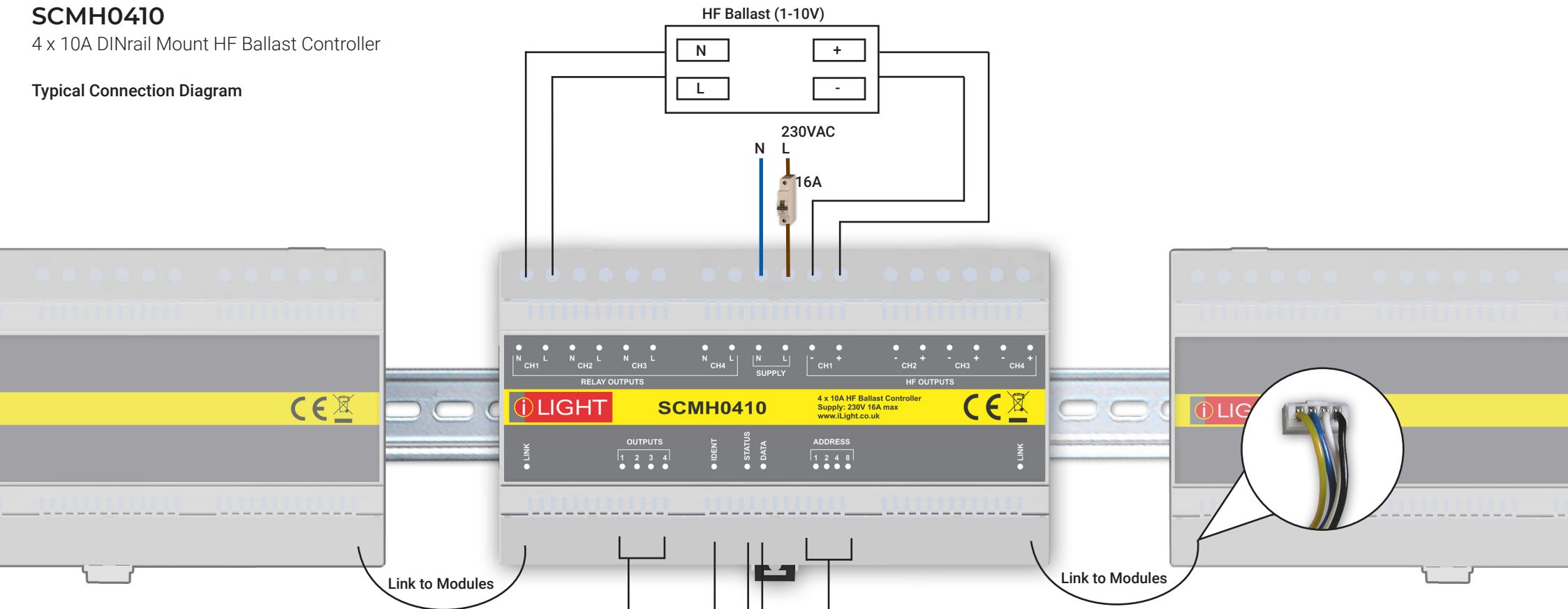
Safety

Ambient temperature: 2°C – 40°C
Relative humidity: 5% - 95%
IP rating: IP20
Installation: Installation must be carried out by a suitably qualified electrician

SCMH0410

4 x 10A DINrail Mount HF Ballast Controller

Typical Connection Diagram



Ident Switch and LEDs

Normal Running Mode
Green LED flashes – device OK
Red LED flashes when messages sent on network.

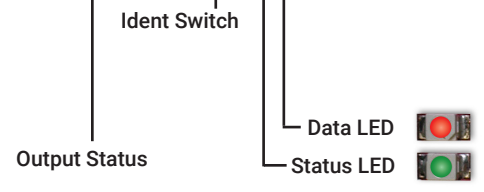
Device Identification
Press and release switch.
Sending a message to identify the device on the network (red LED flashes).

Entering Override Mode
Press and hold switch for 10 seconds.
When in Override mode the green LED flashes twice as fast and the red LED shows the output state. ie red LED off denotes all outputs off, red LED on denotes all output on.

Override Mode
Short push of switch - all circuits on.
Short push of switch - all circuits off.

Exiting Override Mode
Press and hold switch for 10 seconds or cycle power. Green LED flashes.

Output LEDs
Signify output level for each channel



Address Switches

