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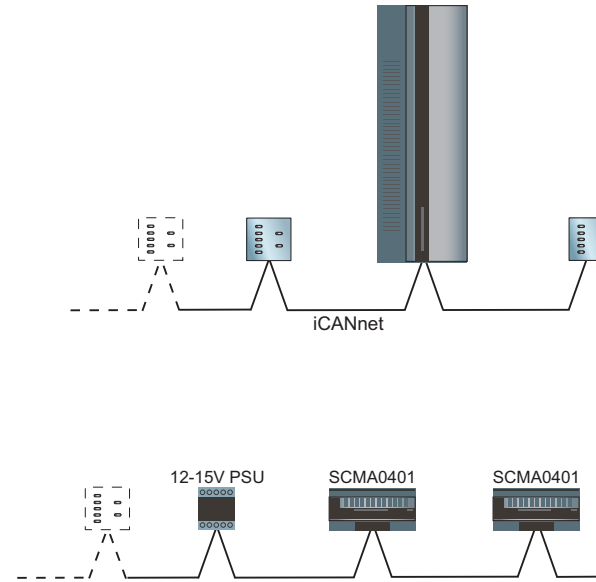


SCMA0401

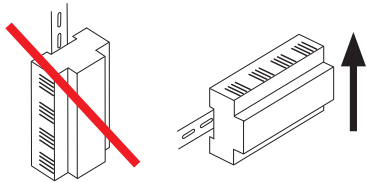
4 Channel x 1A Adaptive Dimmer
DIN rail Mount



Typical Schematic



Mounting & Installation

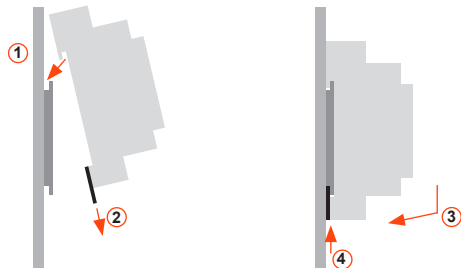


SCMA0401 must be mounted in a suitable enclosure to provide regulatory protection from electric shock hazard as well as protecting the iCANnet data network from tampering that could lead to reduced network security.

Ensure selected enclosure provides adequate cooling ventilation.

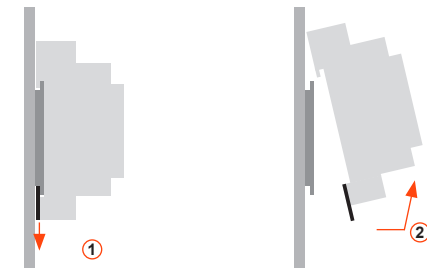
Fixing to DIN rail

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 Data

Mains supply: 120 – 277V AC +/-10%, 50/60 Hz
Unit rating: Maximum 4A single phase
Mains supply protection: Provided by installer (6A Type C MCB recommended)
Max Output channel current: 4 x 1A RMS or 2 x 2A RMS when channel pairing is used. No minimum load
Note: Pairing combinations allowed (1+2) and/or (3+4) only
CAN power consumption: 85mA
Mains terminals: Maximum cable size 1 x 2.5mm²
Channel terminals: Maximum cable size 1 x 2.5mm² or 2 x 1.5mm²

Mechanical Data

Dimensions: 159mm (w) x 89mm (h) x 60mm (d)
Housing: DIN rail case; 9 module width
Weight: 0.2kg
IP rating: IP20

Operating Conditions

Operating temperature: +2°C to 50°C
Relative humidity: 5% to 95% non-condensing
Max Storage Temperature: +60°C

Software

For programming SCMA0401, Device Editor v31.4.40 or later is required

SCMA0401

4 Channel x 1A Adaptive Dimmer

DINrail Mount

Device LEDs and Buttons

Status LED

Green LED flashes – device OK
Green LED flashes rapidly - device under DALI control

Data LED

Red LED flashes when messages sent on network
Red LED solid indicates iCANnet network error

Alarm LED

Red LED flashes ON for local initiated alarm
Red LED solid for network initiated alarm

Device Identification

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

Channel Output Status LEDs

LEDs turn on when the channel is > 0%
LEDs turn off when the channel is 0%

Manual Control of Channel Outputs

By holding the IDENT button down for 5 seconds, manual control of each channel is enabled using the UP and DOWN buttons.

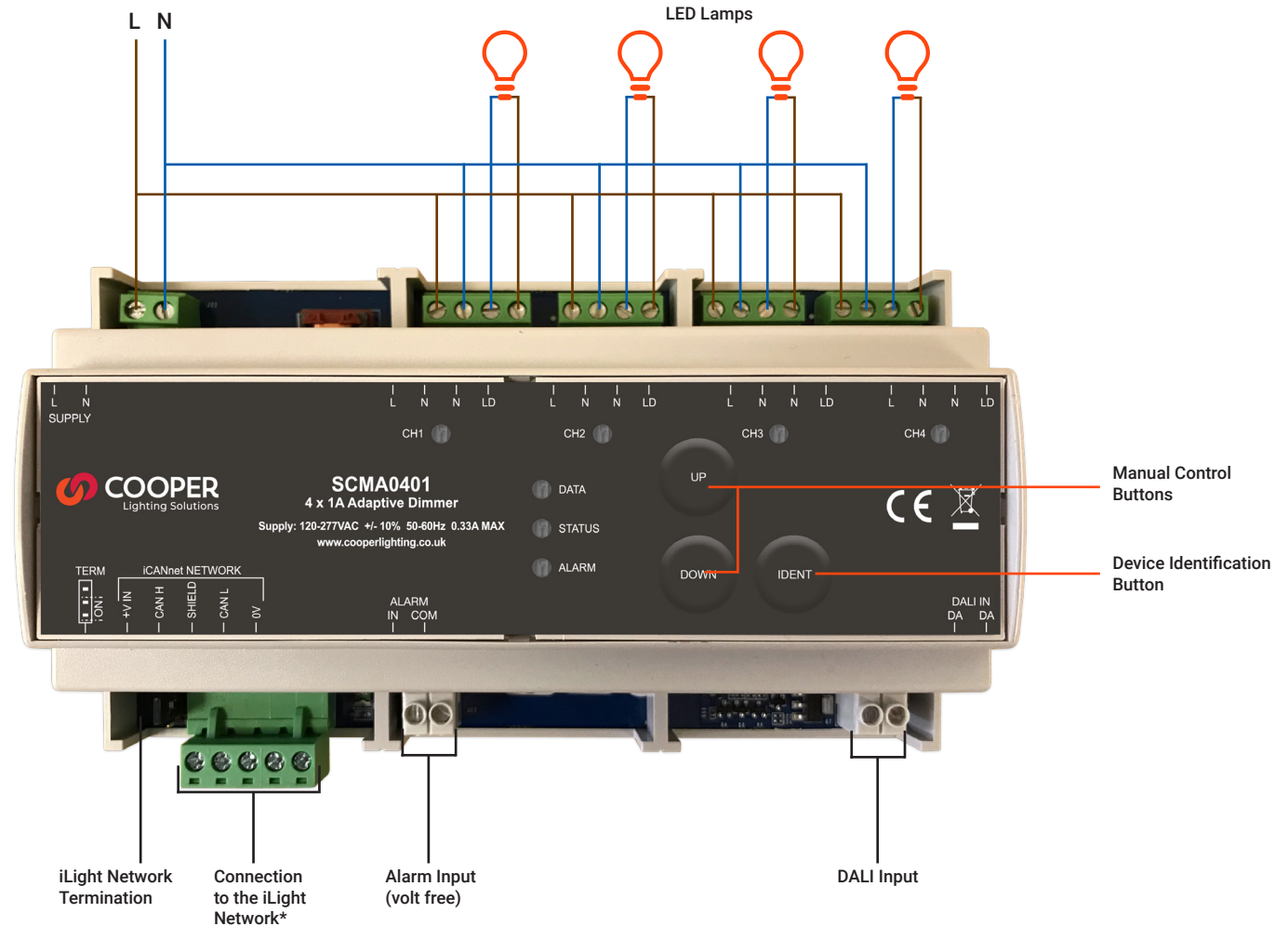
A short press of the UP button will raise the output level by 10% on each press. A long press (>1s) of the UP button will set the output level to 100%. The same operation is true for the DOWN but in reverse.

Press the IDENT button to change the output channel being controlled. To exit manual control hold the IDENT button down for 5 seconds.

Typical Connection Diagram

Incoming Supply
120 - 277V AC

Mains supply protection:
Provided by installer (6A Type C MCB recommended)



* This unit does not output +V to the iLight network. Requires 85mA @ 15V DC either via pre-powered iLight network or from external PSU