

Model No: IRS-DIMR2
Description: 2-Channel Dimmer



The IRS-DIMR2 is 2 channels dimmer. A single model supports 100 – 240V electronic and magnetic low voltage, incandescent, neon/cold cathode, 2-wire dimmable fluorescent.

Product Specification

Loading Rating

Switch channels:	2
Maximum per channel:	3A, 100-240V, 50/60Hz
Module total:	6A, 100-240V, 50/60Hz
Loading types:	Incandescent, halogen lamp, high voltage halogen lamp

Connection

CH 1-2:	(2) 2-pin 5mm detachable terminal blocks
NET:	(2) 4-pin 3.5mm detachable terminal blocks
Input:	(1) 2-pin 5mm detachable terminal blocks

Indicators

Channel 1-2:	(2) Red LEDs show the status of each channel
TX/RX:	(2) Blue LEDs indicate data throw to/from other modules on the same bus
RUN:	(1) Green LED flashing when device operated normally
OVR	(1) Red LED for override mode indication

Control

NET ID:	(1) 8 Digital physical address switch for setting RoomNet ID
OVR:	(1) Recessed miniature pushbutton, enable override mode, device will bypass program to provide power for all channels directly
RESET:	(1) Recessed miniature push button reset the module

Power Requirements

RoomNet power usage:	1.08 Watts (45mAmps@24 Volts DC)
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Enclosure

Light gray polycarbonate housing with polycarbonate label overlay, UL94 V-0, 35mm DIN EN 60715 rail mounted, DIN 43880 form factor of enclosure with 45 mm front panel cutout

Environmental

Operation temperature: 0°C - 45°C

Operation humidity: 20% - 90%

Dimension

Height: 90 mm

Width: 144 mm

Depth: 58 mm

Weight: 320 g

Features

- 2 Channel of power switching
- Support 100 to 240V AC, 50/60 Hz
- Control 2 independent zones
- Can set upper and lower loading limited for various lighting device
- Override control
- Proprietary RoomNet communication
- Standard 35mm DIN rail mounting