

Model No: IRS-DIMA4  
Description: 4-Channel 0-10V Dimmer



The IRS-DIMA4 is a 4-channel lighting control module designed to support dimming of 0-10 Volts DC analogue input dimming ballasts. Each single model supports 100-240 Volts AC applications. Each channel is able to handle up to 12 Amps loading.

## Product Specification

### Loading Rating

Dimmer channels:	4
Maximum per channel:	12A, 100-240V AC, 50/60Hz
Module total loading:	48A, 100-240V AC, 50/60Hz
Dim load types:	0-10V DC analogue input dimming ballasts
Switch load types:	Incandescent

### Connection

CH 1-4:	(4) 2-pin 5mm detachable terminal blocks Voltage control range from 0 – 10V DC
0-10V:	(1) 8-pin 3.5mm detachable terminal blocks
Net:	(2) 4-pin 3.5mm detachable terminal blocks

### Indicators

Channel 1-4	(4) Red LEDs show the status for 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:	250 g

## Features

- Provide 4 channels of 0-10V dimming control
- Support 100-240V AC, 50/60 Hz
- Proprietary RoomNet communication
- Override control
- Standard 35mm DIN rail mounting