

CONFIO[®]
2 CHANNEL DIMMER MODULE
CT2D

2-CHANNEL DIMMER

Product Datasheet

1. General Description

The MEDHA module is a remotely controlled 2-channel Dimmer module designed to operate on AC mains. It features:

- Miniature micro module designed for AC mains operation with common neutral.
- Two-channel dimming control with support for ON/OFF and dimming via bell switches.
- Compatible with analog and digital dimmable lights.
- Repeater functionality within the Z-Wave Plus network.
- Suitable for regular dimmer loads like light sources and other dimmable appliances.

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2. Technical Specifications

Power Input	240VAC, 50Hz
Maximum Load per Channel @240VAC	Phase Cut Ch - LED - Max 120W Incandescent - Max 200W Analog Ch(PWM) - NA (Notlimited by Device/Based on External Driver connected)
Cumulative Load (Muxed)	NA
Operating Temperature	-10° to +55°C
Temperature Sensing	NA
Relative Humidity	8% - 80%RH
Dimensions	50mm x 50mm x 18mm
Radio Frequency	865.2 MHz (India)
Surge Protection	1.2 kV
Line of Sight Range	10–15m Indoor / 30m Outdoor
Housing Material	Fire Retardant ABS
Supported Load Types	<ul style="list-style-type: none">• Phase Cut Dimming (240V): Wipro inbuilt dimmable loads, Allokin drivers, Corvi dimmable lights with bypass, incandescent bulbs, Philips dimmable loads• Analog Dimming: LCM Meanwell PWM drivers, Philips PWM drivers, OSRAM PWM drivers
Switch Type	Mechanical switches only (SW1–SW2)

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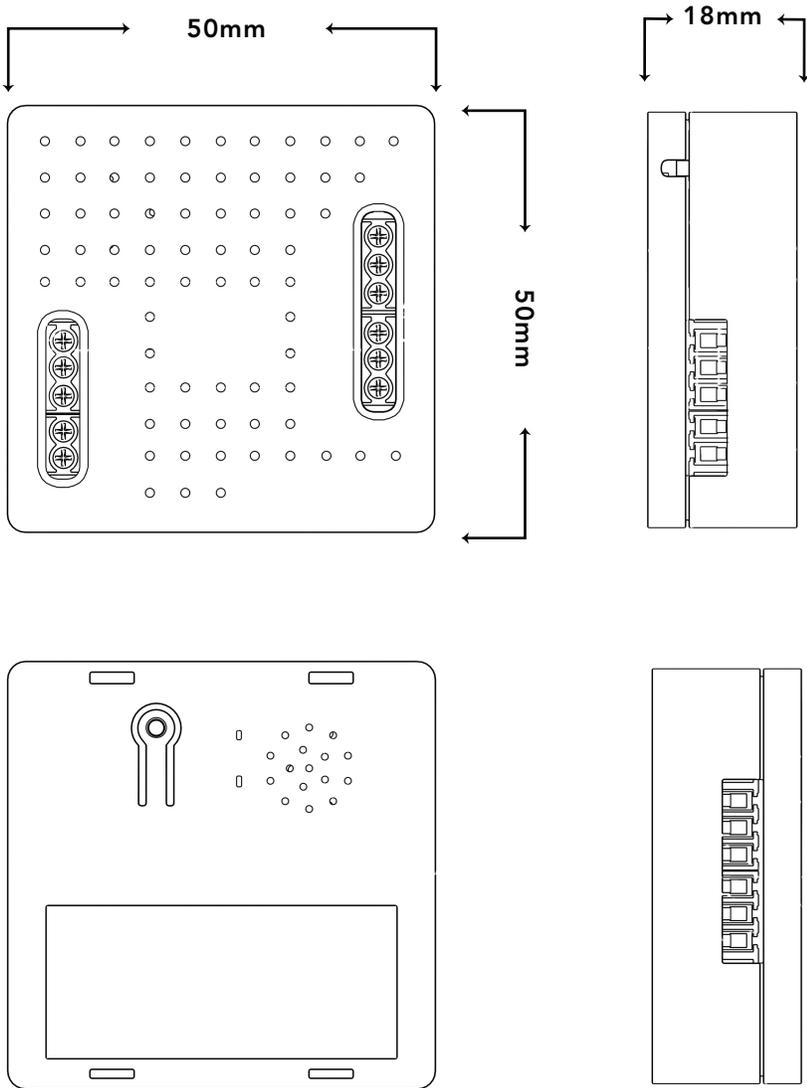
Z-Wave Compatibility	Z-Wave Plus, acts as a repeater in the network
Safety Features	Requires neutral lead, surge protection, fire-retardant casing
Installation Notes	Use 1.5mm ² to 2.5mm ² wires, turn off MCB before installation
Warranty	24 months from date of supply

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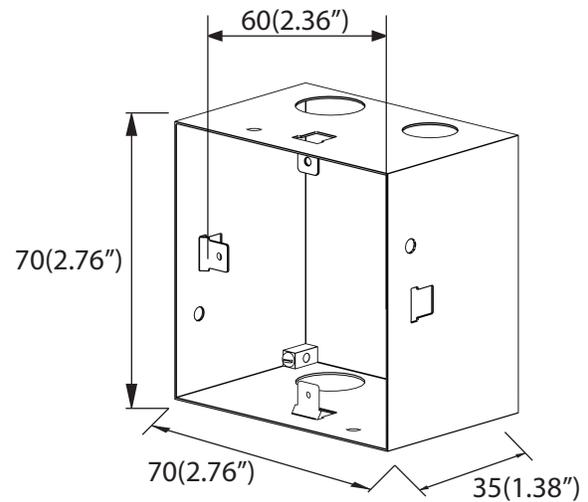
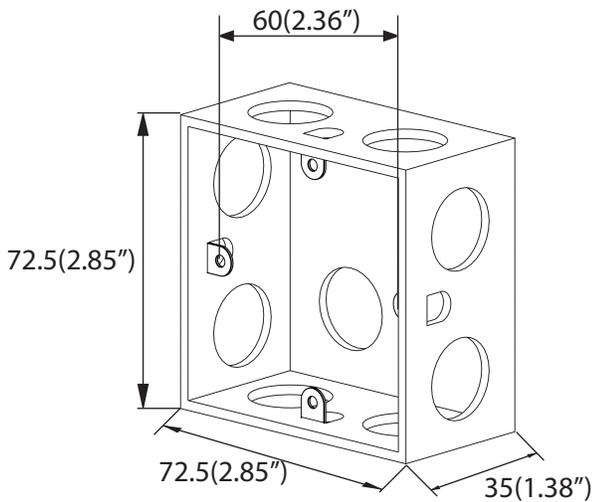
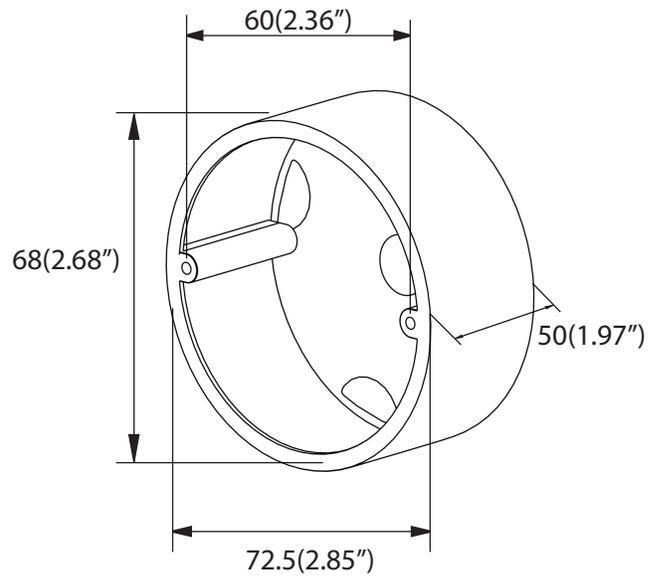
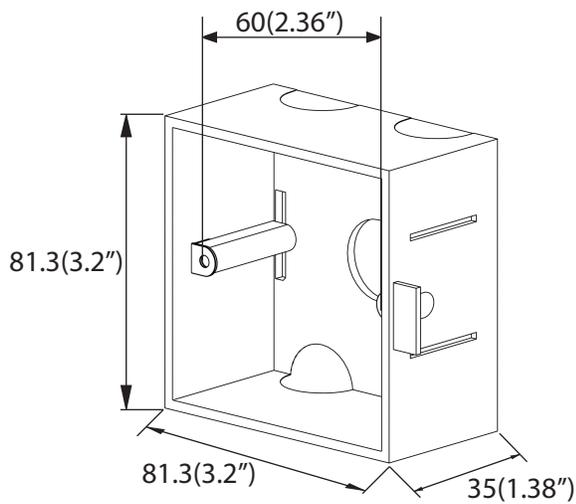
Technical Drawing



50mm x 50mm x 18mm

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Warranty

24 months from date of supply.

Excludes damage from misuse, natural disasters, unauthorized modifications, or improper installation.

Contact Information

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