

CONFIO<sup>®</sup>  
**2 CHANNEL LIGHTING MODULE**  
CT2RZW7

# 2-CHANNEL LIGHTING MODULE

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Product Datasheet

## 1. General Description

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

- Four relay switches for ON/OFF control
- Supports muxing relays for high-wattage loads
- Z-Wave Plus chip with wireless control & repeater function

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### 2. Technical Specifications

Power Input	240VAC, 50Hz
Maximum Load per Channel @240VAC	NA
– LED Drivers for Strips	Max 40W
– LED Bulbs	Max 100W (Max 4 LED bulbs)
– Incandescent	Max 800W
– Fan	Max 120W (Only ON/OFF control)
Cumulative Load (Muxed)	8A per channel × 2 = 16A
Operating Temperature	-10° to +55°C
Temperature Sensing	NA
Relative Humidity	8% - 80%RH
Dimensions	49mm x 49mm 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	Incandescent Bulbs, LED Lights, Fan, AC, and other ON/OFF devices
Switch Type	Mechanical switches only (SW1–SW2)

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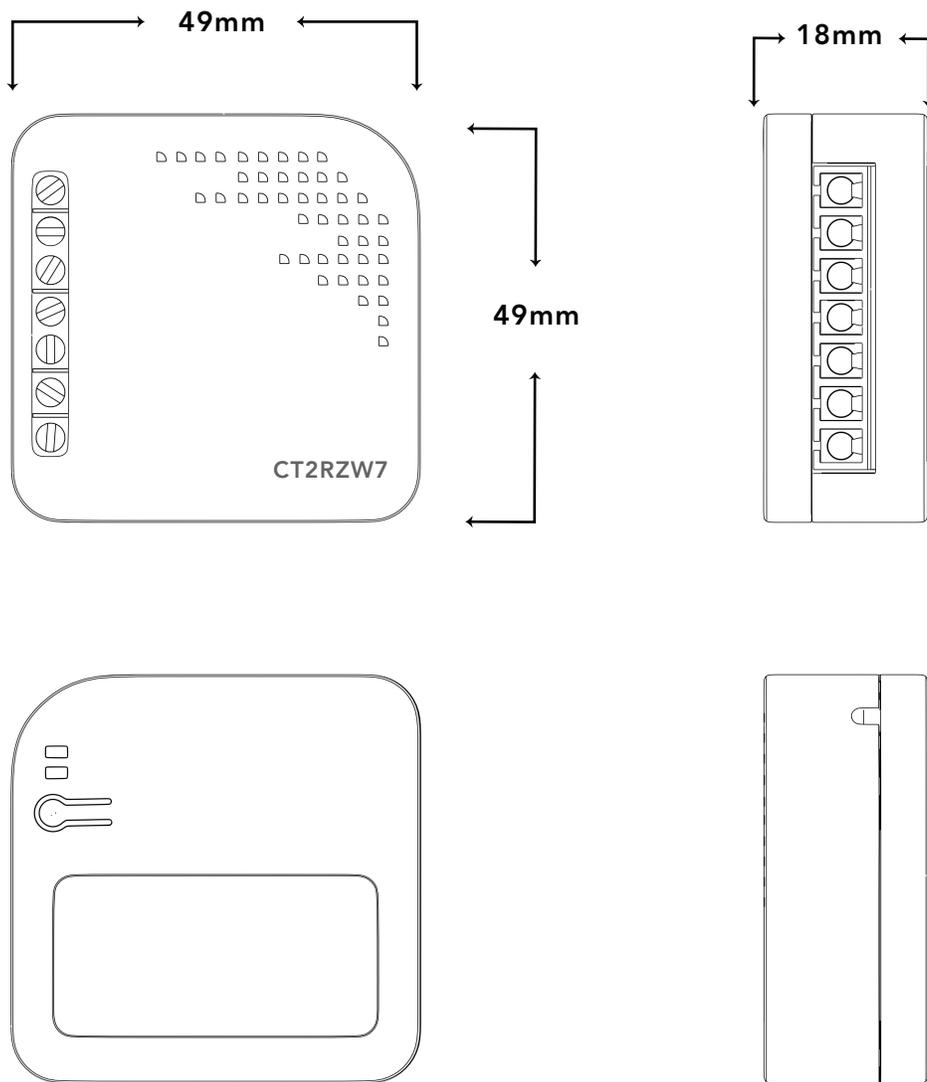
Z-Wave Compatibility	Z-Wave Plus, acts as a repeater in the network
Muxing Options	Combine L1+L2 for higher loads
Safety Features	Requires neutral lead, surge protection, fire-retardant casing
Installation Notes	Use 1.5mm <sup>2</sup> to 2.5mm <sup>2</sup> wires, turn off MCB before installation
Warranty	24 months from date of supply

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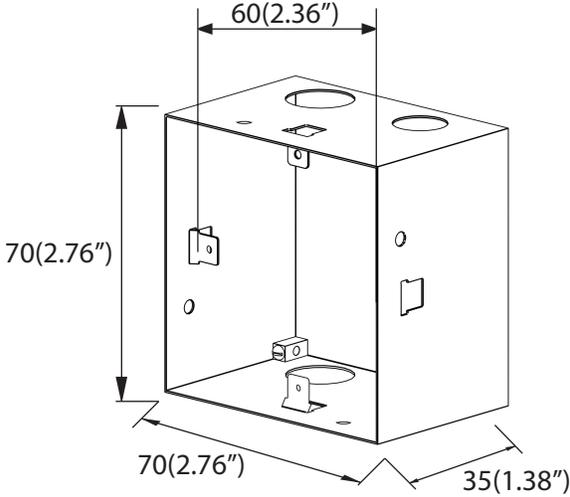
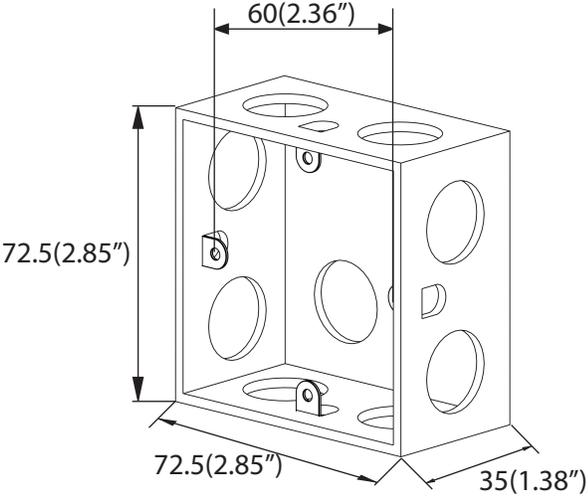
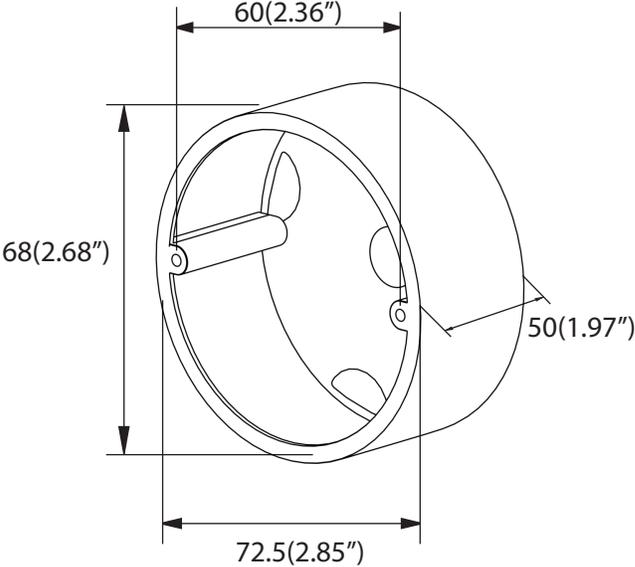
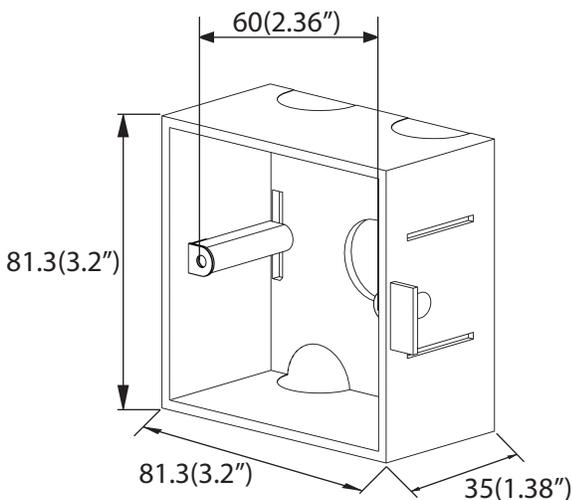
Technical Drawing



49mm x 49mm x 18mm

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## Warranty

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24 months from date of supply.

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

## Contact Information

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