

CONFIO<sup>®</sup>  
**4-CHANNEL RELAY MODULE\_ZB**  
CT4RZB

# 4-CHANNEL RELAY MODULE\_ZB

## Product Datasheet

### 1. General Description

The MEDHA 4-Channel Relay Module is a wireless control module designed to operate on AC mains. It features:

- Four independent relay switches for ON/OFF control of loads
- Supports relay muxing for higher wattage appliances (ACs, geysers)
- Multiple operating modes:
  - 4-Channel Relay Controller
  - Dual-Channel Curtain Controller
  - Single-Channel Curtain Controller
  - Fan-Light Controller (with Confio Fan Capacitor Module CTFCZB)
- Seamless Zigbee integration for mobile and automation system control
- Compact design suitable for concealed installation

### 2. Technical Specifications

Feature	Specifications
Power Input	240VAC, 50Hz
Power Consumption	< 1 Watt
Operating Temperature	-10°C to +55°C
Relative Humidity	5% – 95% (non-condensing)
Dimensions	49mm × 49mm × 18mm

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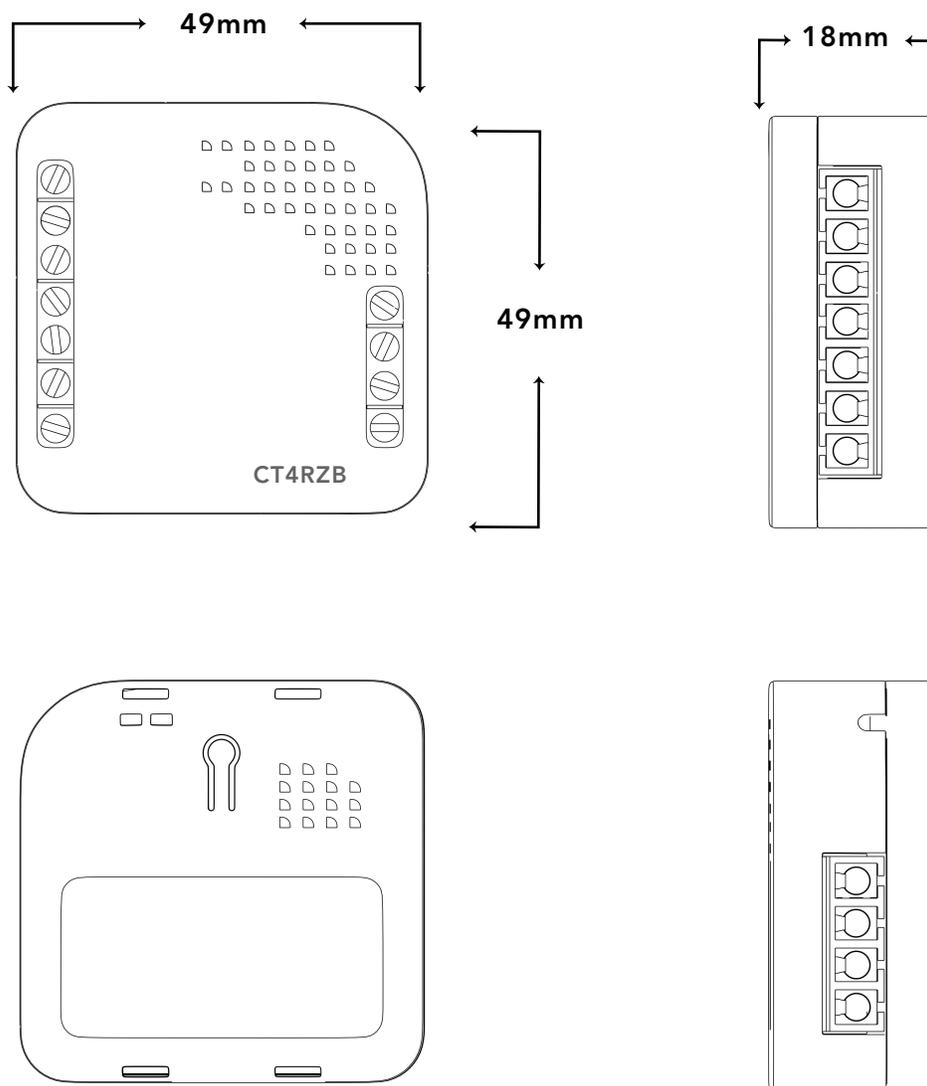
RF Frequency	2.4 GHz
Surge Protection	1.2 kV
Line of Sight Range	Up to 10m indoor / 10–20m outdoor
Housing Material	Fire Retardant ABS
Supported Load Type	Incandescent Bulbs, LED Lights, Fan, AC, and other ON/OFF Devices
Max Load Ratings	<ul style="list-style-type: none"><li>- Single Channel: Incandescent 400W, LED 100W, Inductive 150W</li><li>- 2 Channel Muxed: Incandescent 500W, LED 125W, Inductive 185W</li><li>- 3 Channel Muxed: Incandescent 750W, LED 185W, Inductive 280W</li><li>- 4 Channel Muxed: Incandescent 1000W, LED 250W, Inductive 375W</li></ul>
Zigbee Compatibility	Supports joining/leaving Zigbee Network, factory reset, mode selection
Safety Features	Neutral required, Circuit Breaker protection (20A max), 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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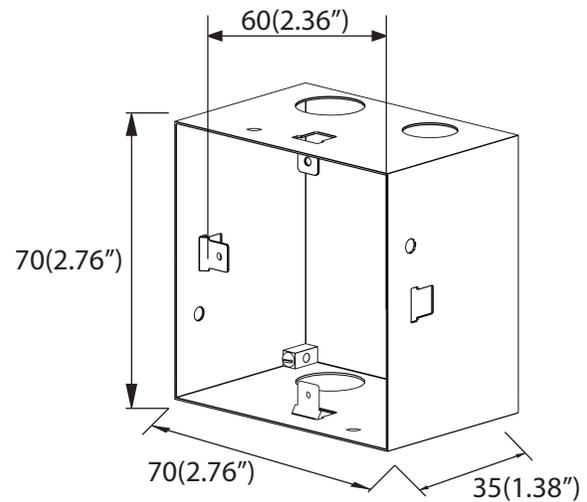
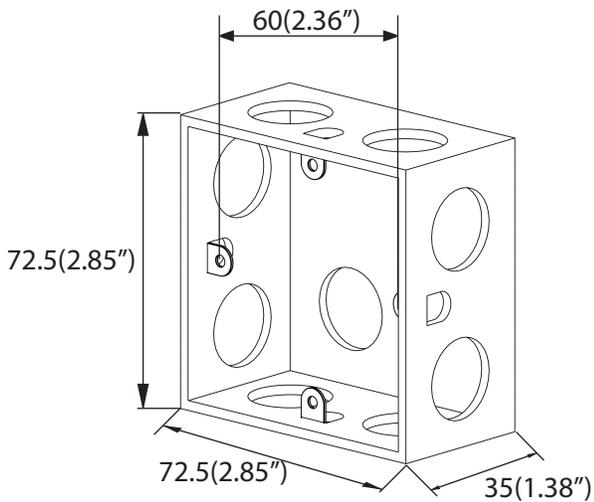
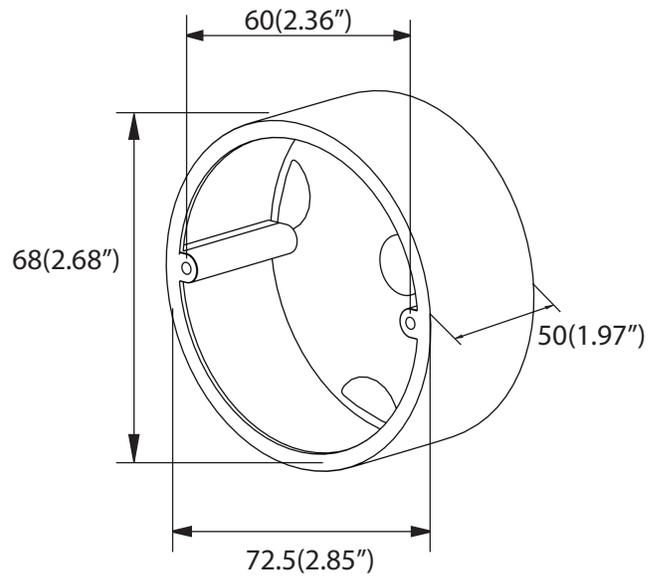
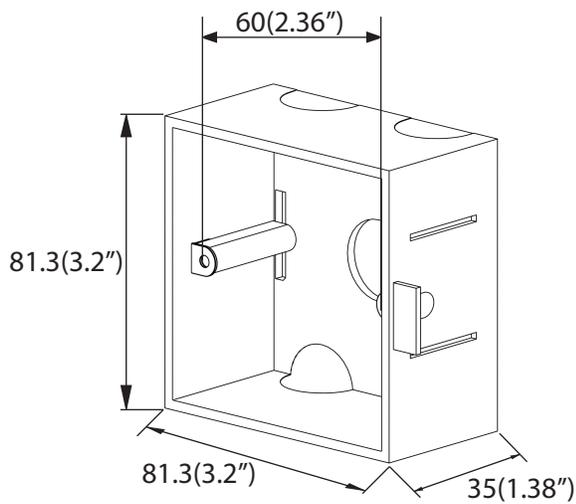
Technical Drawing



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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