

CONFIO[®]
4-CHANNEL BINARY SENSOR
CTBSZW7

4-CHANNEL BINARY SENSOR

Product Datasheet

1. General Description

The 4-Channel Binary Sensor is a wireless module designed to enhance the functionality of wired sensors by enabling Z-Wave network communication. It features:

- Supports up to **4 independent binary inputs**
- **Z-Wave Plus communication** with repeater function
- Integrates with **wired sensors** (motion, door/window, water leak, etc.)
- **Compact design** for easy installation
- Enables **remote monitoring and control** via gateways/apps
- **Low power consumption** for reliable operation

2. Technical Specifications

Feature	Specifications
Power Input	240VAC, 50Hz
Maximum Load per Channel @240VAC	NA
CumulativeLoad - (Muxed)	NA
Operating Temperature	-10° to +55°C
Temperature Sensing	Not Available
Relative Humidity	8% - 80%RH
Dimensions	49mm × 49mm × 18mm

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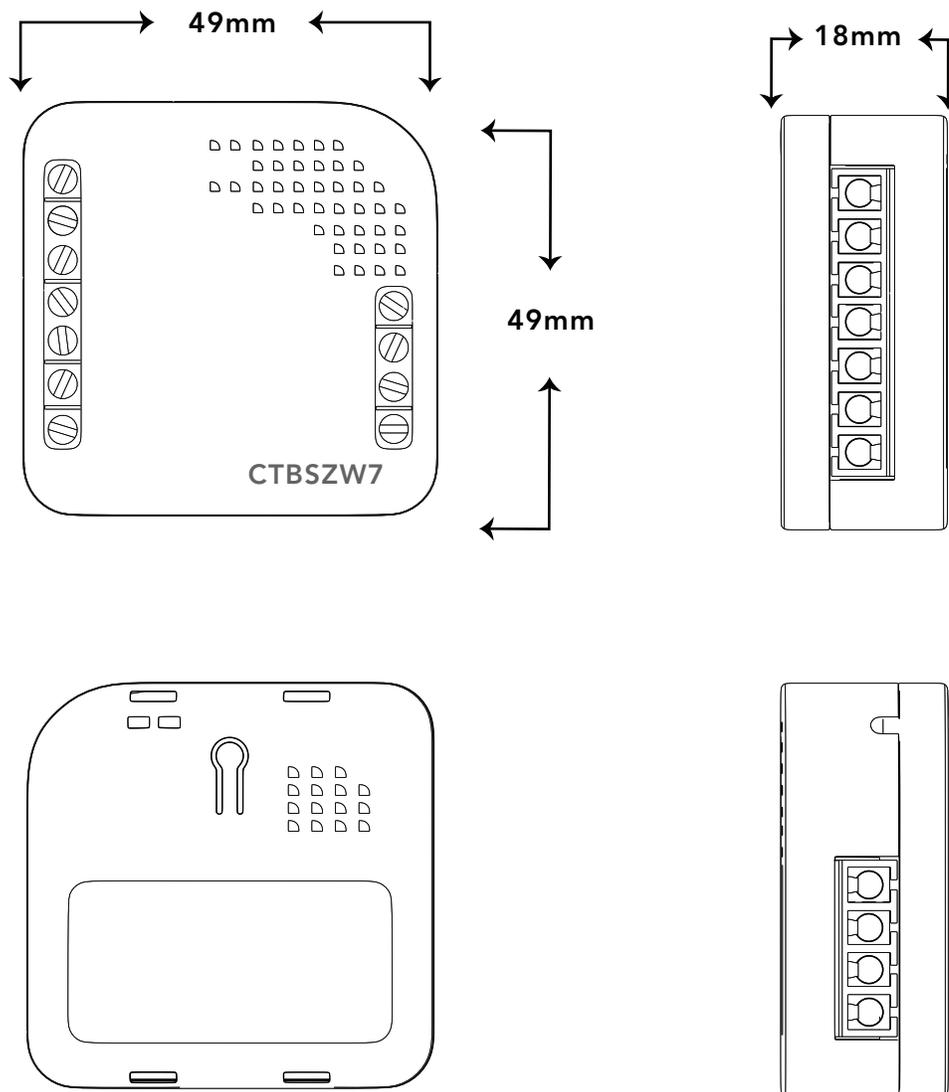
Radio Frequency	865.2MHz (IN)
Surge Protection	1.2 kV
Line of Sight Range	10~15m Indoor /30m Outdoor
Housing Material	Fire Retardant ABS
Sensors	Motion Sensor, Door Contact, Gas Sensor, Vibration Sensor, Perimeter Sensor
Switch Type	Mechanical switches only (SW1–SW4)
Z-Wave Compatibility	Z-Wave Plus, acts as a repeater in the network
Muxing Options	Combine L1+L2, L1+L2+L3, L1+L2+L3+L4 for higher loads
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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Binary Sensor

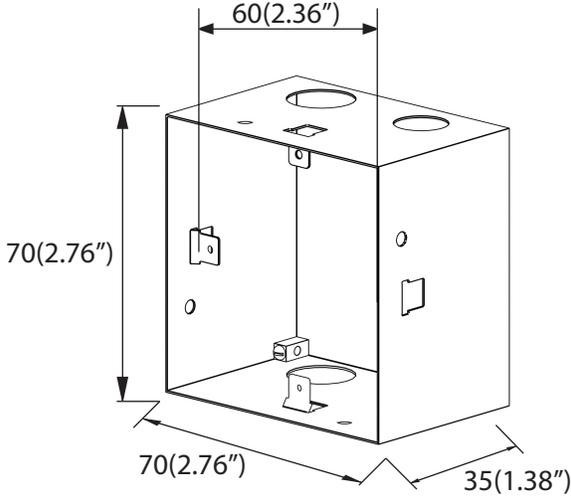
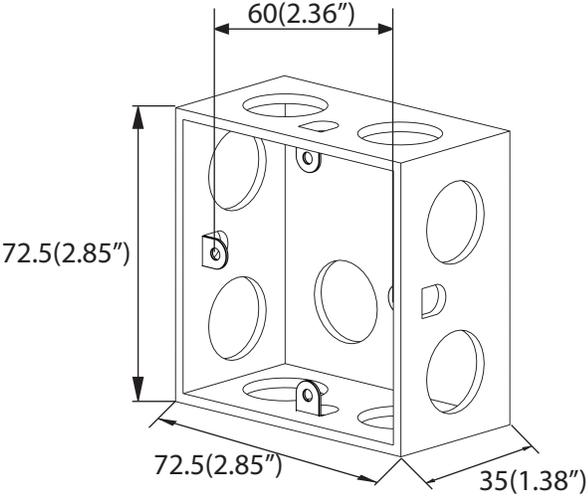
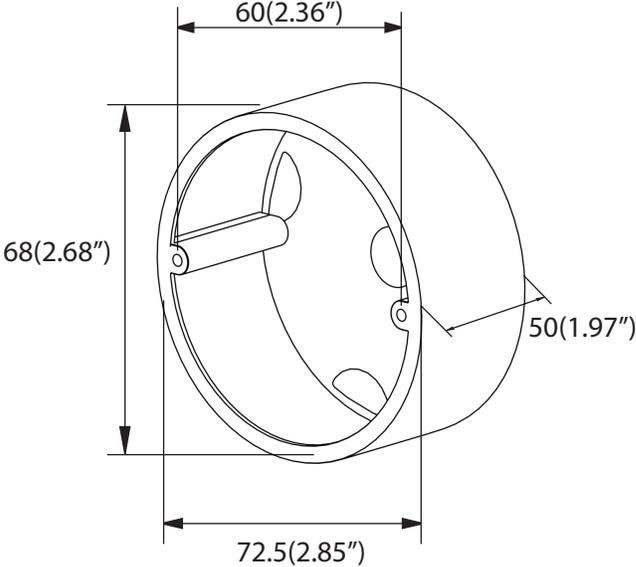
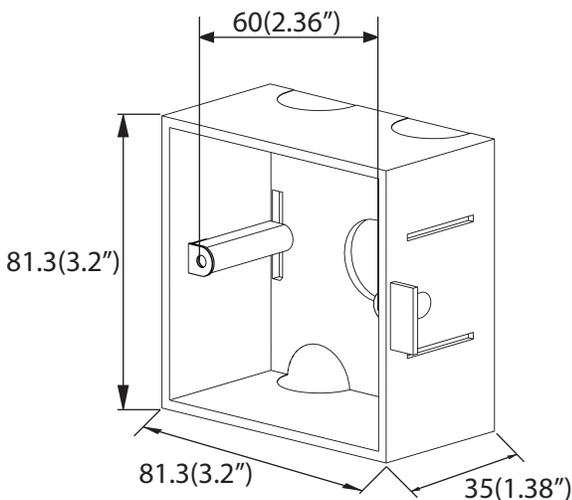
Technical Drawing



49mm x 49mm 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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