

MT1-2 Two-zone Input Module

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- ▶ Tamper switch
- ▶ Provides flexibility in system design
- ▶ Allows device attachment to RS-485 bus
- ▶ DIP switches for setting RS-485 bus address

The ICP-MT1-2 is a two-input module that connects to the RS-485 bus of the Multi-tenant Gateway. It occupies one address on the bus and provides two independent loop zones.

Installation/configuration notes

Wiring Considerations

RS-485 Bus Wiring

Use 1.0 mm (17 AWG) minimum shielded, twisted-pair wiring for the RS-485 bus connections. The RS-485 bus has a maximum length of 1200 m (3900 ft) from the MTGW to the last device. If the ICP-MT1-2 is the last device on the RS-485 bus, install a 120 Ω EOL resistor in parallel between the two RS-485 bus wires.

Device Wiring

Use wiring as specified by the device's installation instructions. Terminate each sensor loop with a 47 k Ω EOL resistor.

Parts included

Quant.	Component
1	ICP-MT1-2 Two-zone Input Module
2	47 k Ω EOL resistors
1	Literature, Installation Guide

Technical specifications

Environmental

Environmental Protection:	DIN IEC 721-3-3, Class 1; For indoor use
Relative Humidity:	90% maximum, non-condensing
Temperature (operating):	-10°C to +50°C (+14°F to +122°F)
Temperature (storage):	-10°C to +55°C (+14°F to +131°F)

Power Requirements

Voltage Range:	9 VDC to 15 VDC
Current:	Data Transfer: 65 mA; Standby: 5 mA

Ordering information

MT1-2 Two-zone Input Module

Provides two independent loop zones on the RS-485 bus to and from the Multi-tenant Gateway
Order number **ICP-MT1-2**