MT1-8 Eight-zone Input Module

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Invented for life

▶ Tamper switch (jumper selectable for easy testing)

▶ Provides flexibility in system design

▶ Allows device attachment to RS-485 bus

▶ DIP switches for setting RS-485 bus address

The MT1-8 is an eight-input module that connects to the RS-485 bus of the Multi-tenant Gateway. It occupies one address on the bus and provides eight 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 MT1-8 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 devices installation instructions. Terminate each sensor loop with a 47 kΩ EOL resistor.

Parts included

Quant.	Component
1	MT1-8 Eight-zone Input Module
8	47 kΩ EOL resistors
1	Literature, Installation Guide

Technical specifications

Electrical

Voltage:	8 VDC to 15 VDC
Current:	Alarm: 75 mA; Standby: 15 mA

Environmental

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

Mechanical

Dimensions:	152 mm x 95 mm x 35 mm (6.0 in. x 3.75 in. x 1.4 in.)

Ordering information

MT1-8 Eight-zone Input Module
Provides eight independent loop zones on the RS-485 bus to and from the Multi-tenant Gateway
Order number **MT1-8**