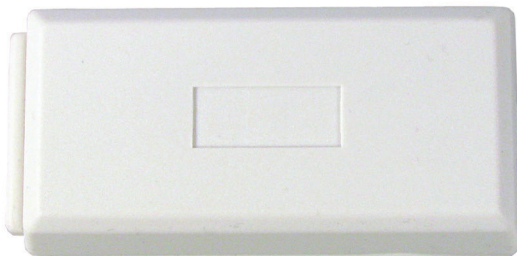


MT3-1 Single-input, Single-output Module

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- ▶ Tamper switch
- ▶ DIP switches for setting RS-485 bus address
- ▶ Jumpers for setting the relay response to alarm conditions and for selection of input from NO sensor to NC sensor

The ICP-MT3-1 is a single-input, single-output module that connects to the RS-485 bus of the Multi-tenant Gateway. It occupies one address on the RS-485 bus and provides a single-input connection that drives the Form C relay output.

Installation/configuration notes

Mounting Considerations

The ICP-MT3-1 can be surface mounted, semi-flush mounted, or mounted on a suitable electrical connection box.

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-MT3-1 is the last device on the RS-485 bus, install a 120 Ω EOL resistor in parallel between the two RS-485 bus wires.

Input Device Wiring

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

Parts included

Quant.	Component
1	ICP-MT3-1 Single-input, Single-output Module
1	47 kΩ EOL resistor
2	Mounting screws
1	Literature, Installation Guide

Technical specifications

Electrical

Voltage:	9 VDC to 15 VDC
Current:	Relay On: 30 mA; Data Transfer: 65 mA; Standby: 5 mA

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)

Mechanical

Dimensions: 79.4 mm x 38 mm x 22.2 mm
(3.125 in. x 1.5 in. x 0.875 in.)

Output

Relay: Form C; rated for 1A at 30 VDC

Ordering information

MT3-1 Single-input, Single-output Module

Occupies one address on the RS-485 bus and provides a single-input connection that drives the Form C relay output.

Order number **ICP-MT3-1**

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