MT1-1 Single-zone Input Module

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The MT1-1 is a single-input module that connects to the RS-485 bus of the Multi-tenant Gateway. It is suitable for installation of outdoor devices such as photoelectric beam detectors.

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 MT1-1 is the last device on the RS-485 bus, install a 120 Ω EOL resistor in parallel between the two RS-485 bus wires.

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

Technical specifications

Electrical
Voltage: 8 VDC to 25 VDC
Current: Alarm: 65 mA; Standby: 5 mA

Environmental
Environmental Protection: For indoor or outdoor 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 (body): 65 mm x 25 mm x 7 mm (2.4 in. x 0.9 in. x 0.3 in.)
Dimensions (leads): 130 mm (5.25 in.) long

Parts included

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<th>Component</th>
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<tr>
<td>1</td>
<td>MT1-1 Single-zone Input Module</td>
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<tr>
<td>1</td>
<td>47 kΩ EOL resistor</td>
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<tr>
<td>1</td>
<td>Literature, Installation Guide</td>
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Ordering information

MT1-1 Single-zone Input Module
Provides single-input connection on the RS-485 bus to and from the Multi-tenant Gateway.
Order number MT1-1