

MT2-8 Eight-relay Output Module

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- ▶ Provides flexibility in system design
- ▶ DIP switches for setting RS-485 bus address
- ▶ Allows RS-485 bus signals to control outputs through eight independent, programmable Form C relays

The ICP-MT2-8 is an eight-relay output module that connects to the RS-485 bus of the Multi-tenant Gateway. It occupies one address on the bus and provides eight independent, programmable Form C relay outputs. Each output is rated for 5 A at 28 VDC.

Installation/configuration notes

Mounting Considerations

The ICP-MT2-8 can be surface mounted, semi-flush mounted, or mounted on a suitable electrical 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-MT2-8 is the last device on the RS-485, install a 120 Ω EOL resistor in parallel between the two RS-485 bus wires.

Parts included

Quant.	Component
1	ICP-MT2-8 Eight-relay Output Module
1	Hardware pack (4 screws, 4 anchors)
1	Literature, Installation Guide

Technical specifications

Electrical

Voltage:	9 VDC to 15 VDC
Current:	For each relay that is on: 40 mA; Standby: 10 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:	159 mm x 114 mm x 38 mm (6.25 in. x 4.5 in. x 1.5 in.)
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Outputs

Relays:	Form C; rated for 5 A at 28 VDC
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Ordering information

MT2-8 Eight-relay Output Module

Occupies one address on the RS-485 bus and provides eight independent, programmable Form C relay outputs.

Order number **ICP-MT2-8**

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