

T8122

Trusted Modbus Processor Interface Adapter

Exact interface data for dependable controller integration.

Product Overview

ICS Triplex T8122 is a Trusted Modbus Processor Interface Adapter. In a Trusted 8000 system, it provides a dedicated processor-side interface for configured Modbus communication paths in a Trusted controller. It handles configured RS-422/RS-485 serial communication data and associated interface status, works with Trusted TMR Processor, approved serial cabling, matched field connector and configured Modbus peer devices, and is used in Safety PLC Modbus integration, DCS data exchange, Serial supervisory links.

Verified Technical Specifications

Manufacturer	ICS Triplex (Rockwell Automation)
Model	T8122
Product Type	Trusted Modbus Processor Interface Adapter
System Family	Trusted 8000
Channel / Interface Summary	Modbus processor interface adapter; serial port allocation is defined by PD-T812X
Power source	Powered from the Trusted TMR Processor
Power consumption	0.1 W
Operating temperature	0 to 60 °C
Storage temperature	-25 to 70 °C
Relative humidity	10–95%, non-condensing
Official device dimensions	138 × 120 × 108 mm
Published weight	0.877 kg
Country of origin	Verify the physical nameplate and current Rockwell Automation order record
Tariff code	8537101101
Official source	Rockwell Automation PD-T812X Trusted Processor Interface Adapters

Core Functions

- provides a dedicated processor-side interface for configured Modbus communication paths in a Trusted controller
- Handles configured RS-422/RS-485 serial communication data and associated interface status
- Works with Trusted TMR Processor, approved serial cabling, matched field connector and configured Modbus peer devices
- Reports model-appropriate status and diagnostics through the host system
- Supports the high-integrity control function engineered for the selected hardware arrangement

Key Features

- Modbus processor interface adapter; serial port allocation is defined by PD-T812X
- Designed for the Trusted 8000 architecture
- provides a dedicated processor-side interface for configured Modbus communication paths in a Trusted controller
- Model-specific compatible hardware: Trusted TMR Processor, approved serial cabling, matched field connector and configured Modbus peer devices
- Official dimensions: 138 × 120 × 108 mm

System Match

Trusted TMR Processor, approved serial cabling, matched field connector and configured Modbus peer devices

Lifecycle Note

The official interface-adapter manual documents T8122; confirm current commercial availability with Rockwell Automation.

Official Source

Rockwell Automation PD-T812X Trusted Processor Interface Adapters
https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icstt-rm239_-en-p.pdf

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Send the exact model, nameplate and required quantity.

