

T8151B

Trusted Communications Interface

Legacy variant clarity for safer output-module decisions.

Product Overview

ICS Triplex T8151B is a Trusted Communications Interface. In a Trusted 8000 system, it provides the Trusted controller with supported Ethernet and serial communication services for engineering, supervisory and peer-system connections. It handles the serial and Ethernet communication data defined by the official interface manual, works with Trusted T8100 processor chassis, T8153 communications interface adapter, approved Ethernet/serial cabling and current SIS Workstation configuration, and is used in Engineering workstation access, Supervisory system integration, Peer controller communication.

Verified Technical Specifications

Manufacturer	ICS Triplex (Rockwell Automation)
Model	T8151B
Product Type	Trusted Communications Interface
System Family	Trusted 8000
Channel / Interface Summary	Trusted controller communications interface with supported Ethernet and serial ports
Backplane supply	20–32 Vdc
Maximum power	14 W
Interface role	Ethernet and serial communications
Companion hardware	T8153 communications interface adapter
Current equivalence note	T8151B is equivalent to T8151C
Official device dimensions	266 × 31 × 303 mm
Published weight	1.140 kg
Country of origin	Verify the physical nameplate and current Rockwell Automation order record
Tariff code	8537101101
Official source	Rockwell Automation Trusted Communications Interface

Core Functions

- provides the Trusted controller with supported Ethernet and serial communication services for engineering, supervisory and peer-system connections
- Handles the serial and Ethernet communication data defined by the official interface manual
- Works with Trusted T8100 processor chassis, T8153 communications interface adapter, approved Ethernet/serial cabling and current SIS Workstation configuration
- Reports model-appropriate status and diagnostics through the host system
- Supports the high-integrity control function engineered for the selected hardware arrangement

Key Features

- Trusted controller communications interface with supported Ethernet and serial ports
- Designed for the Trusted 8000 architecture
- provides the Trusted controller with supported Ethernet and serial communication services for engineering, supervisory and peer-system connections
- Model-specific compatible hardware: Trusted T8100 processor chassis, T8153 communications interface adapter, approved Ethernet/serial cabling and current SIS Workstation configuration
- Official dimensions: 266 × 31 × 303 mm

System Match

Trusted T8100 processor chassis, T8153 communications interface adapter, approved Ethernet/serial cabling and current SIS Workstation configuration

Lifecycle Note

Rockwell Automation identifies T8151B as equivalent to T8151C in the current Trusted product information.

Official Source

Rockwell Automation Trusted Communications Interface
https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icstt-rm253_-en-p.pdf

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Send the exact model, nameplate and required quantity.

