

APTER POWER
PRODUCT MANUAL

T8310

Trusted Expander Processor

Document Overview

This model-specific reference supports identification, engineering review and controlled maintenance of the ICS Triplex T8310. Always verify the complete order code, hardware revision, physical nameplate and current manufacturer documentation before use.

Manufacturer	ICS Triplex / Rockwell Automation
Model	T8310
Product family	Trusted 8000
Document type	Product Manual
Release	Apter Power controlled reference 21 Aug 2026

APTER POWER INDUSTRIAL SUPPORT

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Request the exact model, revision and nameplate.

T8310 | VERIFIED IDENTITY. SAFE REPLACEMENT.



Product Overview and Identity

T8310 | Trusted Expander Processor

Model Configuration

Model	T8310
Product designation	Trusted Expander Processor
Platform	Trusted 8000
System role	Trusted control and safety system
Signals / data	Trusted expander-bus control, status and I/O data

Key Reference Points

- Use the complete nameplate and revision for procurement and replacement.
- Confirm the installed base, termination hardware, slot and application configuration.
- Treat firmware, safety application and proof-test requirements as site-controlled items.

Technical Reference

Functional Profile

Primary function	Trusted Expander Processor
Signal / data scope	Trusted expander-bus control, status and I/O data
Required ecosystem	Trusted controller chassis, expander interfaces, approved cables and configured expansion chassis
Dimensions	266 x 31 x 303 mm
Published weight	Verify current official manual/nameplate

Engineering Notes

- Match electrical ratings, channel allocation and field power to the approved design.
- Do not infer compatibility from appearance alone; verify order code, revision and documentation.
- Maintain approved grounding, shielding, segregation and environmental requirements.

Application and Compatibility

Typical Application Context

The T8310 is intended for Trusted control and safety system. Its application must follow the approved system architecture, safety lifecycle and project documentation.

Compatibility Checklist

- 01 Exact model and hardware revision match
- 02 Approved chassis/base and termination assembly
- 03 Slot assignment and module keying
- 04 Field supply, polarity, shields and grounding
- 05 Application configuration and diagnostic coverage
- 06 Site proof-test and change-control requirements

Installation Precautions and Source

Before Installation or Replacement

- Use the site-approved isolation or live-insertion procedure and required PPE.
- Record existing wiring, slot, revision, configuration and diagnostics before removal.
- Inspect connectors and termination hardware; correct damage or contamination before fitting.
- After installation, complete diagnostics, functional testing and required proof-test records.

Official Source and Use Notice

Rockwell Automation ICSTT-RM266N-EN-P

This Apter Power reference is a concise identification and verification aid. It does not replace the current manufacturer manual, approved project drawings, site procedures or qualified engineering review.

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