



4351

Triconex Tricon Communication Module

Product scope

- Adds copper Ethernet and serial communication paths to a Tricon controller.
- Separates plant-network services from the safety execution channels.
- Provides onboard status and communication diagnostics for maintenance.
- The product is the original 4351 TCM generation and must be identified independently from the A and B revisions.

Official source basis

Schneider Electric / Triconex Tricon Product Guide and Planning and Installation Guide, communication-module compatibility rules.

Technical facts are limited to the identified manufacturer documentation and the exact ordering configuration shown above.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	Triconex 4351	

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4351 technical profile

Triconex 4351 is a copper-media Tricon Communication Module from the earlier TCM hardware family. It combines Ethernet services with serial controller connectivity for plant hosts and engineering access.

The module transfers selected controller data without disturbing the triplicated safety execution path. TCM firmware and system software establish the supported protocols, address behavior and diagnostic functions.

Do not mix 4351/4352 hardware with later 4351A, 4351B, 4352A or 4352B modules in one Tricon system. Confirm release compatibility, copper network interfaces, COM-slot placement and downloaded configuration before exchange.

Selection notice

4351 cannot coexist with later 4351A/B or 4352A/B TCM generations in the same system; verify controller release before installation.

Technical specifications

Module family	Tricon Communication Module
Network media	Copper Ethernet
Serial communication	Supported
System interface	Tricon communication bus
Logical position	COM slot
Module generation	Original 4351 family
Later-family coexistence	Not permitted with 4351A/B or 4352A/B
NCM coexistence	NCM hardware cannot share this Tricon system
EICM coexistence	EICM hardware cannot share this Tricon system
Chassis-2 cabling	Model 9001 I/O-COMM cable required when applicable
Power planning	TCM class 7 W
Primary media	IEEE 802.3 Ethernet
Status diagnostics	Module and port status
Firmware dependency	System-release specific
Configuration	TriStation project dependent
Operating temperature	0 to 60 °C
Storage temperature	-40 to 85 °C
Relative humidity	5 to 95%, non-condensing
Installation environment	Industrial control enclosure

Application and integration notes

Connectivity	• Copper Ethernet interfaces provide the plant-network connection for this TCM generation. • Serial communication remains available for supported host and maintenance functions. • Cable media, port assignment and network segmentation must follow the original cabinet design.
Firmware & Updates	• TCM capability depends on firmware that is compatible with the controller system release. • A replacement should be checked for approved firmware before the project configuration is restored. • Updates must follow the Tricon maintenance procedure and preserve the validated network settings.
Compatibility	• Model 4351 belongs to an earlier TCM generation than 4351A, 4351B, 4352A and 4352B. • Mixed installation of those generations in one Tricon system is specifically prohibited. • The communication slot and connected chassis must satisfy the documented Tricon layout rules.

Request product documentation and quotation support

Send the complete label, system configuration, quantity and destination.



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