



3623

Triconex 120 VDC Supervised Digital Output Module

Product scope

- Controls sixteen supervised 120 VDC output points.
- Uses TMR output processing with continuous module diagnostics.
- Reports point and module status through dedicated indicators.
- The ordered hardware is the standard 3623 high-voltage supervised output module for a Tricon rack.

Official source basis

Schneider Electric / Triconex Tricon Product Guide and Planning and Installation Guide for Tricon v9-v11 Systems.

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 3623	

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3623 technical profile

Triconex 3623 is a sixteen-channel supervised output module for 120 VDC field loads. Three internal channels receive voted command data while module diagnostics supervise the output path and report abnormal load conditions.

The module is applied where energized DC actuators require both high-integrity control and visibility of open- or stuck-circuit behavior. Opto-isolated, commoned field wiring is connected through the termination hardware specified for this model.

Confirm the exact 3623 rather than 3623T configuration, field voltage, termination panel and load characteristics. Output circuits must be isolated before rewiring, and each channel should be proved under a controlled commissioning procedure.

Selection notice

3623 supervises 120 VDC outputs; verify commoned field power, termination-panel type and load state before removing or inserting field wiring.

Technical specifications

Output points	16
Nominal field voltage	120 VDC
Output architecture	TMR
Supervision	Supported
Field grouping	Commoned
Isolation	Opto-isolated
Termination option	9661-910F
Module indicators	PASS / FAULT / ACTIVE
Point indication	1 per output
Fault reporting	Chassis alarm
Hot spare capability	Supported by the output-module family
Control use	Safety and critical control
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

Diagnostics & Protection	• Continuous channel diagnostics compare commanded and sensed output behavior. • A detected field or module fault activates the associated indication and chassis alarm path. • Optical isolation separates the field-output circuitry from the internal logic interface.
Safety & Compliance	• Triplicated processing supports the fault-tolerant Tricon safety architecture. • The module appears in the documented Tricon product compliance scope for its supported system versions. • Safe work practices require field energy to be removed before output conductors are handled.
Installation	• The module must be keyed into the compatible Tricon baseplate and logical slot. • Model 9661-910F is the documented commoned termination-panel option for standard installations. • Commissioning should confirm polarity, load current and channel response before outputs are released to service.

Request product documentation and quotation support

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



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