



3614E

Triconex 8-Point 24 VDC Digital Output Module

Product scope

- Provides eight supervised 24 VDC output points.
- Uses galvanic isolation and a commoned field-power arrangement.
- Integrates point diagnostics into the Tricon TMR control path.
- The module is the 3614E eight-point 24 VDC member of the isolated output family.

Official source basis

Schneider Electric / Triconex Planning and Installation Guide for Tricon v9-v11 Systems, 3614E output-module data.

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 3614E	

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3614E technical profile

Triconex 3614E is an eight-channel 24 VDC output module for supervised critical loads. The design combines triplicated command processing with galvanic isolation at the field interface.

Each output is monitored so the controller can identify wiring or switching behavior that departs from the requested state. The commoned architecture is suited to compact groups of DC solenoids and relays supplied from the same redundant field-power scheme.

Confirm the 24 VDC 3614E model, approved 9662-910F termination and connected load current before exchange. Do not substitute the low-power 3615E or the 48 VDC 3617E by appearance alone.

Selection notice

3614E must remain paired with the correct 24 VDC termination and load profile; 3615E and 3617E have different electrical duties.

Technical specifications

Output points	8
Nominal field voltage	24 VDC
Output type	Galvanically isolated
Field grouping	Commoned
Supervision	Supported
Internal architecture	TMR
Termination panel	9662-910F
Point indicators	One per output
Module indicators	PASS / FAULT / ACTIVE
Fault reporting	System alarm
Primary loads	DC solenoids and relays
Field power	External 24 VDC
Replacement distinction	Not 3615E low-power or 3617E 48 VDC
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

Monitoring & Control	• Eight front point indicators provide immediate visibility of the output commands. • Module-level PASS, FAULT and ACTIVE states support maintenance diagnosis. • Supervision compares the expected output condition with the field-side result.
Safety & Compliance	• Triplicated internal command paths align the module with the Tricon fault-tolerant architecture. • Galvanic isolation separates the field circuit from controller logic. • The model appears in the documented compliance scope for supported Tricon system versions.
Operating Environment	• The module is intended for enclosed industrial controller cabinets. • System specifications permit operation up to 60 °C when chassis power and airflow limits are respected. • Non-condensing humidity and controlled contamination help maintain insulation integrity.

Request product documentation and quotation support

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



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