

TRICON 115 VAC DIGITAL OUTPUT

Product Data Sheet

3601E

TMR Digital Output Module

OUTPUTS	VOLTAGE	FREQUENCY	POWER
16	80-155 VAC	47-63 Hz	<10 W

Triconex 3601E is a 16-point, optically isolated, non-commoned TMR Digital Output Module with a nominal 115 VAC output rating for Tricon v9-v10 systems.

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VERIFIED TECHNICAL DATA

Product type	TMR Digital Output Module
Output signals	16, non-commoned
Frequency range	47-63 Hz
Voltage range	80-155 VAC
Logic power	<10 W
Current rating	2 A/point maximum
Surge current	12 A/cycle maximum
Load leakage	2 mA maximum at 60 Hz

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ADDITIONAL VERIFIED DATA

Field fuses	One 3 A fast-acting fuse per output
Point isolation	1,000 VAC / 1,500 VDC minimum
Slot keying	I/O slot keys: top 006, bottom 004
Source	Tricon v9-v10 Planning and Installation Guide

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ENGINEERING NOTES

- Use the documented 115 VAC field termination and one fast-acting 3 A fuse per output.
- Supply power to every point, including unused points on non-commoned termination panels.
- Verify load current, surge current and leakage-current suitability.
- Confirm field wiring is isolated before inserting or removing termination hardware.
- Verify each output-state indicator and PASS, FAULT, ACTIVE and LOAD/FUSE indications.
- Perform an authorized output test with the controlled process in a safe state.
- Confirm the configured Output Voter Diagnostics policy and required proof-test interval.
- Check load operation, fuse condition and absence of unintended output transitions.

Verify the exact model, slot keying, field wiring and controlled application before replacement.