

TRICONEX SAFETY SYSTEMS

Product Data Sheet

DO3401 S2

Digital output module

OUTPUT POINTS 16 commoned channels	NOMINAL OUTPUT VOLTAGE 24 V DC	OPERATIONAL VOLTAGE RANG 15–30 V DC	WEIGHT 1.35 kg
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Triconex DO3401 S2 is a Digital output module used with the Trident safety system. Verify the complete product identity and installed configuration before replacement.

01

VERIFIED TECHNICAL DATA

Module Type	TMR digital output module
Output Points	16 commoned channels
Nominal Output Voltage	24 V DC
Operational Voltage Range	15–30 V DC
Maximum Output Voltage	33 V DC
Maximum Reverse Voltage	–0.6 V DC
Switching Current	3 A typical; below 4.8 A limited
Continuous Carry Current	1.5 A typical
Field Alarms	Loss of power and output short detection
Off-state Leakage	Below 1 mA

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ADDITIONAL TECHNICAL DATA

Diagnostic Glitch	500 µs typical; below 2 ms
On-state Voltage Drop	Below 1 V DC at 1.5 A
Loop-back Scan Time	Below 1 ms for all 16 points
Isolation to Protective Earth	500 V DC minimum
Logic Isolation	800 V DC minimum

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PRODUCT IDENTITY AND FUNCTION

The exact DO3401 S2 identity describes a Digital output module. Match its ratings, suffixes, connectors and system position with the installed Triconex equipment. Preserve approved configuration and maintenance records.

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OFFICIAL APPLICATIONS

- Process safety and emergency shutdown maintenance
- Fire and gas protection system lifecycle support
- Exact-model replacement in documented Triconex configurations

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SYSTEM AND COMMERCIAL REFERENCES

Product	DO3401 S2
Manufacturer	Triconex / Schneider Electric
Origin	United States
HS reference	8538900000
Packed size	4.3 × 18.8 × 21.8 cm
Shipping weight	1.35 kg
Warranty	12 months from AMIKON

AMIKON PRODUCT SUPPORT

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