

TRICONEX SAFETY SYSTEMS

Product Data Sheet

AO 3481S2

Analog output module

OUTPUT POINTS 4 commoned-return channels	CONTROLLED OUTPUT RANGE 4–20 mA	OVER-RANGE OUTPUT 0–22 mA	WEIGHT 1.82 kg
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Triconex AO 3481S2 is a Analog 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 analog output module
Output Points	4 commoned-return channels
Controlled Output Range	4–20 mA
Over-range Output	0–22 mA
Zero Output Capability	0 mA step below 2 mA
Output Accuracy	Below 0.25% of 0–22 mA FSR
Resolution	12 bits
Diagnostic Method	Forced-switch diagnostic
Nominal Loop Power	24 V DC external
Maximum Loop Power	32 V DC

02 ADDITIONAL TECHNICAL DATA

Load at 20 V DC	500 Ω
Load at 24 V DC	700 Ω
Over-voltage Protection	36 V DC continuous
Leg-failure Switch Time	1 ms typical; 3 ms maximum
Isolation to Protective Earth	500 V DC minimum

03 PRODUCT IDENTITY AND FUNCTION

The exact AO 3481S2 identity describes a Analog output module. Match its ratings, suffixes, connectors and system position with the installed Triconex equipment. Preserve approved configuration and maintenance records.

04 OFFICIAL APPLICATIONS

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

05 SYSTEM AND COMMERCIAL REFERENCES

Product	AO 3481S2
Manufacturer	Triconex / Schneider Electric
Origin	United States
HS reference	8538900000
Packed size	3.2 × 26.5 × 35.8 cm
Shipping weight	1.82 kg
Warranty	12 months from AMIKON

AMIKON PRODUCT SUPPORT

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