

TRICONEX SAFETY SYSTEM

Product Data Sheet

SDO 3411

Supervised digital output module

FUNCTION Supervised digital output module	FAMILY Triconex safety system	ORIGIN United States	WEIGHT 0.9 kg
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Triconex SDO 3411 is a Supervised digital output module for the Triconex safety system. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Module Type	Supervised digital output module
System Family	Triconex safety controller
Output Architecture	Triple modular redundant channels
Output Service	Supervised discrete field control
Nominal Field Supply	24 V DC circuit power
Voting Method	Two-out-of-three output decision
Circuit Supervision	Open-short field fault monitoring
Online Diagnostics	Continuous output voter testing
Module Indicators	PASS-FAULT-ACTIVE status lamps
Field Indication	Per-point commanded-state display

ADDITIONAL PRODUCT DATA

Backplane Interface	Triplicated Triconex I/O bus
Hot Spare Support	Online replacement arrangement
Configuration Tool	TriStation 1131 project software
Typical Loads	Solenoids-relays-alarm circuits
Return-to-Service Test	Prove supervision and actuation

OFFICIAL APPLICATIONS

- Safety control: Configured shutdown and process-protection logic
- Field integration: Documented input, output or communication circuits
- Lifecycle service: Diagnostics and controlled replacement testing

SYSTEM COMPATIBILITY

Match SDO 3411 to the installed Triconex safety system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

Trident Planning Installation Guide

<https://www.se.com/ww/en/product-range/63717-triconex-safety-systems/>

AMIKON PRODUCT SUPPORT

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