

TRICONEX SAFETY SYSTEM

Product Data Sheet

3603T

120 VDC digital output

FUNCTION 120 VDC digital output	FAMILY Triconex safety system	ORIGIN United States	WEIGHT 2.46 kg
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Triconex 3603T is a 120 VDC digital output for the Triconex safety system. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Module Type	TMR digital output module
Nominal Voltage	120 V DC field circuit
Output Points	16 commoned channels
Voltage Range	90 to 150 V DC
Typical Voltage Drop	Below 1.5 V on state
Maximum Point Current	0.8 A continuous output
Surge Capability	4 A for 10 ms
Off-State Leakage	2 mA maximum current
Point Isolation	2500 V DC dielectric withstand
Point Fuse	1.0 A fast-acting device

ADDITIONAL PRODUCT DATA

Diagnostics	Output-voltage loopback testing
Module Indicators	PASS-FAULT-ACTIVE-LOAD display
Hot Spare	Supported with matching termination
Termination Panel	9664-810F commoned interface
Safety Architecture	Two-out-of-three voted output

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 3603T 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

Tricon Technical Product Guide

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

AMIKON PRODUCT SUPPORT

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