

TRICONEX SAFETY SYSTEM

Product Data Sheet

3625C1

TMR digital output module

FUNCTION TMR digital output module	FAMILY Triconex safety system	ORIGIN United States	WEIGHT 2 kg
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Triconex 3625C1 is a TMR 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	TMR digital output module
Nominal Voltage	24 V DC field supply
Output Signals	32 commoned output points
Operating Range	16 to 32 V DC
Maximum Voltage	36 V DC continuous limit
Point Current	1.7 A maximum channel load
Surge Rating	7 A for 10 ms
Minimum Load	10 mA supervised circuit
Leakage Current	4 mA maximum off state
Voltage Drop	Below 2.8 V at 1.7 A

ADDITIONAL PRODUCT DATA

Module Load	Less than 13 W logic demand
Protection Method	Self-protecting output circuit
Output Voting	Quadruplicated TMR voter topology
Hot Spare	Online replacement supported
Termination Family	9662 or 9671 panel interface

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 3625C1 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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