

TRICONEX SAFETY SYSTEM

Product Data Sheet

3625A

Supervised digital output module

FUNCTION Supervised digital output module	FAMILY Triconex safety system	ORIGIN United States	WEIGHT 2.06 kg
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Triconex 3625A 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

Component Type	Supervised digital output module
Order Reference	3625A
System Platform	Triconex safety control system
Primary Function	Supervised final-element control
Channel or Port Capacity	32 commoned output points
Electrical Classification	24 V DC field outputs
Compatible Hardware	9662-610 termination family
Mounting Arrangement	Tricon I/O chassis
Connection Interface	Supervised and non-supervised circuits
Diagnostic Coverage	Output voter and field-loopback tests

ADDITIONAL PRODUCT DATA

Documented Variant	Standard 3625A hardware
Operating Environment	0 to 60 °C controller service
Storage Environment	–40 to 75 °C equipment storage
Relative Humidity	5 to 95% non-condensing
Commissioning Requirement	Verify every affected safety path

OFFICIAL APPLICATIONS

- Control 32 commoned outputs: Retain each channel selection for supervised or non-supervised operation.
- Field circuit diagnosis: Use loopback information to distinguish wiring faults from internal output faults.
- Final-element testing: Operate each affected load under permit and record its de-energize-to-trip response.

SYSTEM COMPATIBILITY

Match 3625A 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/work/products/industrial-automation-control/triconex-safety-systems/>

AMIKON PRODUCT SUPPORT

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