

TRICONEX SAFETY SYSTEM

Product Data Sheet

3625N

Nuclear digital output module

FUNCTION Nuclear digital output module	FAMILY Triconex safety system	ORIGIN United States	WEIGHT 2.04 kg
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Triconex 3625N is a Nuclear 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	Nuclear digital output module
Order Reference	3625N
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	9662-610N or 9662-810N panel
Mounting Arrangement	Tricon I/O chassis
Connection Interface	Supervised or non-supervised circuits
Diagnostic Coverage	TMR output voting and loopback tests

ADDITIONAL PRODUCT DATA

Documented Variant	Nuclear equivalent of 3625
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

- Drive commoned 24 V final elements: Preserve the supervised or non-supervised mode selected for each output circuit.
- Output supervision: Investigate open-load, field-power and loopback diagnostics before reset.
- Nuclear actuator proof: Command each permitted point and verify the correct solenoid or relay changes state.

SYSTEM COMPATIBILITY

Match 3625N 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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