

TRICONEX SAFETY SYSTEM

Product Data Sheet

4200N

Nuclear primary extender module

FUNCTION Nuclear primary extender module	FAMILY Triconex safety system	ORIGIN United States	WEIGHT 1.88 kg
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Triconex 4200N is a Nuclear primary extender 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 primary extender module
Order Reference	4200N
System Platform	Triconex safety control system
Primary Function	Transmits I/O bus to remote chassis
Channel or Port Capacity	Up to three remote sites
Electrical Classification	Multimode fibre up to 2 km
Compatible Hardware	4201N remote RXM sets
Mounting Arrangement	Primary Tricon chassis
Connection Interface	Six fibres per remote location
Diagnostic Coverage	PASS-FAULT-ACTIVE-TX-RX1-RX2-RX3

ADDITIONAL PRODUCT DATA

Documented Variant	Nuclear 1E primary module
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

- Feed up to three remote sites: Assign the RX1, RX2 and RX3 paths to the documented expansion locations.
- Ground-loop isolation: Use the optical connection to separate remote cabinet grounds from the main chassis.
- Network path diagnostics: Inspect PASS, FAULT and transmit indicators for every active fibre route.

SYSTEM COMPATIBILITY

Match 4200N 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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