

TRICONEX SAFETY SYSTEM

Product Data Sheet

4201N

Nuclear remote extender module

FUNCTION	FAMILY	ORIGIN	WEIGHT
Nuclear remote extender module	Triconex safety system	United States	1.88 kg

Triconex 4201N is a Nuclear remote 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 remote extender module
Order Reference	4201N
System Platform	Triconex safety control system
Primary Function	Receives remote Tricon I/O-bus traffic
Channel or Port Capacity	One remote site per RXM set
Electrical Classification	Multimode fibre up to 2 km
Compatible Hardware	4200N primary RXM set
Mounting Arrangement	Remote expansion chassis
Connection Interface	Six ST fibre connections
Diagnostic Coverage	PASS-FAULT-ACTIVE-TX-RX indicators

Documented Variant	Nuclear 1E remote 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

- Receive triplicated bus traffic: Install the remote RXM set at the expansion location and verify all three channels.
- Fibre-link supervision: Observe TX and RX indications while checking the multimode links from the primary chassis.
- Remote chassis recovery: Confirm module communication before enabling the I/O carried by the remote enclosure.

Match 4201N to the installed Triconex safety system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Tricon Technical Product Guide](#)

<https://www.se.com/ww/en/work/products/industrial-automation-control/triconex-safety-systems/>

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