

TRICONEX SAFETY SYSTEM

Product Data Sheet

4211

Single-mode remote extender module

FUNCTION Single-mode remote extender module	FAMILY Triconex safety system	ORIGIN United States	WEIGHT 2.65 kg
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Triconex 4211 is a Single-mode 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	Single-mode remote extender module
Order Reference	4211
System Platform	Triconex safety control system
Primary Function	Receives single-mode remote I/O bus
Channel or Port Capacity	One remote site per set
Electrical Classification	Single-mode fibre up to 12 km
Compatible Hardware	4210 primary RXM set
Mounting Arrangement	Remote expansion chassis
Connection Interface	Six ST fibre connections
Diagnostic Coverage	PASS-FAULT-ACTIVE-TX-RX indicators

ADDITIONAL PRODUCT DATA

Documented Variant	Remote single-mode RXM
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

- Receive three single-mode channels: Install the remote RXM set in the expansion location and connect each fibre to the matching primary 4210 path.
- Isolate remote cabinet grounds: Preserve the optical boundary and specialised fibre routing between the main and remote Tricon enclosures.
- Restore remote chassis service: Confirm receive, transmit, PASS and FAULT indications before enabling the I/O modules carried by the remote chassis.

SYSTEM COMPATIBILITY

Match 4211 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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