

TRICONEX SAFETY SYSTEM

Product Data Sheet

8110

Main controller chassis

FUNCTION Main controller chassis	FAMILY Triconex safety system	ORIGIN United States	WEIGHT 24.7 kg
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Triconex 8110 is a Main controller chassis for the Triconex safety system. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Product Class	Main controller chassis
System Platform	Tricon fault-tolerant controller
Mechanical Format	19-inch industrial rack assembly
Chassis Fabrication	Black zinc-plated welded steel
Overall Width	48.3 cm cabinet span
Overall Height	57.8 cm installed frame
Overall Depth	45.1 cm enclosure clearance
I/O Bus Architecture	Three isolated RS-485 channels
I/O Bus Rate	375 kbit/s triplicated transfer
Communication Bus Rate	2 Mbit/s module link

ADDITIONAL PRODUCT DATA

Expansion Ports	Six backplane bus connectors
Controller Keyswitch	RUN-PROGRAM-STOP-REMOTE selection
Module Retention	Mechanically keyed slot guides
Engineering Software	TriStation 1131 configuration
Safety Architecture	Triple modular redundant operation

OFFICIAL APPLICATIONS

- Safety control: Configured shutdown and process-protection logic
- Field integration: Documented input, output or communication circuits
- Lifecycle service: Diagnostics and controlled replacement testing

SYSTEM COMPATIBILITY

Match 8110 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/product-range/63717-triconex-safety-systems/>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM