

TRICONEX SAFETY SYSTEM

Product Data Sheet

3510

Pulse input module

FUNCTION Pulse input module	FAMILY Triconex safety system	ORIGIN United States	WEIGHT 2.85 kg
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Triconex 3510 is a Pulse input 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	Pulse input module
Order Reference	3510
System Platform	Triconex safety control system
Primary Function	Acquires rotating-equipment speed pulses
Channel or Port Capacity	Eight differential pulse inputs
Electrical Classification	AC-coupled magnetic pickup signals
Compatible Hardware	9753-110 termination panel
Mounting Arrangement	Tricon I/O chassis
Connection Interface	Sensitive frequency-input circuits
Diagnostic Coverage	TMR pulse processing and diagnostics

ADDITIONAL PRODUCT DATA

Documented Variant	Legacy pulse input hardware
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

- Acquire magnetic pickup pulses: Connect differential AC signals from rotating-equipment speed probes with correct polarity.
- Frequency monitoring: Compare indicated frequency with a traceable pulse source across the operating range.
- Overspeed proof: Confirm the configured speed threshold and associated trip path during commissioning.

SYSTEM COMPATIBILITY

Match 3510 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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