

TRICONEX SAFETY SYSTEM

Product Data Sheet

3000510-180

Digital input termination assembly

FUNCTION Digital input termination assembly	FAMILY Triconex safety system	ORIGIN United States	WEIGHT 0.3 kg
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Triconex 3000510-180 is a Digital input termination assembly for the Triconex safety system. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Type	Digital input termination assembly
Order Reference	3000510-180
System Platform	Triconex safety control system
Primary Function	Forms digital input ETA interface
Channel or Port Capacity	One termination assembly
Electrical Classification	115 VAC or VDC input circuits
Compatible Hardware	9561-810 termination panel
Mounting Arrangement	External cabinet assembly
Connection Interface	4000187-110 cable family
Diagnostic Coverage	Input-state and continuity testing

ADDITIONAL PRODUCT DATA

Documented Variant	ETA for 9561-810
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

- Interface the 9561-810 panel: Keep the termination assembly and cable family paired with the 115 V input hardware.
- Cabinet retermination: Transfer grouped commons, field conductors and identifiers without cross-wiring.
- Discrete input proof: Exercise each connected contact and verify the reported controller state.

SYSTEM COMPATIBILITY

Match 3000510-180 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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