

INDUSTRIAL AUTOMATION PRODUCT

3000510-180

9561-810 Digital Input ETA Assembly

Triconex 3000510-180 is the ETA assembly number associated with the 9561-810 digital input termination panel. It connects fused 115 V AC/VDC field inputs to compatible Tricon modules.

IDENTITY	VERIFIED VALUE
Manufacturer	Triconex
System family	Tricon v9-v10 field termination assembly
Part number	3000510-180
Country	USA
HS code	8537101190

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Technical Specifications

Technical values below are limited to the named Triconex product record.

PARAMETER	TECHNICAL VALUE
ETA assembly number	3000510-180
Termination model	9561-810
Panel type	Commoned
Nominal field voltage	115 V AC/VDC
Input points	16
Point protection	1 A slow fuse
Fuse indication	Blown-fuse indicator per point
Leakage current maximum	3.3 mA per point
Leakage current typical	2.5 mA per point
Compatible modules	3501E; 3501T
Points per module	32
Panels per module	2
Associated cable	4000093-110

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System Role and Architecture

Triconex 3000510-180 is the ETA assembly number associated with the 9561-810 digital input termination panel. It connects fused 115 V AC/VDC field inputs to compatible Tricon modules.

FUNCTION 1

Provides the external termination assembly identified with panel model 9561-810

FUNCTION 2

Terminates sixteen commoned 115 V AC/VDC digital input circuits

FUNCTION 3

Fuses each input and indicates an open point fuse

FUNCTION 4

Pairs with two panels per thirty-two-point 3501E or 3501T input module

Matched system components

- 9561-810 termination panel
- 3501E or 3501T digital-input module
- 4000093-110 I/O cable
- 115 V AC/VDC input circuits

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	9561-810 termination panel
Companion hardware	3501E or 3501T digital-input module
Field connection	4000093-110 I/O cable
Primary system function	Provides the external termination assembly identified with panel model 9561-810
Controlled acceptance duty	115 V shutdown-permissive termination

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Applications and Engineering Context

115 V shutdown-permissive termination

Provides the external termination assembly identified with panel model 9561-810

Fused AC/DC field-state interface

Terminates sixteen commoned 115 V AC/VDC digital input circuits

Thirty-two-point 3501 input split-panel wiring

Fuses each input and indicates an open point fuse

Legacy ETA identity verification

Pairs with two panels per thirty-two-point 3501E or 3501T input module

TECHNICAL NOTE

Verify both the 3000510-180 assembly number and 9561-810 panel marking, retain the correct half-module labels, and prove fuse indication plus field-state transfer after installation.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	3000510-180 / 3000510-180 recorded
Physical interface	9561-810 termination panel
Companion check	3501E or 3501T digital-input module
Functional proof	Provides the external termination assembly identified with panel model 9561-810
Application test	115 V shutdown-permissive termination

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Engineering Precautions

1

Verify 3000510-180 and the 9561-810 panel marking before replacement.

2

Isolate the 115 V AC/VDC field source and prove every input conductor safe.

3

Record whether the panel carries channels 1-16 or 17-32.

4

Use the documented one-amp slow fuse and inspect each blown-fuse indicator.

5

Check field leakage against the connected input device and module threshold.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Triconex 3504E	High-Density Digital Input Module	Open product page
Triconex 3008	Main Processor Module	Open product page
Triconex 4210	Remote Extender Module Set	Open product page
Triconex 4119A	Enhanced Intelligent Communication Module	Open product page

MANUFACTURER SOURCE RECORD

Field Terminations Guide for Tricon v9-v10 Systems

9700052-018, February 2009

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