

INDUSTRIAL AUTOMATION PRODUCT

9563-810

16-Point 24 V Digital Input Termination Panel

Triconex 9563-810 is a commoned sixteen-point 24 V digital input termination panel. It interfaces fused field-state circuits with compatible Tricon TMR input modules.

IDENTITY	VERIFIED VALUE
Manufacturer	Triconex
System family	Tricon v9-v10 digital input termination
Part number	9563-810
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
Panel type	Commoned
Nominal field voltage	24 V AC/VDC
Input points	16
Power terminals	Commoned PWR+ / PWR-
Leakage current maximum	3.3 mA per point
Leakage current typical	2.5 mA per point
Point protection	1 A slow fuse
Fuse indication	Blown-fuse indicator per point
Compatible modules	3503E; 3505E
Points per compatible module	32
Panels per module	2
Panel width	4.5 in (11.43 cm)
Panel length	5 in (12.7 cm)
Panel height	4.25 in (10.795 cm)
ETA number	3000510-380
Associated cable	4000093-310

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System Role and Architecture

Triconex 9563-810 is a commoned sixteen-point 24 V digital input termination panel. It interfaces fused field-state circuits with compatible Tricon TMR input modules.

FUNCTION 1

Terminates sixteen commoned 24 V digital input circuits

FUNCTION 2

Protects each field point with a slow fuse and blown-fuse indicator

FUNCTION 3

Pairs two panels with one thirty-two-point 3503E or 3505E module

FUNCTION 4

Provides separate channel-label sets for the first and second half of the module

Matched system components

- 3503E or 3505E digital-input module
- 4000093-310 I/O cable
- 24 V AC/VDC field supply
- fused contact or sensor input circuits

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	3503E or 3505E digital-input module
Companion hardware	4000093-310 I/O cable
Field connection	24 V AC/VDC field supply
Primary system function	Terminates sixteen commoned 24 V digital input circuits
Controlled acceptance duty	Fused permissive and interlock input termination

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Applications and Engineering Context

Fused permissive and interlock input termination

Terminates sixteen commoned 24 V digital input circuits

Thirty-two-point DI split-panel wiring

Protects each field point with a slow fuse and blown-fuse indicator

3505E low-threshold input installations

Pairs two panels with one thirty-two-point 3503E or 3505E module

Blown-fuse diagnostic maintenance

Provides separate channel-label sets for the first and second half of the module

TECHNICAL NOTE

Confirm the selected channel-label set, measure field leakage against the input device, and prove fuse indication and ON/OFF state transfer after reconnecting 9563-810.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	9563-810 / 9563-810 recorded
Physical interface	3503E or 3505E digital-input module
Companion check	4000093-310 I/O cable
Functional proof	Terminates sixteen commoned 24 V digital input circuits
Application test	Fused permissive and interlock input termination

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Engineering Precautions

1

Verify 9563-810 and the 24 V input-module assignment before wiring work.

2

Place the affected interlocks in their approved maintenance state and isolate field power.

3

Record whether the panel is labeled 1-16 or 17-32 before removing conductors.

4

Use only the documented one-amp slow fuse for each protected point.

5

Check aggregate field leakage against the connected sensor and module thresholds.

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

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