

INDUSTRIAL AUTOMATION PRODUCT

9662-810

Fused 16-Point 24 VDC DO Termination Panel

Triconex 9662-810 is a fused sixteen-point commoned 24 VDC digital output termination panel. It connects a 3604E module to protected field loads.

IDENTITY	VERIFIED VALUE
Manufacturer	Triconex
System family	Tricon v9-v10 digital output termination
Part number	9662-810
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 VDC
Load terminals	16
Power terminals	Commoned PWR+ / PWR-
Maximum total current	16 A
Point protection	2.5 A fast fuse
Fuse indication	Blown-fuse indicator per point
Compatible module	3604E
Compatible module points	16
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	3000520-380
Associated cable	4000094-310

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System Role and Architecture

Triconex 9662-810 is a fused sixteen-point commoned 24 VDC digital output termination panel. It connects a 3604E module to protected field loads.

FUNCTION 1

Terminates sixteen commoned 24 VDC outputs from a 3604E module

FUNCTION 2

Protects each load point with a fast fuse and visual blown-fuse indication

FUNCTION 3

Commons the panel field-power supply through PWR+ and PWR- terminals

FUNCTION 4

Provides a one-panel field interface for all sixteen 3604E output points

Matched system components

- 3604E digital-output module
- 4000094-310 I/O cable
- 24 VDC commoned field supply
- sixteen protected DC loads

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	3604E digital-output module
Companion hardware	4000094-310 I/O cable
Field connection	24 VDC commoned field supply
Primary system function	Terminates sixteen commoned 24 VDC outputs from a 3604E module
Controlled acceptance duty	Fused solenoid-output termination

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Applications and Engineering Context

Fused solenoid-output termination

Terminates sixteen commoned 24 VDC outputs from a 3604E module

3604E field-load interface

Protects each load point with a fast fuse and visual blown-fuse indication

Blown-fuse diagnostic maintenance

Commons the panel field-power supply through PWR+ and PWR- terminals

Sixteen-point commoned output cabinet

Provides a one-panel field interface for all sixteen 3604E output points

TECHNICAL NOTE

Match 9662-810 only to the documented 3604E arrangement, install the correct fast fuses, and prove every output plus its blown-fuse indication after reconnecting field power.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	9662-810 / 9662-810 recorded
Physical interface	3604E digital-output module
Companion check	4000094-310 I/O cable
Functional proof	Terminates sixteen commoned 24 VDC outputs from a 3604E module
Application test	Fused solenoid-output termination

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Engineering Precautions

1

Verify 9662-810 and the connected 3604E module before wiring work.

2

Place all sixteen commanded loads in their approved safe condition.

3

Isolate commoned 24 VDC power and record PWR+ and PWR- polarity.

4

Use the specified two-and-a-half-amp fast fuse at each point.

5

Inspect every blown-fuse indicator and replace only the affected fuse.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Triconex 3664	Dual Digital Output Module	Open product page
Triconex 9662-610	24 VDC Digital Output Termination Panel	Open product page
Triconex 3008	Main Processor Module	Open product page
Triconex 8312	230 VAC Power Module	Open product page

MANUFACTURER SOURCE RECORD

Field Terminations Guide for Tricon v9-v10 Systems

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