

9662-810

Fused 16-Point 24 VDC DO Termination Panel

CONTROLLED ENGINEERING COPY

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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	9662-810
Manufacturer part	9662-810
Hardware type	Commoned
System family	Tricon v9-v10 digital output termination



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01 PRE-INSTALLATION PLAN

- 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.

MATCHED HARDWARE

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

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
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

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED 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

FIELD 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.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	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

04 RETURN-TO-SERVICE RECORD

- ☐ Keep total panel current inside the sixteen-ampere limit.
- ☐ Seat cable 4000094-310 and verify all sixteen channel identities.
- ☐ Command each output and test fuse indication before returning the panel to service.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN

DATE

CABINET / POSITION

FINAL DIAGNOSTIC STATE

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

SOURCE IDENTIFIERS

Field Terminations Guide for Tricon v9-v10 Systems
9700052-018, February 2009

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