

9662-610

16-Point 24 VDC Digital Output Termination Panel

CONTROLLED ENGINEERING COPY

Use 9662-610 only with the listed self-protected modules, observe the panel current limit, and install the required supervised-point load before validating LOAD/FUSE diagnostics.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	9662-610
Manufacturer part	9662-610
Hardware type	Commoned
System family	Tricon v9-v10 digital output termination



APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



01 PRE-INSTALLATION PLAN

- 1

Verify the 9662-610 panel label and module pairing before disconnecting any load.
- 2

Isolate commoned 24 VDC power and prove the field loads de-energized.
- 3

For a thirty-two-point module, identify whether the panel carries channels 1-16 or 17-32.
- 4

Do not use 9662-610 with a digital-output module that is not self-protected.
- 5

Keep total panel current within sixteen amperes and within ten amperes when paired with 3625.

MATCHED HARDWARE

- 3624 or 3625 TMR digital-output module
- 3664 or 3674 dual digital-output module
- 4000094-310 I/O cable
- 24 VDC load supply and protected field loads

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	9662-610 / 9662-610 recorded
Physical interface	3624 or 3625 TMR digital-output module
Companion check	3664 or 3674 dual digital-output module
Functional proof	Terminates sixteen 24 VDC sourced digital-output load circuits
Application test	Commoned 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
Total current with 3625	10 A maximum per panel
Compatible TMR modules	3624; 3625
Compatible dual modules	3664; 3674
3624 points	16
3625 / 3664 / 3674 points	32
Protection requirement	Self-protected modules only
Panel width	4.5 in (11.43 cm)
Panel length	5 in (12.7 cm)
Panel height	4.25 in (10.795 cm)

FIELD NOTE

Use 9662-610 only with the listed self-protected modules, observe the panel current limit, and install the required supervised-point load before validating LOAD/FUSE diagnostics.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	9662-610 / 9662-610 recorded
Physical interface	3624 or 3625 TMR digital-output module
Companion check	3664 or 3674 dual digital-output module
Functional proof	Terminates sixteen 24 VDC sourced digital-output load circuits
Application test	Commoned solenoid-output termination

04 RETURN-TO-SERVICE RECORD

- ☐ Install the documented load or test resistor on supervised unused points.
- ☐ Inspect the 4000094-310 cable and its backplane connector before energization.
- ☐ Exercise each output and confirm commanded state, load current, and module diagnostics.
- ☐ 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 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
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