

9563-810

16-Point 24 V Digital Input Termination Panel

CONTROLLED ENGINEERING COPY

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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	9563-810
Manufacturer part	9563-810
Hardware type	Commoned
System family	Tricon v9-v10 digital input 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 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.

MATCHED HARDWARE

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

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
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

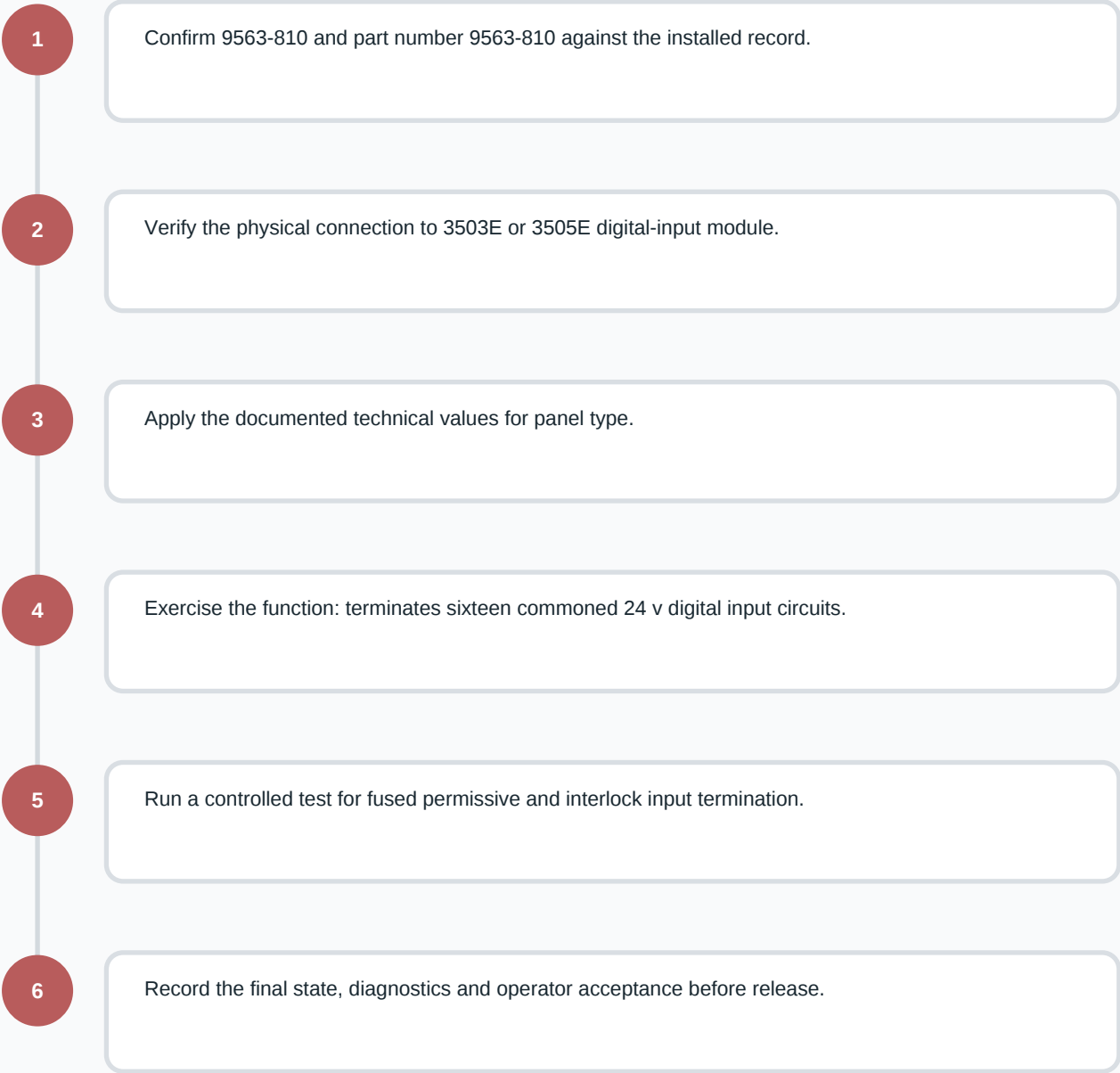
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED 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)

FIELD 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.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	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

04 RETURN-TO-SERVICE RECORD

- ☐ Inspect commoned PWR+ and PWR- terminations for polarity and secure clamping.
- ☐ Seat cable 4000093-310 without bending or loading the panel connector.
- ☐ Prove fuse indication, OFF/ON transitions, and the associated safety logic before release.
- ☐ 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 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

SOURCE IDENTIFIERS

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

APTER POWER SALES TEAM

WHATSAPP / PHONE+86 180 3023 5313

EMAILsales13@apterpower.com

WEBSITEwww.apterpower.com

