

3000510-180

9561-810 Digital Input ETA Assembly

CONTROLLED ENGINEERING COPY

Verify both the 3000510-180 assembly number and 9561-810 panel marking, retain the correct half-module labels, and prove fuse indication plus field-state transfer after installation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	3000510-180
Manufacturer part	3000510-180
Hardware type	3000510-180
System family	Tricon v9-v10 field termination assembly



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01 PRE-INSTALLATION PLAN

- 1

Verify 3000510-180 and the 9561-810 panel marking before replacement.
- 2

Isolate the 115 V AC/VDC field source and prove every input conductor safe.
- 3

Record whether the panel carries channels 1-16 or 17-32.
- 4

Use the documented one-amp slow fuse and inspect each blown-fuse indicator.
- 5

Check field leakage against the connected input device and module threshold.

MATCHED HARDWARE

- 9561-810 termination panel
- 3501E or 3501T digital-input module
- 4000093-110 I/O cable
- 115 V AC/VDC input circuits

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	3000510-180 / 3000510-180 recorded
Physical interface	9561-810 termination panel
Companion check	3501E or 3501T digital-input module
Functional proof	Provides the external termination assembly identified with panel model 9561-810
Application test	115 V shutdown-permissive termination

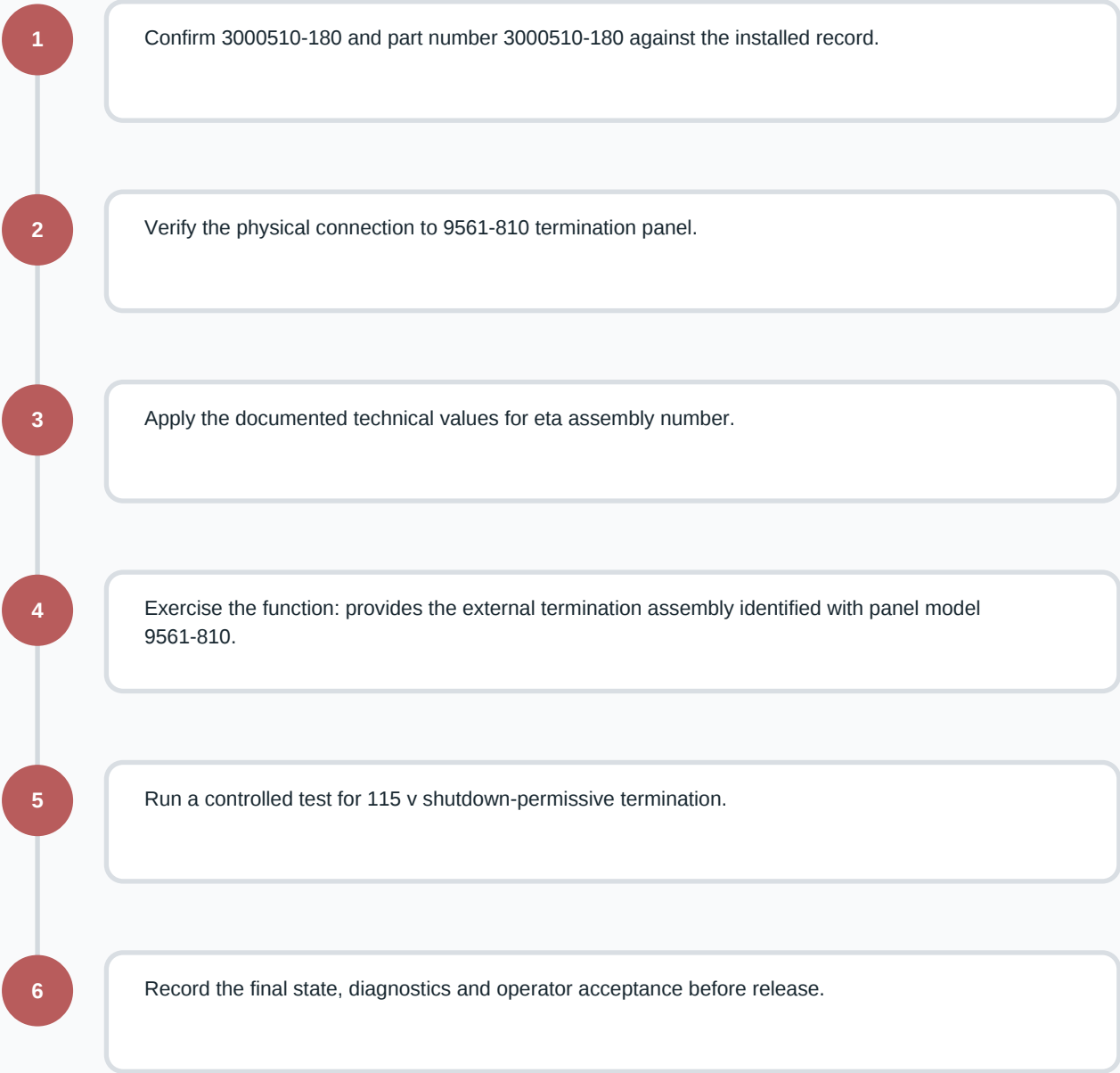
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
ETA assembly number	3000510-180
Termination model	9561-810
Panel type	Commoned
Nominal field voltage	115 V AC/VDC
Input points	16
Point protection	1 A slow fuse
Fuse indication	Blown-fuse indicator per point
Leakage current maximum	3.3 mA per point
Leakage current typical	2.5 mA per point
Compatible modules	3501E; 3501T
Points per module	32
Panels per module	2
Associated cable	4000093-110

FIELD NOTE

Verify both the 3000510-180 assembly number and 9561-810 panel marking, retain the correct half-module labels, and prove fuse indication plus field-state transfer after installation.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	3000510-180 / 3000510-180 recorded
Physical interface	9561-810 termination panel
Companion check	3501E or 3501T digital-input module
Functional proof	Provides the external termination assembly identified with panel model 9561-810
Application test	115 V shutdown-permissive termination

04 RETURN-TO-SERVICE RECORD

- ☐ Confirm the matching module is 3501E or 3501T and that two panels serve its thirty-two points.
- ☐ Seat cable 4000093-110 without stressing the ETA connector.
- ☐ Test each assigned state and related safety logic 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 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

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