



T8110B

Trusted Triple Modular Redundant Processor



INSTALLATION AND COMMISSIONING WORKBOOK

1

IDENTIFY

2

ISOLATE

3

INSTALL

4

VERIFY

Preparation gate

Complete these checks before disconnecting the installed product.

1	Verify the complete T8110B marking, hardware revision and serial number.	☐
2	Place the Trusted application and process in the approved maintenance state.	☐
3	Use ESD precautions and isolate the affected chassis work as specified.	☐
4	Confirm the T8100 chassis slot and mating connector condition.	☐

PRE-WORK RECORD

Work order	_____	Drawing / revision	_____
Checked by	_____	Date	_____

Installation and connection sequence

Install T8110B only in a T8100 chassis using ESD controls and the module ejectors; record type, revision and serial number before exchange. After restoring the application and SYSTEM.INI settings, verify processor synchronization, communications, I/O status and event handling before enabling the process.

05

Record SYSTEM.INI values and the current application release before removal.

06

Insert the processor with the ejectors; never force the module connector.

07

Restore the approved application and confirm processor synchronization.

08

Validate communications, I/O status, diagnostics, SOE transfer and controlled outputs.

Commissioning record

Record the controlled checks used to release this exact product.

1. Identity / article	PASS / FAIL	_____

2. Mechanical installation	PASS / FAIL	_____

3. Power / wiring	PASS / FAIL	_____

4. Grounding / shielding	PASS / FAIL	_____

5. Configuration	PASS / FAIL	_____

6. Signal response	PASS / FAIL	_____

7. Diagnostics / alarms	PASS / FAIL	_____

8. Final release	PASS / FAIL	_____

MODEL-SPECIFIC ACCEPTANCE

Confirm the T8110B model and revision, T8100 chassis, partner processor state, application and SYSTEM.INI versions, communications adapters, inter-module bus health, time synchronization, licenses and a controlled functional test before release.

Engineering navigation and closeout

Eight different validated product pages for related system planning.

VALIDATED RELATED ENGINEERING PAGES	
01	T8800 Apter Power product page
02	T9881 Apter Power product page
03	T9851 Apter Power product page
04	T8122 Apter Power product page
05	T9082U Apter Power product page
06	T9431 Apter Power product page
07	TC-215-02-10M5 Apter Power product page
08	TC-215-02-12M5 Apter Power product page

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE

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