APTER POWER FIELD ENGINEERING

T8403C

Trusted TMR 24 Vdc Digital Input Module

INSTALLATION AND COMMISSIONING WORKBOOK

1	2	3	4
IDENTIFY	ISOLATE	INSTALL	VERIFY

Preparation gate

Complete these checks before disconnecting the installed product.

1	Confirm T8403C, hardware revision and the assigned Trusted slot.	☐
2	Isolate the affected field input supply before disconnecting terminals.	☐
3	Record all 40 channel numbers, commons, shields and field references.	☐
4	Confirm termination assembly and companion-slot keying where applicable.	☐

PRE-WORK RECORD

Work order _____ Drawing / revision _____

Checked by _____ Date _____

Installation and connection sequence

Install T8403C in a T8100 or T8300 I/O-module slot with the matched digital-input termination hardware. Verify all 40 field-voltage channels, configurable thresholds, SOE variables and application diagnostics after the module is recognized.

05 Restore the approved Toolset module type, thresholds and SOE variables.

06 Check measured voltage against known field states for every channel.

07 Review slice discrepancy, line-fault and timestamp diagnostics.

08 Complete controlled input transitions and application response checks before release.

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 T8403C identity and revision, T8100/T8300 slot, termination assembly, 40-channel terminal map, field commons and grounding, threshold and SOE configuration, Toolset and application versions, diagnostics and controlled input tests before commissioning.

Engineering navigation and closeout

Eight different validated product pages for related system planning.

VALIDATED RELATED ENGINEERING PAGES	
01	T8850C Apter Power product page
02	T8850 Apter Power product page
03	T8830 Apter Power product page
04	T8461CX Apter Power product page
05	T8800 Apter Power product page
06	T9881 Apter Power product page
07	T9851 Apter Power product page
08	T8122 Apter Power product page

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE

Trusted TMR 24 Vdc Digital Input Module 40 Channel | ICSTT-RM271Q-EN-P, August 2021

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T8403C