

T8403

Trusted TMR 24 VDC digital input module

CONTROLLED ENGINEERING COPY

Record the T8403 slot, field-termination identity, channel mapping, discrepancy settings and 24 VDC commons; isolate field energy and prove every safety input before the application returns to service.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	T8403
Manufacturer part	T8403
Hardware type	Digital input
System family	ICS Triplex Trusted TMR I/O
HS code	8537101190



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 complete T8403 marking and its assigned ICS Triplex Trusted TMR I/O position before work.
- 2

Place the connected safety-interlock input acquisition process in the approved maintenance state.
- 3

Isolate applicable power and 24 vdc discrete safety and interlock input states field energy before disconnecting conductors.
- 4

Record connector, conductor, address, firmware and software identities before removal.
- 5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

MATCHED HARDWARE

- Trusted controller chassis
- matching field termination assembly
- 24 VDC field circuits
- Trusted System configuration and diagnostics

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	T8403 / T8403 recorded
Physical interface	Trusted controller chassis
Companion check	matching field termination assembly
Functional proof	Acquires twenty-four-volt discrete field states
Application test	Safety-interlock input acquisition

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Module type	Digital input
Field voltage	24 V DC
Input architecture	Trusted TMR
Scan factor	4 ms
Input scaling	512 counts per volt
Default discrepancy threshold	250 counts

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	Trusted controller chassis
Companion hardware	matching field termination assembly
Field connection	24 VDC field circuits
Primary system function	Acquires twenty-four-volt discrete field states
Controlled acceptance duty	Safety-interlock input acquisition

FIELD NOTE

Record the T8403 slot, field-termination identity, channel mapping, discrepancy settings and 24 VDC commons; isolate field energy and prove every safety input before the application returns to service.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	T8403 / T8403 recorded
Physical interface	Trusted controller chassis
Companion check	matching field termination assembly
Functional proof	Acquires twenty-four-volt discrete field states
Application test	Safety-interlock input acquisition

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed Trusted controller chassis and matching field termination assembly against the approved project.

☐☐☐

VERIFICATION RECORD

PRODUCT IDENTITY	T8403
INSTALLED POSITION	Documented ICS Triplex Trusted TMR I/O position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Honeywell 8C-TAIXA1-51307127-175	Related industrial automation product	View Honeywell 8C-TAIXA1-51307127-175 page
Honeywell MU-TAIH02-51304453-100	Related industrial automation product	View Honeywell MU-TAIH02-51304453-100 page
Honeywell CC-PCNT01-51405046-175	Related industrial automation product	View Honeywell CC-PCNT01-51405046-175 page
Honeywell FC-TSAO-0220M	Related industrial automation product	View Honeywell FC-TSAO-0220M page
Honeywell 51305776-100	Related industrial automation product	View Honeywell 51305776-100 page
ABB DSMB127-57360001-HG	Related industrial automation product	View ABB DSMB127-57360001-HG page
ABB DSDX454-5716075-AT	Related industrial automation product	View ABB DSDX454-5716075-AT page
ABB DSDX451L-5716075-AH-VERIFICATI	Related industrial automation product	View ABB DSDX451L-5716075-AH-VERIFICATI page

SOURCE IDENTIFIERS

Rockwell Automation ICS Triplex Trusted TMR Processor and System Reference Manual
ICSTT-RM251

APTER POWER SALES TEAM

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

