

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ICS Triplex T8448C

Product Reference

Rockwell Automation conformally coated TMR 24 VDC Zone Interface Module

DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited Rockwell Automation manufacturer sources. No product photograph is included.

Product / lookup identity	ICS Triplex T8448C
Reference number	T8448C
Document basis	Published Rockwell Automation product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ICS-Triplex/t8448c>
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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

ICS Triplex T8448C is an evidence-bounded conformally coated TMR 24 VDC Zone Interface Module. System role: It provides a 40-channel Trusted TMR zone interface with internal 2oo3 safety architecture for documented input and output applications. System context: Rockwell Automation conformally coated TMR 24 VDC Zone Interface Module.

Published field	Manufacturer-published value or verified identity note
Exact model	T8448C
Product role	Triplicated 24 VDC Zone Interface Module
Channels	40
Safety architecture	Internal 2oo3
Keying pins	1, 7 and 9
Configuration	Single or active/standby, subject to manual conditions
Conformal coating	C suffix

System function and signal path

01	System Inputs: It provides a 40-channel Trusted TMR zone interface with internal 2oo3 safety architecture for documented input and output applications.
02	Processing: Use only in a verified Trusted chassis, field-termination, cable, firmware and application configuration following the current Trusted manuals.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for ICS Triplex T8448C.

2 System documentation: Provides a source-traceable boundary for the documented Trusted TMR system configuration.

3 Commissioning review: Guides identity, companion-hardware, wiring and controlled functional checks before return to service.

4 Migration assessment: Separates exact-model facts from successor, sibling and family-level information.

Frequently asked questions

What is ICS Triplex T8448C?	It is an evidence-bounded conformally coated TMR 24 VDC Zone Interface Module; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Exact Model.
What is its system role?	It provides a 40-channel Trusted TMR zone interface with internal 2oo3 safety architecture for documented input and output applications.
Which installed-base context is documented?	Trusted TMR system.
Are related models automatic substitutes?	No. A sibling, repair code, suffix or engineering replacement is not an unconditional drop-in approval.
Must the physical label be checked?	Yes. Verify the model, revision, firmware and all order or configuration suffixes.

Official Rockwell Automation sources

Trusted TMR System	https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icstt-rm459_-en-p.pdf
T8448 Zone Interface Module Manual	https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icstt-rm278_-en-p.pdf