

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ICS Triplex T8448C

T8448C Evidence-Bounded Product Information Manual

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>
Apter Power contact

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Workflow and system context

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.

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| 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. |

Published context and boundaries

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| 01 | Verify the complete ICS Triplex T8448C physical label and installed-system documentation before use. |
| 02 | Energize-to-trip and analog-use certifications are conditional; do not present SIL capability without the application conditions in the Trusted TMR System manual. |
| 03 | Origin and HS code remain unpublished unless an exact manufacturer record or the physical package label establishes them. |

Verification and release checks

01	Verify the complete ICS Triplex T8448C label, revision and installed-system documentation before use.
02	Energize-to-trip and analog-use certifications are conditional; do not present SIL capability without the application conditions in the Trusted TMR System manual.
03	De-energize the equipment and follow the site's approved electrical and process-safety procedure before disturbing hardware or wiring.
04	Back up controller, drive, network and configuration data before replacement, migration or firmware work.
05	Verify every companion module, cable, connector, termination and power source from approved drawings.
06	Do not copy electrical, communication, mechanical or lifecycle values from a related model or successor.

Identity and release controls

Verification Status	Verified Exact Model
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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