

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ICS Triplex T7481A

Product Reference

Rockwell Automation / ICS Triplex Regent Plus monitored guarded output module

DOCUMENT SCOPE

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

Product / lookup identity	ICS Triplex T7481A
Reference number	T7481A
Document basis	Published Rockwell Automation / ICS Triplex product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ICS-Triplex/t7481a>
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Product role and published parameters

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

Rockwell Automation / ICS Triplex T7481A is an evidence-bounded Regent Plus monitored guarded output module in the ICS Triplex installed-base context. System role: It provides sixteen guarded outputs in two groups of eight with automatic testing and open/short field-wiring diagnostics. System context: Rockwell Automation / ICS Triplex Regent Plus monitored guarded output module.

Published field	Manufacturer-published value or verified identity note
Outputs	16 guarded outputs, two groups of 8
Operating voltage	18 to 36 VDC
Load current	2 A at 0 to 40 C; derate to 1.5 A at 60 C
Minimum load	5 mA for T7481A
On-state voltage drop	1 V maximum
Output fuse	3 A per output
Isolation	2500 V minimum

System function and signal path

- 01** System Inputs: It provides sixteen guarded outputs in two groups of eight with automatic testing and open/short field-wiring diagnostics.
- 02** Processing: The module interfaces to the triplicated Safetybus and uses dual-redundant output switching. Project load, field wiring, fuse and safety logic must match the certified application.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for Rockwell Automation / ICS Triplex T7481A.

2 System documentation: Provides a source-traceable boundary for rack, network, I/O and termination records.

3 Commissioning review: Guides pre-power checks, companion-module verification and controlled functional testing.

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

Frequently asked questions

What is Rockwell Automation / ICS Triplex T7481A?	It is an Rockwell Automation / ICS Triplex Regent Plus monitored guarded output module; this page is limited to the exact evidence boundary stated in the cited Rockwell Automation / ICS Triplex sources.
Is the exact model identity verified?	Verified Exact Model.
What is its system role?	It provides sixteen guarded outputs in two groups of eight with automatic testing and open/short field-wiring diagnostics.
Which system family is documented?	Rockwell Automation / ICS Triplex installed-base architecture, subject to the exact source boundary.
Are related models automatic substitutes?	No. A sibling, SP/IN generation, repair code or evolution path is not an alias or unconditional drop-in approval.
Must the physical nameplate be checked?	Yes. Verify the model, revision, firmware and all order or repair suffixes.

Official Rockwell Automation / ICS Triplex sources

Rockwell Automation / ICS Triplex Regent Plus Reference Manual	https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icstt-rm056_-en-p.pdf
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