

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ICS Triplex T8120C

Product Reference

Rockwell Automation Trusted processor interface adapter, basic serial/ancillary variant

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 T8120C
Reference number	T8120C
Document basis	Published Rockwell Automation product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ICS-Triplex/t8120c>

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Product role and published parameters

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

ICS Triplex T8120C is an evidence-bounded Trusted processor interface adapter, basic serial/ancillary variant.
System role: T8120 is the basic rear-chassis processor-interface adapter for serial and ancillary terminations.
System context: Rockwell Automation Trusted processor interface adapter, basic serial/ancillary variant.

Published field	Manufacturer-published value or verified identity note
Requested model	T8120C
Product class	Trusted processor interface adapter, basic serial/ancillary variant
Adapter variant	Basic serial and ancillary terminations
Power	From processor; 0.1 W
Interfaces	RS-422/RS-485 as documented
Dimensions	138 x 120 x 108 mm
Mass	877 g

System function and signal path

- 01 System Inputs: T8120 is the basic rear-chassis processor-interface adapter for serial and ancillary terminations.
- 02 Processing: Install only in the documented Trusted controller-chassis, processor, communication and expansion arrangement with matching hardware revision and firmware.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for ICS Triplex T8120C.

2 System documentation: Provides a source-traceable boundary for the documented Trusted 8000 chassis and expansion architecture 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 T8120C?	It is an evidence-bounded Trusted processor interface adapter, basic serial/ancillary variant; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Exact Model And Variant.
What is its system role?	T8120 is the basic rear-chassis processor-interface adapter for serial and ancillary terminations.
Which installed-base context is documented?	Trusted 8000 chassis and expansion architecture.
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

Rockwell Automation T8120C product manual	https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icstt-rm239_-en-p.pdf
Trusted 8000 Safety Certificate	https://literature.rockwellautomation.com/idc/groups/literature/documents/ct/icstt-ct021_-en-e.pdf