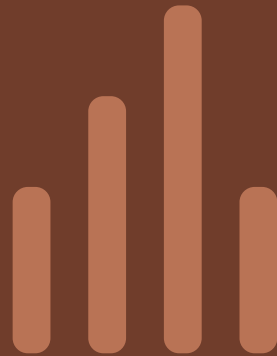


MANUFACTURER-SOURCE TECHNICAL REFERENCE

ICS Triplex T8123C

Product Reference

Rockwell Automation Trusted processor interface adapter with IRIG-B and Modbus Master



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 T8123C
Reference number	T8123C
Document basis	Published Rockwell Automation product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ICS-Triplex/t8123c>
Apter Power contact

sales13@apterpower.com | +86 180 3023 5313

Product role and published parameters

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

ICS Triplex T8123C is an evidence-bounded Trusted processor interface adapter with IRIG-B and Modbus Master. System role: T8123 enables IRIG-B and Modbus Master functions and requires the documented T815X communication interface for Modbus Master. System context: Rockwell Automation Trusted processor interface adapter with IRIG-B and Modbus Master.

Published field	Manufacturer-published value or verified identity note
Requested model	T8123C
Product class	Trusted processor interface adapter with IRIG-B and Modbus Master
Adapter variant	IRIG-B and Modbus Master enabled
Required communication companion	T815X for Modbus Master
Power	From processor; 0.1 W
Dimensions	138 x 120 x 108 mm
Mass	877 g

System function and signal path

01	System Inputs: T8123 enables IRIG-B and Modbus Master functions and requires the documented T815X communication interface for Modbus Master.
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 T8123C.

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 T8123C?	It is an evidence-bounded Trusted processor interface adapter with IRIG-B and Modbus Master; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Exact Model And Variant.
What is its system role?	T8123 enables IRIG-B and Modbus Master functions and requires the documented T815X communication interface for Modbus Master.
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 T8123C 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