

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ICS Triplex TC-801-02-6M5

Product Reference

Rockwell Automation Trusted low-smoke zero-halogen I/O cable

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 TC-801-02-6M5
Reference number	TC-801-02-6M5
Document basis	Published Rockwell Automation product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ICS-Triplex/tc-801-02-6m5>
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Product role and published parameters

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

ICS Triplex TC-801-02-6M5 is an evidence-bounded Trusted low-smoke zero-halogen I/O cable. System role: internal speed-monitor companion-slot cable for T8442, T8846 and T8891 assemblies Only facts stated by the cited Rockwell Automation material are published; sibling, successor and third-party data are not transferred. System context: Rockwell Automation Trusted low-smoke zero-halogen I/O cable.

Published field	Manufacturer-published value or verified identity note
Requested part number	TC-801-02-6M5
Cable family	TC-801
Cable length	6.5 m
Insulation code	02 = LSZH
Documented function	internal speed-monitor companion-slot cable for T8442, T8846 and T8891 assemblies
Maximum recommended I/O cable length	15 m where the family manual states this limit
Verification Status	Verified Manufacturer Part Number Pattern And Requested Length

System function and signal path

01	System Inputs: internal speed-monitor companion-slot cable for T8442, T8846 and T8891 assemblies
02	Processing: Use only with the exact Trusted module, FTA/VFTA, slot mode and connector arrangement shown in the current family manual.



Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for ICS Triplex TC-801-02-6M5.

2 System documentation: Provides a source-traceable boundary for the documented Trusted TC-801 cable 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 TC-801-02-6M5?	It is an evidence-bounded Trusted low-smoke zero-halogen I/O cable; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Manufacturer Part Number Pattern And Requested Length.
What is its system role?	internal speed-monitor companion-slot cable for T8442, T8846 and T8891 assemblies
Which installed-base context is documented?	Trusted TC-801 cable 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

Trusted TC-801 Cable Manual	https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icstt-rm316_-en-p.pdf
Trusted Cable Certificate	https://literature.rockwellautomation.com/idc/groups/literature/documents/ct/icstt-ct013_-en-e.pdf