

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

ICS Triplex T8017

Trusted Peer Communications Software

PEER NETWORKS	DATA BLOCKS	TRANSPORT	PLATFORM
Up to 8	16 / 128 channels	Ethernet subnets	Trusted

For qualified personnel only. This installation summary is not a substitute for the controlled manufacturer procedure, system safety plan or approved site isolation requirements.

01

BEFORE INSTALLATION

Software identity	Confirm T8017, release and legitimate entitlement.
Hardware compatibility	Check communications interfaces and T812x adapters.
Network records	Verify peer identities, subnet allocation and board order.
Data definitions	Match Boolean or analogue block types at both ends.
Safety review	Verify timeout response and required analogue safeguards.

02

PREPARATION AND BOUNDARIES

- Back up the approved project and review both transmitting and receiving peer definitions before making changes.
- Peer board changes require controlled engineering; the cited guide does not permit changing those parameters online.

03
INSTALLATION AND COMMISSIONING

01	Verify the release, interface and processor-adapter prerequisites against the complete manufacturer guide.
02	Review the approved network design, unique identifiers, subnet paths and control-board ordering.
03	Match data-block size, data type and transfer identity at each sending and receiving peer.
04	Apply the documented analogue safety handling and verify configured fail-state or hold-last behavior.
05	Assess timeouts against actual loading, controller scans and process safety time; do not assign an assumed universal value.
06	Complete controlled communication, path-failure and process-function validation before operational release.

04
SAFETY AND FINAL CHECKS

- Investigate peer identifiers, board ordering, subnet connectivity and mismatched data definitions using the release-specific diagnostics.
- A received value is not proof of safety integrity; review timeout, sequence status and the required analogue comparison behavior.

05
OFFICIAL PROCEDURE

ICSTT-RM454 | PD-T8017 Issue 11, June 2016 | Release 3.6.1 guide

PD-T8017 PDF pp. 11-18: interfaces, subnet arrangement and peer configuration; pp. 20-27: board and data mapping; p. 48: process safety time and timeout checks.

ICSTT-CT021R | Trusted software certificate | exact listed releases only

Independent Amikon reference, not an OEM manual. Use the complete manufacturer instructions matching the actual hardware and firmware. No manufacturer pages are reproduced.

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

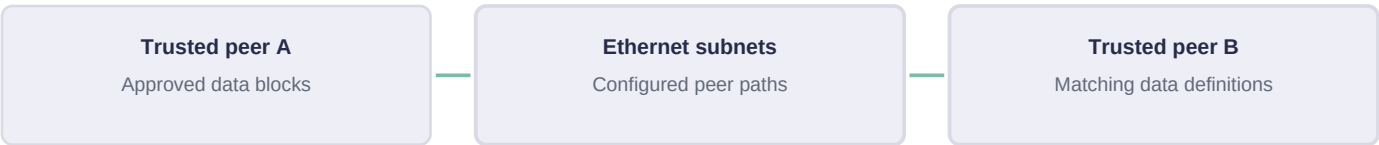
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06 ORIGINAL REFERENCE SCHEMATICS

ICS Triplex T8017 | Documented installation context

Original Amikon illustration based on the linked OEM pages. Logical arrangement only; not to scale and not an electrical wiring or manufacturer installation drawing.

A | EQUIPMENT ARRANGEMENT



Logical peer relationship only; no network addresses, terminal numbers or ready-to-deploy safety logic are supplied.

Redundancy, timeout and analogue comparison requirements must be validated for the actual project.

B | CONFIGURATION BOUNDARY

Match T8017 release, compatible interfaces and adapters, peer identities and approved data mappings. Timeout and analogue safety requirements cannot be inferred from network availability.

07 ORIGINAL MANUFACTURER DRAWING AND PROCEDURE LINKS

[Enhanced peer interface arrangement - PDF page 12](#)

[Subnet and control configuration - PDF page 16](#)

[Timing and process safety checks - PDF page 48](#)

If the viewer ignores the page target, enter the stated PDF page manually. Retain the full manufacturer warnings and approved maintenance plan; this reference does not authorize live work.