AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

ICS Triplex T9300

Three Way I/O Base

MODULE POSITIONS	BACKPLANE	SUPPLY	PLATFORM
Up to 3	**Passive**	**24 V DC nominal**	**AADvance**

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

Exact identity	Confirm T9300 and the intended I/O-base position.
Module population	Record each module, termination and redundant-group arrangement.
Bus layout	Verify the base count and every adjacent or cabled connection.
Mechanical condition	Inspect clips, connectors, coding and unused-connector protection.
Controlled isolation	Follow the site isolation and commissioning plan before disturbing the base.

02 PREPARATION AND BOUNDARIES

- Use the original base-mounting and expansion drawings for the actual enclosure and bus layout.
- Record all I/O and termination locations; preserve the approved signal wiring and redundant-group configuration.

03 INSTALLATION AND COMMISSIONING

01	Verify T9300, the installed module population and the permitted base count on the selected I/O bus.
02	Mount and secure the base by the OEM DIN-rail or panel method in the documented layout.
03	Fully mate adjacent base connectors and fit the specified retaining clips and end stops.
04	Protect exposed unused connectors and verify any T9310 cable-connected expansion row against the OEM drawing.
05	Check that each termination assembly is securely retained and correctly coded for its intended I/O module.
06	Complete controlled power-up, I/O communication and field-function validation before returning the affected equipment to service.

04 SAFETY AND FINAL CHECKS

- Investigate loose base connections, damaged clips and incorrect bus routing before attributing communication faults to an I/O module.
- Verify the actual module grouping, channel configuration and controller diagnostics during functional testing.

05 OFFICIAL PROCEDURE

ICSTT-RM447N-EN-P | AADvance Solutions Handbook | February 2021

Handbook PDF pp. 104-106: I/O base description and specifications. RM448 build manual PDF pp. 82-84 and 117-118: mounting and expansion.

ICSTT-RM448N | AADvance System Build Manual | September 2024

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

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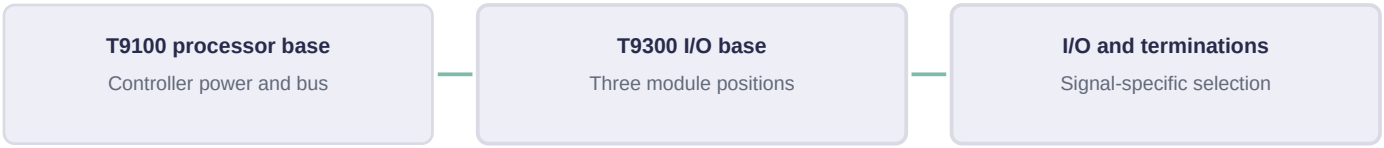
06 ORIGINAL REFERENCE SCHEMATICS

ICS Triplex T9300 | 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 relationship only; I/O modules and termination assemblies are separate selected components.

Use the complete OEM layout for adjacent bases, expansion rows and unused connector protection.

B | CONFIGURATION BOUNDARY

Use T9300 with verified AADvance I/O modules, their matching termination assemblies and the documented bus topology. Module positions are not field-channel or redundant-group counts.

07 ORIGINAL MANUFACTURER DRAWING AND PROCEDURE LINKS

I/O base mounting diagram - PDF page 82

Termination assembly mounting - PDF page 83

Expansion between I/O bases - PDF page 118

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.