

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

ICS Triplex T9110

AADvance Processor Module

PROCESSOR	I/O CAPACITY	SUPPLY	PLATFORM
400 MHz	48 modules	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	Record T9110, the hardware revision and side-label details.
Firmware group	Verify the same firmware build for all processors in the group.
Mounting base	Check the T9100 base, coding pegs and connector condition.
Power and project	Verify both supply feeds and the approved application configuration.
Controlled work	Use qualified personnel and the site isolation or approved redundant changeover procedure.

02

PREPARATION AND BOUNDARIES

- Inspect the module for damage and record its installation location before the side labels are concealed.
- Review the complete OEM procedure and the actual processor group; do not infer online replacement permission from a module specification.

03
INSTALLATION AND COMMISSIONING

01	Verify the complete T9110 identity and firmware against the approved controller records.
02	Check that the T9100 coding pegs match the sockets on the rear of the processor; do not force a mismatch.
03	Locate the processor correctly and fully mate its connectors using the manufacturer mounting procedure.
04	Lock the module screw as specified. It is a power interlock and an unlocked processor will not boot.
05	Confirm the intended application, network settings and redundant group synchronization under the controlled commissioning plan.
06	Review processor diagnostics, communication and the required functional tests before returning the associated process function to service.

04
SAFETY AND FINAL CHECKS

- Interpret processor health, watchdog and controller diagnostics using the manufacturer procedure.
- Resolve firmware mismatches and incomplete synchronization before accepting a redundant processor group.

05
OFFICIAL PROCEDURE

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

Handbook PDF pp. 101-102: processor description and specifications. RM448 build manual PDF pp. 111-112: processor mounting and interlock.

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.

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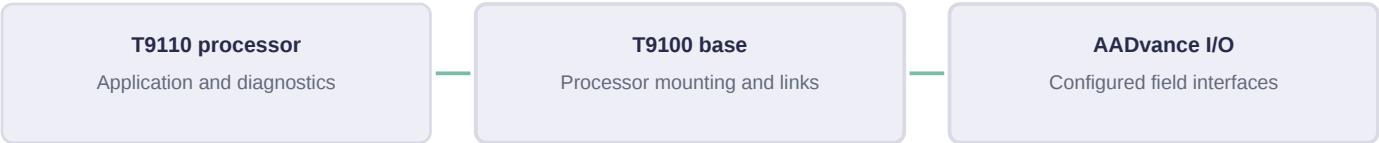
06

ORIGINAL REFERENCE SCHEMATICS

ICS Triplex T9110 | 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; this is not a wiring diagram or a guarantee of any safety integrity level.

Processor population, matching firmware and the approved project determine the installed arrangement.

B | CONFIGURATION BOUNDARY

Use T9110 with the verified T9100 base, compatible firmware and approved AADvance project. Redundancy and safety performance depend on the complete installed design.

07

ORIGINAL MANUFACTURER DRAWING AND PROCEDURE LINKS

[Processor positions and preparation - PDF page 111](#)

[Processor mounting and locking interlock - PDF page 112](#)

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.