

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T9110

AADvance Processor Module



PROCESSOR	I/O CAPACITY	SUPPLY	PLATFORM
400 MHz	48 modules	24 V DC nominal	AADvance

T9110 is the central processing module of an AADvance controller. It executes the application through the AADvance Safety Kernel, exchanges data with I/O modules, communicates with other processors and operator interfaces, and initiates periodic controller diagnostics.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T9110
Processor clock	400 MHz
Boot flash	512 kB
SRAM	512 kB
Bulk flash	64 MB
SDRAM	32 MB
Internal-event resolution	1 ms
Event time-stamp accuracy	Application scan

02 TECHNICAL DATA

Self-test interval	Less than 5.5 hours
Supported I/O modules	48
Module supply	Redundant nominal 24 V DC; 18 to 32 V DC
Power dissipation	8 W
Compatible processor base	T9100
Diagnostic protection	Internal tests, watchdog and fault shutdown
Galvanic isolation	From external power supplies and data links
Casing	Non-flammable plastic

03 APPLICATION AND CONFIGURATION

- Chemical Processing: Continuous Chemical Production and Batch Manufacturing Process Areas.
- Power Generation: Natural Gas Electricity Production and Utility Generation Facilities.
- Oil & Gas: Hydrocarbon Production, Refining and Petroleum Transport Operating Areas.

04 OFFICIAL DOCUMENTATION

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.

AMIKON PRODUCT SUPPORT

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