

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T9100

AADvance Processor Base Unit

PROCESSOR SLOTS	PROCESSOR TYPE	SUPPLY	PLATFORM
Up to 3	T9110	24 V DC nominal	AADvance

T9100 is the AADvance processor base unit for one, two or three processor modules. It provides their electrical connections and the links to the remaining controller equipment, with mounting provisions for standard DIN rails or a flat panel.

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PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T9100
Compatible processor	T9110
Processor positions	1, 2 or 3 modules
Supported I/O base units	16; eight on each I/O bus
Supply requirement	Redundant nominal 24 V DC; 18 to 32 V DC
Power connectors	Two 3-way connectors, PWR-1 and PWR-2
Power conductor capacity	3.3 mm2 maximum, 12 AWG; 7 mm strip length
Ethernet connections	Six shielded RJ45 sockets; two per processor

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Serial connections	Six 5-way connectors; two per processor
Serial conductor capacity	1.31 mm2 maximum, 16 AWG; 7 mm strip length
KEY connector	Program Enable Key connection
FLT connector	Not used
Processor IP retention	Individual addresses stored in the BUSP component
Mounting provisions	Standard DIN rails or screw fixing to a panel

03 APPLICATION AND CONFIGURATION

- Power Generation: Electricity Generation at Gas Fired and Combined Cycle Facilities.
- Oil & Gas: Petroleum Extraction, Gas Treatment and Hydrocarbon Processing Facilities.
- Chemical Processing: Bulk Chemical Manufacturing and Specialty Product Production Areas.

04 OFFICIAL DOCUMENTATION

[ICSTT-RM447N-EN-P | AADvance Solutions Handbook | February 2021](#)

Handbook PDF pp. 102-104: processor base description and specifications. RM448 build manual PDF pp. 82-86: mounting, grounding and power.

[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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