

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T9803

Triple Digital Input Termination Assembly

FIELD CONNECTIONS	ARRANGEMENT	CHANNEL FUSE	PLATFORM
16	Triple	50 mA Type T	AADvance

T9803 is an AADvance digital input termination assembly for a triple modular redundant arrangement. It provides sixteen isolated field-input connections and connects them to three compatible digital input modules, allowing the selected module group to share the documented field interface.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T9803
Field input connections	16
Module arrangement	Triple Modular Redundant
Supported input modules	Three T9401 or T9402 modules
Channel fuse	50 mA, 125 V, Type T; Littelfuse
Channel load	5.125 kOhm, +/-0.2%
Channel isolation withstand	+/-1.5 kV DC maximum for one minute
Maximum field-loop dissipation	0.2 W per field loop

02 TECHNICAL DATA

Field conductor capacity	1.31 mm2 maximum, 16 AWG; 6 mm strip length
Mounting base	T9300 I/O base
Terminal-screw tightening	0.5 Nm minimum; follow the complete OEM procedure

03 APPLICATION AND CONFIGURATION

- Oil & Gas: Oil Production, Gas Processing and Petroleum Transportation Facilities.
- Chemical Processing: Chemical Manufacturing, Batch Processing and Industrial Formulation Facilities.
- Power Generation: Gas Turbine Generation and Combined Cycle Power Stations.

04 OFFICIAL DOCUMENTATION

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

Handbook PDF pp. 109-110: digital input termination specifications. Build manual PDF pp. 83-85 and 99: mounting, coding and isolated field connections.

[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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