

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T9802

Dual Digital Input Termination Assembly



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

T9802 is an AADvance digital input termination assembly for a dual arrangement. It provides sixteen isolated field-input connections and connects them to two compatible digital input modules, allowing the selected module group to share the documented field interface.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T9802
Field input connections	16
Module arrangement	Dual
Supported input modules	Two 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

- 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. 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

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM