

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T9831

Simplex Analogue Input Termination Assembly

FIELD CONNECTIONS	ARRANGEMENT	CHANNEL LOAD	PLATFORM
16	Simplex	135 Ohm	AADvance

T9831 is the AADvance analogue input termination assembly for a simplex arrangement. It provides sixteen non-isolated field-input connections and supports one compatible analogue input module. The selected modules connect the documented sensor circuits to the controller.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T9831
Field input connections	16
Module arrangement	Simplex
Supported input modules	One T9431 or T9432 module
Channel fuse	50 mA, 125 V, Type T; Littelfuse
Channel load	135 Ohm, +/-0.2%
Channel isolation	None; non-isolated, commoned
Maximum field-loop dissipation	0.08 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

- 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. 113-115: analogue input termination specifications. Build manual PDF pp. 83-85 and 103: mounting, coding and 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