

AMIKON TECHNICAL DOCUMENTATION

# Product Data Sheet

## ICS Triplex T9833

Triple Analogue Input Termination Assembly

|                          |                    |                     |                 |
|--------------------------|--------------------|---------------------|-----------------|
| <b>FIELD CONNECTIONS</b> | <b>ARRANGEMENT</b> | <b>CHANNEL LOAD</b> | <b>PLATFORM</b> |
| <b>16</b>                | <b>Triple</b>      | <b>135 Ohm</b>      | <b>AADvance</b> |

T9833 is the AADvance analogue input termination assembly for a triple modular redundant arrangement. It provides sixteen isolated field-input connections and supports three compatible analogue input modules. The selected modules connect the documented sensor circuits to the controller.

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## PRODUCT IDENTITY AND SPECIFICATIONS

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Product model                  | T9833                                         |
| Field input connections        | 16                                            |
| Module arrangement             | Triple Modular Redundant                      |
| Supported input modules        | Three T9431 or T9432 modules                  |
| Channel fuse                   | 50 mA, 125 V, Type T; Littelfuse              |
| Channel load                   | 135 Ohm, +/-0.2%                              |
| Channel isolation              | +/-1.5 kV DC maximum withstand for one minute |
| 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

- 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. 113-115: analogue input termination specifications. Build manual PDF pp. 83-85 and 104: 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