

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex TC-306-02-2M5

Input SmartSlot Jumper Cable



CABLE LENGTH	I/O CLASS	WIRE HARNESS	PLATFORM
2.5 meters	Input	96-way	Trusted

TC-306-02-2M5 is the 2.5-meter input SmartSlot jumper cable for 40/60-channel Trusted analogue or digital input modules. It links the affected module connection to a compatible module in the SmartSlot position of a Trusted controller or expander chassis.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	TC-306-02-2M5
Nominal cable length	2.5 m; 2M5 order-code suffix
Compatible I/O class	40/60-channel Trusted analogue or digital input modules
SmartSlot connector	96-way type C, single-width hood
Affected-module connector	96-way type R, dedicated plastic hood
Wire harness	96-way

02 TECHNICAL DATA

Insulation construction	Low smoke zero halogen; -02 variant
Protective covering	Megamide sleeving with heatshrink-finished ends
Earth connection	Earth braid at the SmartSlot connector hood
Catalog electrical limit	60 V / 2 A maximum per channel
Flame-retardant reference	IEC 60332-3 Category A for -02 cables

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-RM312N-EN-P | Trusted Communications Cables | Issue 17, May 2019

Communications manual PDF pp. 1-3: order-code convention; p. 27: Figure 7 and cable construction; pp. 7-8: warnings. Product Information PDF p. 5: electrical limits.

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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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