

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8153C

Trusted communications interface adapter



ETHERNET	RS-485	RS-232	POSITION
2 x 10/100BaseT	4 ports	Full + partial	Rear chassis

ICS Triplex T8153C is a conformal-coated communications interface adapter for the rear of a Trusted controller chassis. It connects to the communications interface module and provides accessible Ethernet and serial connectors for external equipment, including remote systems and networked computers.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8153C
Associated communications interface	T8151B; installed revision and configuration must match
Chassis location	Rear of T8100 controller chassis, behind communications interface
Module connector	78+2-way inverse DIN 41612 M-type, SK1
Ethernet ports	2 x RJ45, 10BaseT or 100BaseT
RS-232 connections	2: bank 1 full interface; bank 2 partial interface
RS-485 ports	4, with direct and multi-drop facilities
RS-485 connector arrangement	Two connectors per port for incoming and outgoing wiring

02 TECHNICAL DATA

Termination	Link-selectable 120 ohm AC termination on transmit and receive circuits
Serial mode restriction	Banks 1 and 2 cannot use RS-485 when configured for RS-232
External serial connectors	Phoenix Contact, 2.5 mm pitch; match the documented connector
Retention	Clipped metal enclosure with release button
Operating temperature	0 to +60 degrees C
Storage temperature	-25 to +70 degrees C
Relative humidity	10-95%, noncondensing
Coating option	C order suffix denotes conformal coating, not hardware Series C

03 APPLICATION AND CONFIGURATION

- T8153C provides physical access to the communications interface ports. Serial protocols and operating modes depend on the connected interface and its configuration.
- Match the communications interface, chassis connector, serial mode and termination. This adapter is not the recommended T8170 gateway adapter; use the documented gateway-specific arrangement.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

PD-T8153 Issue 14 | Trusted Communication Interface Adapter

PDF pp. 11-16: associated equipment and ports; pp. 17-20: mounting and connections; p. 21: specifications.

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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