

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8151C

Trusted communications interface module



INTERFACE	ETHERNET	SERIAL	SUPPLY
Communications	2 x 10/100BaseT	4 rear ports	20-32 V DC

ICS Triplex T8151C is a conformal-coated communications interface for the Trusted platform. Two Ethernet ports and four isolated rear serial ports provide connections to external equipment, offloading communications tasks from the TMR processor rather than adding process input or output channels.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8151C
Backplane supply	20 to 32 V DC
Power dissipation	14 W
Ethernet interfaces	2 x 10/100BaseT
Rear serial interfaces	2 x RS-232/422/485 and 2 x RS-422/485
Rear serial baud rate	1200 to 115200 baud
Front diagnostic interface	1 x isolated RS-232
Diagnostic baud rate	19200 baud

ICSTT-RM253X-EN-P | PD-T8151C Issue 26. Document issue is not the supplied hardware revision.

02 TECHNICAL DATA

SOE event buffer	4000 events
Open Modbus TCP role	Slave only; port 502
Modbus master prerequisite	T8122 or T8123 processor interface adapter
Maximum interfaces per system	4 communications interface modules
Operating temperature	0 to +60 degrees C
Storage temperature	-25 to +70 degrees C
Humidity	10 to 95%, non-condensing
Module location	T8100 or T8300 I/O slot; peer-to-peer in controller chassis only

03 APPLICATION AND CONFIGURATION

- Provides external Ethernet and serial communications; not a field I/O module.
- Open Modbus TCP is slave-only. RTU master operation needs the specified processor adapter.
- Peer-to-peer use requires a controller-chassis position and a verified firmware configuration.

04 OFFICIAL DOCUMENTATION

ICSTT-RM253X-EN-P | PD-T8151C Issue 26

PDF pp. 15, 19-24, 29 and 100-101; printed pp. 5, 9-14, 19 and 90-91.

Independent Amikon summary, not a manufacturer-issued manual. Use the complete current manufacturer instructions and approved system safety procedure. No original manual pages are reproduced.

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM