

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8121C

Trusted processor interface adapter

SERIAL PORTS	OPTION	POWER	DISSIPATION
3 x RS-422/485	IRIG-B decode	From processor	0.1 W

ICS Triplex T8121C is a conformal-coated Trusted processor interface adapter fitted behind the controller chassis processor positions. It exposes serial communications and ancillary connections for the active and standby TMR processors through a clipped metal enclosure with two processor connectors.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8121C
Documented processors	Trusted T8110B and T8111; actual configuration must match
Mounting position	Rear of T8100 controller chassis, behind processor positions
Processor connection	2 x 48-way DIN 41612 E-type; active and standby
Power source	Powered from Trusted TMR processor
Power dissipation	0.1 W
Fusing	None
Serial port 1	RS-422/485, two-wire

02 TECHNICAL DATA

Serial ports 2 and 3	RS-422/485, configurable two- or four-wire
IRIG-B decoding option	Enabled: IRIG-B002 or IRIG-B122
Modbus Master option	Not enabled by this variant
Equipotential bonding	Processor chassis, adapter shell and rack earth bonding required
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

- T8121C provides rear access to processor connections. Its documented option is irig-b decode; the physical connector layout alone does not establish which functions are enabled.
- Match the exact variant, actual hardware series and enabled functions. IRIG-B and Modbus Master are option-dependent; processor serial ports are Modbus Slave only.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

ICSTT-RM239J-EN-P | PD-T812X Issue 12

PDF pp. 11-13: construction; p. 17: installation; pp. 19-21: configuration and variants; p. 23: ratings.

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