

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T7150A

Regent + Plus communications module



SERIAL PORTS	INTERFACES	BAUD RATE	PLATFORM
2 isolated	RS-232 / 422 / 485	300-19200	Regent + Plus

ICS Triplex T7150A is a Regent + Plus communications module with two isolated serial ports. Each port supports the documented RS-232, RS-422 or RS-485 connection arrangements for communication with host computers, operator interfaces, printers or other compatible controllers.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T7150A
Serial ports	2 independently configurable ports
Serial standards	RS-232, RS-422 and RS-485
Baud range	300 to 19200 baud
Supported protocols	Regent R2, Modbus RTU, ASCII Output and Guarded Peer-Link
Modbus role	RTU slave; communication initiated by an external master
Guarded Peer-Link roles	Network master or network slave
Port connectors	Female DB-25 on module; mating male DB-25 cable connector

02 TECHNICAL DATA

Module power	Powered by triplicated processor modules; no separate external supply required
Isolation	1000 V minimum: serial device-to-logic and port-to-port
Heat dissipation	7 W
Recommended network cable	For multidrop and Guarded Peer-Link: 120 ohm twisted pairs with overall shield
Operating temperature	0 to +60 degrees C
Storage temperature	-40 to +85 degrees C
Relative humidity	0-95%, noncondensing

03 APPLICATION AND CONFIGURATION

- T7150A provides serial communication between Regent + Plus controllers and compatible hosts, operator interfaces or peer controllers. Match electrical interface, protocol role, cable arrangement and actual jumper settings.
- Retain the complete T7150A identity and verify the two port definitions, DB-25 connections, network termination and bias settings. Guarded Peer-Link safety-critical duty requires redundant networks and redundant modules at each controller.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

ICSTT-RM037 | PD-7002 Issue 1

PDF pp. 1-6: ports, protocols and connections; pp. 7-18: wiring, jumpers and installation; pp. 19-21: safety scope and 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