

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

ICS Triplex T7150A

Regent + Plus communications module

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

For qualified personnel only. This installation summary is not a substitute for the controlled manufacturer procedure, system safety plan or approved site isolation requirements.

01

BEFORE INSTALLATION

Exact identity	Confirm T7150A and the actual Regent + Plus processor assembly configuration.
Ports and cables	Match both front DB-25 connectors and the original RS-232, RS-422 or RS-485 drawing.
Power and isolation	The module is powered by the triplicated processor modules; no separate module power supply is required.
Network settings	Verify baud rate, protocol roles, cable construction, node position, termination and bias jumpers.
Safety scope	For safety-critical Guarded Peer-Link operation, verify the specified redundant networks and redundant communications modules at every controller.

02

PREPARATION AND BOUNDARIES

- Use the full manufacturer connection and jumper tables with an approved maintenance procedure. This logical illustration is not a pinout or jumper-setting instruction.
- Opening the top removal lever disables the module. Any removal or internal jumper work requires controlled conditions and qualified personnel; do not force or straighten damaged connector pins.

03
INSTALLATION AND COMMISSIONING

01	Record the complete model, controller assembly and approved maintenance state.
02	Compare the two serial port definitions, protocol roles and baud rates with the controlled configuration.
03	Verify cable connectors, signal references and shield arrangement against the original drawing.
04	Check termination, bias and transmit-control jumpers for the actual network type and node position.
05	Verify seating, retaining hardware and the documented lever position before restoring service.
06	Test port communication, network fault handling and required redundant paths under the approved commissioning plan.

04
SAFETY AND FINAL CHECKS

- Module health and individual port indicators serve different purposes. Check the matching port settings and wiring before diagnosing a module failure.
- Ordinary Modbus or ASCII communication does not establish safety-critical communication capability. Apply the complete Guarded Peer-Link redundancy conditions when relevant.

05
OFFICIAL PROCEDURE

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

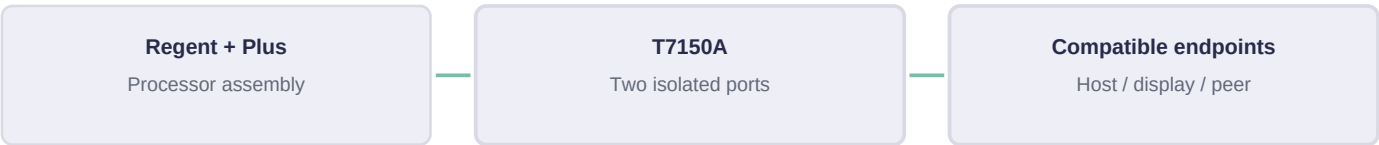
06

ORIGINAL REFERENCE SCHEMATICS

ICS Triplex T7150A | Documented installation context

Original Amikon illustration based on the linked OEM pages. Logical arrangement only; not to scale and not an electrical wiring or manufacturer installation drawing.

A | EQUIPMENT ARRANGEMENT



Select the electrical interface, protocol role and baud rate independently for the two ports.

Use the original connection and jumper drawings. Termination and bias depend on the actual network and node position.

B | CONFIGURATION BOUNDARY

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.

07

ORIGINAL MANUFACTURER DRAWING AND PROCEDURE LINKS

[Original serial connector pin table - PDF page 6](#)

[Original point-to-point connection drawing - PDF page 7](#)

[Network-specific jumper table - PDF page 12](#)

If the viewer ignores the page target, enter the stated PDF page manually. Retain the full manufacturer warnings and approved maintenance plan; this reference does not authorize live work.