

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

ICS Triplex T8151C

Trusted communications interface module

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

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	Record T8151C, hardware revision, serial number and installed firmware.
Condition and ESD	Reject damage or bent pins. Avoid exposed pins and do not open the housing.
Chassis position	Use a documented I/O slot; peer-to-peer requires the controller chassis.
External connections	Verify the T8153 adapter or specified TC-305 flying-lead cable arrangement.
Configuration record	Preserve port settings, protocol roles and the approved maintenance plan.

02

PREPARATION AND BOUNDARIES

- The current manual covers its stated firmware builds. Check the document scope before applying it to an older installation.
- Do not infer port wiring from another T8151 revision. Use the complete current connector tables and adapter instructions.

03
INSTALLATION AND COMMISSIONING

01	Verify the cable assembly is seated and the intended slot agrees with the approved system arrangement.
02	Open both ejector tabs with the release key, guide the module into the slot and press the upper and lower fascia to seat it.
03	Lock both ejectors. If insertion resists, withdraw and inspect; never force or straighten connector pins.
04	Match Ethernet addressing and serial electrical modes to the documented configuration. RS-232 is available on ports 1 and 2 only.
05	For Modbus master operation verify the specified processor adapter. Do not configure the slave-only Open Modbus TCP service as a master.
06	Check module status, diagnostic information and each configured communications path before returning the interface to service.

04
SAFETY AND FINAL CHECKS

- The diagnostic port is isolated RS-232 at 19200 baud; use the documented maintenance connection.
- Replacement is subject to the complete system safety procedure; this summary does not authorize live work or bypassing safety functions.

05
OFFICIAL PROCEDURE

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