

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

ICS Triplex T9851

Simplex Digital Output Termination Assembly

FIELD OUTPUTS	ARRANGEMENT	FIELD POWER	PLATFORM
8	Simplex	Two 24 V DC feeds	AADvance

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 T9851 and the simplex output population.
Power sources	Record both nominal 24 V DC sources and their isolation points.
Field loads	Record every output circuit and the intended commissioned behavior.
Protection	Verify integral fuses and the separate upstream protection requirements.
Controlled work	Apply the approved isolation and recommissioning procedure.

02

PREPARATION AND BOUNDARIES

- Read the complete original field-power and output-wiring drawings, including their protection conditions.
- Preserve power and channel labels; this reference does not replace terminal assignments or the safety plan.

03
INSTALLATION AND COMMISSIONING

01	Confirm T9851, the selected T9451 population and the approved simplex arrangement.
02	Inspect the T9300 base, retaining features and correct digital-output coding before fitting.
03	Mount and secure the termination according to the original manufacturer instructions.
04	Connect both field-power sources and output circuits according to the controlled manufacturer and site drawings.
05	Verify the integral fuse types, required upstream protection, conductor preparation and terminal tightening.
06	Complete controlled output-state, diagnostic and required functional tests before operational release.

04
SAFETY AND FINAL CHECKS

- Check both field-power feeds, integral fuse condition and the separate upstream protection when investigating lost output power.
- Use output-module diagnostics and the approved load circuit to distinguish supply, wiring and module faults.

05
OFFICIAL PROCEDURE

[ICSTT-RM447N-EN-P | AADvance Solutions Handbook | February 2021](#)

Handbook PDF pp. 116-117: digital output termination specifications. Build manual PDF pp. 83-85 and 104-108: mounting, protection and field wiring.

[ICSTT-RM448N | AADvance System Build Manual | September 2024](#)

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

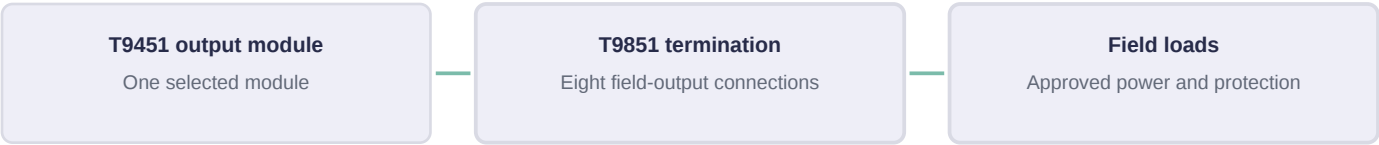
06

ORIGINAL REFERENCE SCHEMATICS

ICS Triplex T9851 | 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



Logical reference only; field supply wiring, fuse placement and terminal numbers are not reproduced.

The two integral 10 A fuses do not replace the separate upstream protection conditions in the OEM manual.

B | CONFIGURATION BOUNDARY

Use T9851 with the documented simplex T9451 arrangement, correct base coding and approved field-power protection. Integral fuse values are not output-channel ratings.

07

ORIGINAL MANUFACTURER DRAWING AND PROCEDURE LINKS

[Termination mounting diagram - PDF page 83](#)

[Digital output field circuit and integral fuses - PDF page 105](#)

[Field-supply protection conditions - PDF page 107](#)

[Output termination wiring drawing - PDF page 108](#)

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.