

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

ICS Triplex T7481A

Monitored Guarded Output Module

OUTPUTS	FIELD VOLTAGE	MINIMUM LOAD	PLATFORM
16 circuits	18-36 V DC	5 mA	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	Check T7481A, its supplied revision and the installed module records.
Load compatibility	Verify 18-36 V DC field power and the specified current limits.
Off-state behavior	Check leakage against the load guaranteed off-state voltage.
Configuration	Identify single mode or the documented parallel dual arrangement.
Safety plan	Use qualified personnel and the approved site maintenance plan.

02

PREPARATION AND BOUNDARIES

- Use the complete OEM wiring drawings for the selected arrangement; no generic pin map is supplied here.
- Check chassis fault-mode selection and output initial/final states before changing field equipment.

03
INSTALLATION AND COMMISSIONING

01	Match the two field-power groups and channel wiring to the manufacturer single or parallel arrangement.
02	Verify the specified fuse type and rating for every connected output. Do not substitute a different fuse type.
03	Confirm slot polarization against controlled installation records. The manual key table contains inconsistent model labels.
04	Select the correct monitored guarded output type in the configuration editor; verify the installed module identity.
05	For parallel modules, configure dual mode on both modules and verify their reciprocal assembly and slot references.
06	Validate the configured output and fault indications using the approved commissioning and safety procedure.

04
SAFETY AND FINAL CHECKS

- Check output status and load/fuse diagnostics, including missing field power at an entire group.
- An LED-disable option does not disable diagnostics. Keep fault reporting and the approved alarm handling intact.

05
OFFICIAL PROCEDURE

ICSTT-RM056 | Monitored Guarded Output Modules | Issue 2

PDF pp. 9-12: load arrangements; pp. 14-22: wiring/configuration; pp. 23-24: specifications.

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

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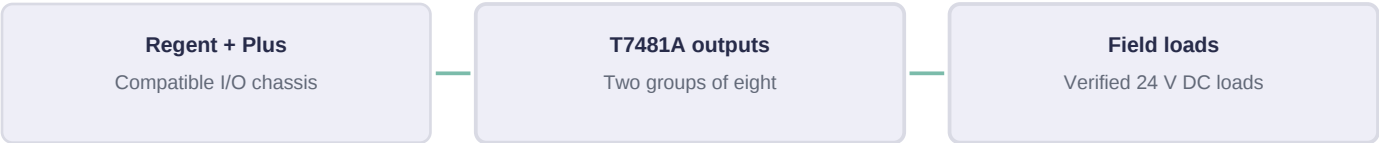
06

ORIGINAL REFERENCE SCHEMATICS

ICS Triplex T7481A | 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 arrangement only. Single-module and parallel-module wiring differ.

No terminal numbers are assigned; use the complete original diagrams and approved site documentation.

B | CONFIGURATION BOUNDARY

Single and dual module arrangements differ. Confirm exact T7481A identity, compatible field loads, wiring and configuration before replacement; no generic drop-in claim is made.

07

ORIGINAL MANUFACTURER DRAWING AND PROCEDURE LINKS

[Fail-safe field wiring - Figure 6 - PDF page 14](#)

[Fault-tolerant field wiring - Figure 7 - PDF page 15](#)

[Dual-mode configuration - PDF page 18](#)

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.