

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T3481A

Regent monitored guarded output module



OUTPUTS	FIELD SUPPLY	MINIMUM LOAD	PLATFORM
16 guarded DC	18-36 V DC	5 mA	Regent

ICS Triplex T3481A is a Regent monitored guarded output module for sixteen DC field loads arranged in two isolated groups. Independent series switches control each output, while automatic diagnostics report output circuit faults and monitor field wiring for load and fuse problems.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T3481A
Output circuits	16 outputs in two isolated groups of 8
Field voltage range	18 to 36 V DC
Output load rating	2 A at 0-40 degrees C; derated to 1.5 A at 60 degrees C
Minimum load	5 mA for the T3481A version
On-state voltage drop	1.0 V maximum
Off-state leakage	700 microamp maximum for one module; 1 mA maximum for a dual pair
Output fuse	One 3 A, 250 V, fast-acting 3AB rectifier fuse per output; specified type Littelfuse 322-003

02 TECHNICAL DATA

Turn-on and turn-off delays	0.5 ms each
Safetybus load	1.5 load units
Heat dissipation	30 W
Isolation	2500 V minimum: field-to-logic and between output groups
Slot keys	Upper connector 4; lower connector 3
Operating temperature	0 to +60 degrees C
Storage temperature	-40 to +85 degrees C
Relative humidity	0-95%, noncondensing

03 APPLICATION AND CONFIGURATION

- T3481A connects Regent control logic to compatible DC solenoids, actuators and process interlock loads. Match the two field supply groups, load limits, off-state leakage and configured line-fault reporting.
- Retain the A suffix and verify the external DC supply, load derating, fuse type and upper 4/lower 3 keys. A parallel pair requires reciprocal Dual Mode definitions and coordinated control logic.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

ICSTT-RM021 | PD-6033 Issue 2

PDF pp. 1-6: guarded output and diagnostics; pp. 9-23: loading, wiring and configuration; pp. 23-25: 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

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