

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T3418F

Regent field powered input module

INPUTS	NOMINAL POWER	LINE MONITOR	PLATFORM
16 field powered	120 V AC/DC	DC inputs only	Regent

ICS Triplex T3418F is a Regent field-powered digital input module for sixteen input devices supplied from external nominal 120 V AC or DC power. It senses switch states and returns input information through the controller I/O interface for program processing.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T3418F
Input channels	16 with common field power
Field power range	90 to 150 V AC/DC; nominal 120 V AC/DC
Maximum field supply current	150 mA
Maximum input current	2.0 mA
Input switching delays	Turn-on: 10 ms maximum; turn-off: 100 ms maximum
Safetybus load	0.85 load units
Heat dissipation	10 W

02 TECHNICAL DATA

Field-to-logic isolation	2500 V minimum
Field line monitoring	DC-powered inputs only; suitable line-monitor devices required
Input test interval	Typically less than 2 seconds; dependent on program scan and I/O size
Slot keys	Upper connector 17; lower connector 7
Operating temperature	0 to +60 degrees C
Storage temperature	-40 to +85 degrees C
Relative humidity	0-95%, noncondensing
Fusing	No internal fuse; external fusing if required

03 APPLICATION AND CONFIGURATION

- This Regent Type F module uses nominal 120 V AC or DC field power, not the lower-voltage ratings of T3411F. DC line monitoring requires suitable field devices and the configured fault variables.
- Retain T3418F, the 90-150 V AC/DC field range and upper 17/lower 7 keys. The lower-voltage T3411F is not an established substitute.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

ICSTT-RM018 | PD-6027 Issue 1

PDF pp. 1-2: identity; pp. 14-18: monitoring, keying and configuration; pp. 25-27: 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