

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

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

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 the complete T3418F label and Regent platform.
Slot and field drawing	Use the approved Regent I/O position and original field drawing; mechanical keys are upper 17 and lower 7.
Field power	Verify nominal 120 V AC/DC external field power within 90-150 V AC/DC; do not apply T3411F supply ratings.
Monitoring scope	DC inputs require the appropriate field line-monitor devices for open/short detection; do not assign this capability to AC wiring.
Configuration	Verify the exact WINTERPRET definition, point and fault tags, approved thresholds and voting arrangement.

02

PREPARATION AND BOUNDARIES

- This reference does not replace the Regent User Guide or the complete manufacturer field-wiring diagrams. Obtain the approved isolation and maintenance procedure.
- A fault-tolerant online replacement requires a correctly configured redundant arrangement. Do not apply Trusted SmartSlot or ejector instructions to Regent hardware.

03
INSTALLATION AND COMMISSIONING

01	Confirm the complete module identity, Regent slot and approved isolation or redundant replacement procedure.
02	Compare upper key 17 and lower key 7 with the original manufacturer figure before fitting.
03	Check external supply type and voltage against the T3418F column, not the T3411F column in the shared manual.
04	Match DC line-monitor devices and sensor redundancy to the controlled field drawing; this reference assigns no pinout.
05	Check the exact module definition, tags, thresholds, fault alarms and application voting in WINTERPRET.
06	Complete the approved switch-state and diagnostic checks for the actual AC or DC configuration before release.

04
SAFETY AND FINAL CHECKS

- For energize-to-trip safety inputs, follow the complete line-monitor and fault-alarm requirements. The stated open/short monitoring scope is DC-powered inputs only.
- Fault tolerance requires the complete sensor, module and voting arrangement. Do not infer unrestricted live removal, current certification or field wiring suitability from the family name.

05
OFFICIAL PROCEDURE

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

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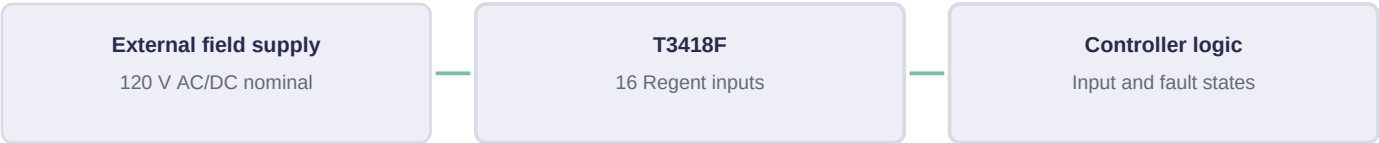
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06 ORIGINAL REFERENCE SCHEMATICS

ICS Triplex T3418F | 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



The permitted field range is 90-150 V AC/DC. DC open/short detection requires suitable field line-monitor devices.

Mechanical keys: upper 17 and lower 7. AC input sensing does not establish DC line-monitoring behavior.

B | CONFIGURATION BOUNDARY

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.

07 ORIGINAL MANUFACTURER DRAWING AND PROCEDURE LINKS

[Original single-module field drawing - PDF page 12](#)

[Original key drawing and exact model table - PDF page 17](#)

[T3418F-specific ratings column - PDF page 25](#)

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.