

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

ICS Triplex T3411

Regent monitored digital input module

INPUTS	PLATFORM	FIELD POWER	TYPE
16 monitored	Regent	15-80 V DC	Regulated inputs

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	Verify T3411 and the installed Regent platform; retain the complete suffix.
Slot and field drawing	Use the approved Regent I/O position and the manufacturer field connection drawing; slot keys: upper connector 4, lower connector 7.
Field power	The module accepts 15-80 V DC field power and internally regulates it to 24 V DC for the field-input circuits.
Monitoring arrangement	Match line-monitor components to the field voltage and simplex or redundant sensor arrangement.
Configuration	Select the exact module type in the WINTERPRET I/O Configuration Editor. Check point tags, thresholds, fault tags and voting logic.

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, configured slot and approved isolation or redundant replacement procedure.
02	Compare upper and lower slot keys with the original manufacturer drawing. Do not force an incompatible module.
03	The module accepts 15-80 V DC field power and internally regulates it to 24 V DC for the field-input circuits.
04	Check the specified line-monitor device and field wiring against the exact configuration drawing; this summary assigns no terminal pinout.
05	Verify the exact module definition, point names, fault tags, thresholds and approved voting logic in WINTERPRET.
06	Complete the approved input-state and fault-alarm commissioning tests before returning the channel group to service.

04
SAFETY AND FINAL CHECKS

- For energize-to-trip safety inputs, retain the manufacturer requirement for field line monitors and configured fault alarms. Use the complete safety instructions.
- Fault tolerance depends on the complete module, sensor and voting arrangement. A healthy indicator alone does not authorize live removal or bypassing protective logic.

05
OFFICIAL PROCEDURE

ICSTT-RM019 | PD-6031 Issue 1

PDF pp. 1-2: identity; pp. 14-18: monitoring, keying and configuration; pp. 24-25: ratings.

Independent Amikon reference, not an OEM manual. Use the complete manufacturer instructions matching the actual hardware and firmware. No manufacturer pages are reproduced.

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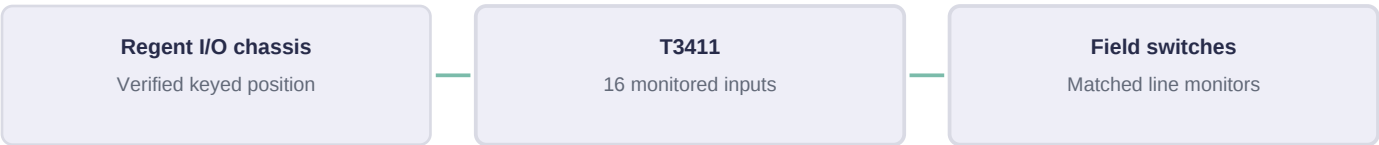
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ORIGINAL REFERENCE SCHEMATICS

ICS Triplex T3411 | 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 module accepts 15-80 V DC field power and internally regulates it to 24 V DC for the field-input circuits.

Separate mechanical key positions: upper connector 4, lower connector 7. These are not electrical terminal numbers.

B | CONFIGURATION BOUNDARY

Retain the complete model and any F suffix. T3411 and T3411F use different field input power arrangements and slot keys; shared channel count does not establish substitution.

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ORIGINAL MANUFACTURER DRAWING AND PROCEDURE LINKS

[Line-monitor connection example - PDF page 14](#)

[Original slot-key drawing - PDF page 16](#)

[Exact module key and configuration - PDF page 17](#)

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.