

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T3419

Regent fire detector input module



DETECTOR INPUTS	FIELD SUPPLY	RESET CONTROL	PLATFORM
16 circuits	15-40 V DC	Individual channel	Regent

ICS Triplex T3419 is a Regent input module for sixteen fire detector circuits, including smoke, flame and temperature detectors and manual alarm call points. It reports detector and wiring status to the controller while automatically testing the input electronics.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T3419
Input circuits	16 fire detector inputs
External field supply	15 to 40 V DC
Maximum field supply current	1.2 A
Regulated loop supply	23.5 V DC nominal
End-of-line terminator	3.0 kilohm resistor, typical; detector compatibility must be checked
Normal-state loop current	3 to 10 mA typical; detector characteristic dependent
Detector reset	Individual channel control; duration determined by the detector specification

02 TECHNICAL DATA

Safetybus load	0.85 load units
Field-to-logic isolation	2500 V minimum
Heat dissipation	20 W
Input test timing	Configuration dependent; 15 seconds is only the specification-table typical value
Slot keys	Upper connector 11; lower connector 7
Operating temperature	0 to +60 degrees C
Storage temperature	-40 to +85 degrees C
Relative humidity	0-95%, noncondensing

03 APPLICATION AND CONFIGURATION

- T3419 interfaces detector loops to Regent logic, including alarm, healthy, open and short conditions. Select loop termination and thresholds from the actual detector load-line characteristics and approved engineering design.
- Confirm T3419, the Regent I/O position, detector type, field supply, termination and upper 11/lower 7 keys. Sharing a field detector between redundant modules requires manufacturer review.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

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PDF pp. 1-5: operation and testing; pp. 8-18: connections, thresholds and reset; pp. 19-21: safety and 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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