

T3401

Regent 24 Vdc Digital Input Module

Safety-system intelligence, clearly documented.

Product Overview

ICS Triplex T3401 is a Regent 24 Vdc Digital Input Module. In the Regent system it senses sixteen discrete 24 Vdc field states and transfers voted logic-side data to the Regent Safetybus; it handles 24 Vdc on/off field-switch signals; 8.7 mA nominal input current and operates with Regent I/O chassis, field terminal blocks, processor modules and WINTERPRET configuration. Typical uses include Emergency shutdown contacts, Fire and gas switches, Motor trip status.

Verified Technical Reference

Manufacturer	ICS Triplex (Rockwell Automation)
Model	T3401
Product Type	Regent 24 Vdc Digital Input Module
System Family	Regent
Channel / Interface Summary	16 inputs in two isolated groups of eight; 14–30 Vdc
Signal Role	24 Vdc on/off field-switch signals; 8.7 mA nominal input current
Official Device Dimensions	320 × 32 × 257 mm
Official Weight / Mass	1.4 kg
Country of origin	Verify the physical nameplate and current Rockwell Automation order record
Tariff Code	8537101101
Official Source	Rockwell Automation ICSTT-RM006-EN-P (PD-6011)

Core Functions

- senses sixteen discrete 24 Vdc field states and transfers voted logic-side data to the Regent Safetybus
- Processes 24 Vdc on/off field-switch signals; 8.7 mA nominal input current
- Exchanges data and diagnostics with Regent I/O chassis, field terminal blocks, processor modules and WINTERPRET configuration
- Reports module and channel status through the controller architecture
- Supports the safety or high-integrity control strategy described by the official manual

Key Features

- 16 inputs in two isolated groups of eight; 14–30 Vdc
- Designed for the Regent architecture
- senses sixteen discrete 24 Vdc field states and transfers voted logic-side data to the Regent Safetybus
- Model-specific keying, termination and configuration requirements are retained
- Official diagnostics and redundancy behavior must be commissioned in the host system

Compatible Components

Regent I/O chassis, field terminal blocks, processor modules and WINTERPRET configuration

Official Source

Rockwell Automation ICSTT-RM006-EN-P (PD-6011)

https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icstt-rm006_-en-p.pdf

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