

TR-CONTROL

Addressable Notification Module

GENERAL

The TR-CONTROL is an addressable notification module for use with Triga Series fire alarm control panels (FACPs). The TR-CONTROL gives you the flexibility to add notification circuits wherever they are needed on a Triga FACP signaling line circuit (SLC) loop.

The TR-CONTROL provides supervised monitoring of wiring to load devices that require an external power supply to operate, such as bells, horns, and strobes. It is capable of Class B and Class A supervision.

Upon command from the FACP, the TR-CONTROL will disconnect the supervision and connect the external power supply across the load device. The disconnection of the supervision provides a positive indication to the panel that the control relay actually turned on. The external power supply is always relay isolated from the SLC loop, so that a trouble condition on the power supply will never interfere with the rest of the system.

INSTALLATION

The TR-CONTROL mounts directly into a 4" square electrical box. The box must have a minimum depth of 2-1/8". A surface mount electrical box (TR-SMB500) is available from Triga.

COMPATIBILITY

The TR-CONTROL is compatible with the following Triga Series FACPs:

- TR-2100R / TR-2100B
- TR-2100ECSR / TR-2100ECSB
- TR-R2100R / TR-R2100B



TR-Control Module

FEATURES & BENEFITS

- Flexible solution for adding notification circuits where needed
- Support for Class B (style Y) or Class A (style Z) wiring
- Panel controlled status LED that flashes green in normal state and is solid red in alarm
- Polling LED visible through the cover plate
- Rotary address switches for fast installation
- SEMS screws for easy wiring
- UL Listed
- FM Approved



Technical Specifications

PHYSICAL

Dimensions: 4.5" H x 4"W x 1.25" D

Shipping Weight: 6.3oz (196g)

ENVIRONMENTAL

Operating Temperature: 32°F to 120°F (0°C to 49°C)

Humidity: 10% to 93% relative humidity
(noncondensing)

ELECTRICAL

Operating Voltage: 15 to 32VDC

Standby & Alarm Current: 350 μ A

End-of-Line Resistance: 47k

SLC Loop Impedance: 40

ACCESSORIES

TR-SMB500: 4" Square Surface Mount Electrical Box

TR-CB500: Module Barrier. Used to separate power limited and non-power limited wiring in a junction box

AGENCY LISTINGS

NFPA 13, NFPA 70, NFPA 72, UL 2572, UL 1711 &

UL 864: Local Protective Signaling Systems

UL Listed

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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