

TR-MONITOR

Addressable Monitor Module

The TR-MONITOR is an addressable monitor module for use with the Triga Series fire alarm control panels (FACPs). The TR-MONITOR acts as an interface to contact devices, such as waterflow switches and pull stations.

The TR-MONITOR supports Class A supervised or Class B supervised wiring to the load device. Conventional 4-wire smoke detectors can be monitored for alarm and trouble conditions.

INSTALLATION

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

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



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FEATURES & BENEFITS

- Isolates short circuits on an SLC loop
- Protects the modules on the SLC loop so other devices continue to operate
- Panel controlled status LED that flashes green in normal state and is solid red in alarm
- Standard 4 inch electrical box mounting
- SEMS screws for easy wiring
- UL Listed
- FM Approved

Technical Specifications

PHYSICAL

4.5" H x 4" W x 1.25 D (11.4 x 10.2 x 3cm)

Shipping Weight: 6.3oz (196g)

ELECTRICAL RATINGS

Operating Voltage: 15 – 32 VDC

Current Draw (LED on): 5.0mA max

Operating Current (LED flashing): 375 μ A

Standby Current: 400 μ A max @ 24 VDC (one communication every 5 sec with 47K EOL); 550 μ A max @ 24 VDC (one communication every 5 sec with EOL <1K)

5.5 mA (with LED latched on)

LED Current: 5.5 mA (with LED latched on)

End-of-Line Resistance: 47K Ω

Initiating Device Circuit Wiring Resistance: 1,500 Ω max

SLC Loop Resistance: 40 Ω max.

ORDERING INFORMATION

TR-MONITOR: Monitoring Module

ACCESSORIES

TR-SMB500: 4" Square surface mount electrical box

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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