

# 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.

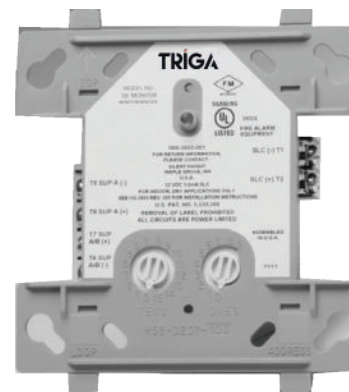
### INSTALLATION

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



**TR-MONITOR**

## 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

Alarm Current : 5.1mA max

Operating Current (LED flashing): 375 $\mu$ A

Standby Current: 205  $\mu$ A

LED Current: 5.5 mA (with LED latched on)

End-of-Line Resistance: 47K  $\Omega$

Initiating Device Circuit Wiring Resistance: 1,500 $\Omega$  max

SLC Loop Resistance: 40  $\Omega$  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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