

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



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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

Alarm Current : 5.1mA max

Operating Current (LED flashing): 375 μ A

Standby Current: 205 μ A

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.

TRIGA INVESTMENTS, LLC
340 Taxiway Bravo Beeville, TX 78102,
Tel: +1330-577-5199. Email:info@trigaglobal.com