

TR-AMM-4SF

Addressable Monitor Module

GENERAL

The TRIGA GEN2 Series, addressable monitor module TR-AMM-4SF features a single Style D, Class A initiating device circuit. It may also be configured as a Style B, Class B initiating circuit with an end-of-line resistor. This module provides an address for a group of conventional 2-wire smoke detectors.

Any alarm initiating devices with normally open (N.O.) dry contacts such as the following devices may also be installed in this circuit.

- heat detectors
- linear heat detection devices
- 4-wire smoke detectors
- manual stations
- water flow switches
- tamper switches

The GEN2 Series use a communication protocol that substantially increases the speed of communication between the sensors and certain TRIGA analog addressable fire alarm control panels. These devices operate in a grouped fashion. If one of the devices in the group has a status change, the panel's microprocessor stops the group poll and concentrates on the single device. The net effect is response speed up to five times greater than earlier designs.

The TR-AMM-4SF module is designed to be installed with the signaling line circuit in any TRIGA analog addressable fire alarm control panel. The signaling line circuits of TRIGA analog addressable panels are designed to accommodate up to 159 monitor modules per circuit.

The initiating device circuit of the TR-AMM-4SF can support a maximum line resistance of up to 25 ohms. This feature allows the use of linear heat detection devices. In addition, it allows the module to stay in alarm with one smoke detector activated. The TR-AMM-4SF is designed to mount in a 4" square box 2 1/8" deep.



TR-AMM-4SF



FEATURES & BENEFITS

- Accommodates up to twenty conventional 2-wire smoke detectors.
- Supports Class A, Style D, or Class B, Style B initiating circuit
- Offers 25 ohm line resistance for each initiating device circuit
- Provides visual rotary, decimal switch addressing (01-159)
- Accommodates any N/O dry contact device
- Compact size allows easy installation
- Displays bi-color LEDs flash green whenever the module is addressed, and light steady red on alarm*

Note: Specifications are subject to change without notice.



Technical Specifications

SPECIFICATIONS

Supervisory Current: 255 μ A (LED flashing)
Alarm Current: 5.1 mA (LED lit)
Operating Temperature: 32° to 120° F (0° to 49° C)
Relative Humidity: 10 to 93% (non-condensing)
Dimensions: 4.5" H $\times$ 4 W $\times$ 1.25" D
End-of-Line Resistor: 3.9 K ohms

STANDARDS

The GEN2 Series Control Panel is designed to comply with the following standards:

UL Standards: UL 864
 UL 2572 for Mass Notification

ORDERING INFORMATION

TR-AMM-4SF: Addressable monitor module, single circuit

AGENCY LISTINGS AND APPROVALS

For exact certification listings for each model, please reference the respective agency website.

UL listed

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

Note: Specifications are subject to change without notice.