

TR-MMI-10F

Multi-Module Input, 10 Monitor Input Module

GENERAL

The TRIGA GEN2 Series, multi-mod ten input monitor module (TR-MMI-10F) provides ten Style B (Class B) or five Style D (Class A) supervised initiating device circuits (IDCs) that are suitable for a wide range of monitoring applications.

The GEN2 Series use a communication protocol that substantially increases the speed of communication between the sensors and certain TRIGA analog addressable fire alarm controls. 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.

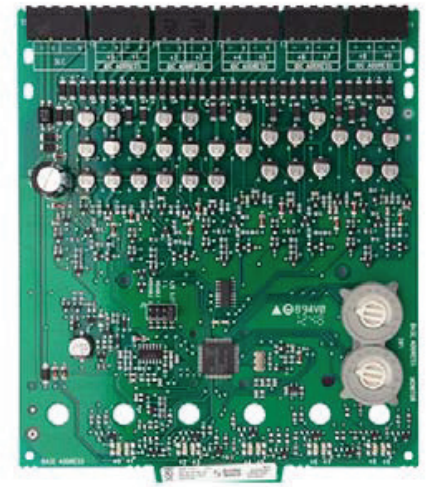
Each supervised circuit may be connected to any normally open contact device such as manual stations, tamper and supervisory switches, waterflow switches, heat detectors, 4-wire smoke sensors, etc.

The TR-MMI-10F connects to the signaling line circuits (SLC) of the TRIGA analog addressable series fire alarm control panels. Each of the TR-MMI-10F circuits occupies its own address on the system's SLC allowing each to be fully programmable in its control-by-event sequence of operation.

The address of the first circuit is set with a pair of rotary dials. Each remaining circuit is automatically assigned to its own subsequent address. The TR-MMI-10F module includes an address disable jumper matrix that allows a maximum of two unused addresses to be turned off to free these addresses for other purposes. An additional jumper setting selects either Style B or Style D circuit configurations.

Each circuit has its own status LED that flashes to indicate proper polling and lights steadily when the output has been activated.

Two Multi-Mod units can be mounted in one **MBB-2** cabinet. Additional mounting options include the **MCH-6** chassis that can accommodate six Multi-Mod modules. The **MCH-6** chassis can be installed in a custom cabinet or it can be mounted in the **MBB-6** cabinet that allows you to install up to six Multi-Mod modules in one cabinet. The TR-MMI-10F is ideal for applications where centralized location of circuits is required. As many as sixty initiating device circuits may be located in a cabinet that is only 12.6" H x 24" W x 6.5" D in dimension saving valuable wall space in mechanical rooms and electrical closets and reducing cost of installation.



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FEATURES & BENEFITS

- Each TR-MMI-10F monitor module provides ten Style B (Class B) or five Style D (Class A) individually addressable, individually programmable initiating device circuits
- Ideal for applications requiring monitoring of normally open contact devices
- Removable wiring terminal blocks allow ease of installation and servicing
- Terminal blocks can accommodate 12 to 18 AWG wire
- Flexible jumper configuration feature allowing one or two monitoring circuit addresses to be disabled
- Individual LED indicators.*
- Ideal for retrofit applications
- As many as sixty initiating device circuits in one 12" x 24" x 6.5" cabinet.
- Two mounting cabinets available for two (**MBB- 2** cabinet) to six (**MBB- 6** cabinet) **MMO-6RS**
- Bi-color LEDs flash green whenever the sensor is addressed, and light steady red on alarm

Note: Specifications are subject to change without notice.



Technical Specifications

SPECIFICATIONS

Operating Voltage: 15-29 VDC

Stand-by Current: 3.75 mA

Alarm Current: 60 mA (with all ten LEDs lit)

Maximum SLC Wire Resistance: 40 Ohms

Maximum IDC Wire Resistance: 1500 Ohms

Maximum IDC Voltage: 12 VDC

Maximum IDC Current: 1 mA

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

Humidity: 10 to 85% (non-condensing)

Dimensions: 6.8" H x 5.8" W x 1.25" D (17.3 x 14.7 x 3.2 cm)

MBB-2: 12.25" H x 9.25" W x 3.32" D (31.2 x 23.5 x 8.4 cm)

MBB-6: 12.63" H x 24" W x 6.5" D (32.1 x 60.1 x 16.5 cm)

STANDARDS

The GEN2 Series TR-MMI-10F is designed to comply with the following standards:

UL Standard: UL 864

UL 2572 for Mass Notification

ORDERING INFORMATION

TR-MMI-10F: Multi-Module Input, 10 Monitor Input Module

MBB-2: Backbox, 2 unit

MBB-6: Backbox, 6 unit, requires **MCH-6**

MCH-6: 6-Unit mounting chassis

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

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