

TR-AOM-2RF

Addressable Output Relay Control Module

GENERAL

The TRIGA GEN2 Series, addressable output relay control module (TR-AOM-2RF) allows a TRIGA analog addressable fire alarm control panel to switch discrete relay contacts by code command. The relay provides two isolated sets of Form-C contacts which transfer simultaneously. Circuit connections to the relay contacts are not supervised by the module.

The GEN2 Series use a communication protocol that substantially increases the speed of communication between the SLC devices 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 result produces a superior response speed up to five times greater than earlier designs.

The TR-AOM-2RF Module is designed for installation in the signaling line circuit of any TRIGA analog addressable fire alarm control panel. The module contains a panel controlled LED. The TR-AOM-2RF is designed to mount in a 4" (10.16 cm) square junction box 2 1/8" (5.53 cm) deep.



TR-AOM-2RF



FEATURES & BENEFITS

- Listed under UL® Standard 864
- Offers two sets of Form "C" contacts
- Provides visual rotary, decimal switch addressing (01-159)
- Includes a bi-color LED that flashes green whenever the module is addressed, and lights steady red upon activation*
- Designed as a compact size to allow easy installation

Note: Specifications are subject to change without notice.



Technical Specifications

SPECIFICATIONS

Supervisory Current: .000375 amps.

Average Operating Current: 230 μ A direct poll; 255 μ A group poll

Alarm Current: .0065 amps.

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

Relative Humidity: 10 to 93% relative humidity (noncondensing)

Dimensions: 4.675" H x 4.275" W x 1.4" D
(119 mm H x 108 mm W x 36 mm D)

RELAY CONTACT RATINGS

Current Rating	Maximum Voltage	Load Description	Application
3A	30 VDC	Resistive	Non-Coded
2A	30 VDC	Resistive	Coded
0.9A	110 VDC	Resistive	Non-Coded
0.5A	125 VAC	Resistive	Non-Coded
0.5A	30 VDC	Inductive (L/R=5ms)	Coded
1A	30 VDC	Inductive (L/R=2ms)	Coded
0.5A	125 VAC	Inductive (PF=.35)	Non-Coded
0.7A	75 VAC	Inductive	Non-Coded

STANDARDS

The GEN2 Series TR-AOM-2RF is designed to comply with the following standard:

UL Standard: UL 864.

ORDERING INFORMATION

TR-AOM-2RF: Addressable output relay control module

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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