

## TR-RELAYMON-2

### Addressable Dual Relay / Monitor Module

The TR-RELAYMON-2 multi output-input module is designed for use with the Triga Series fire alarm control panels (FACPs).

The addressable module is intended for use in intelligent, two-wire loops. It includes two individual relay control modules and two Class B monitor modules. Each relay output is intended for Form C switching applications which do not require wiring supervision for the load circuit. Each monitor input provides an interface between a fire alarm control panel and one or more normally open contact-type devices. Each relay output has its own green LED.

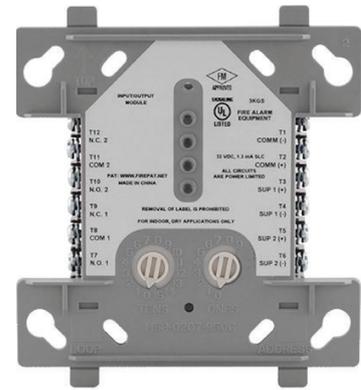
#### INSTALLATION

The TR-RELAYMON-2 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-RELAYMON-2 is compatible with the following Triga Series FACPs:

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



**TR-RELAYMON-2**

## FEATURES & BENEFITS

- Monitor two circuits, with unique addresses, simultaneously
- Two Form C relay contacts with each having a unique address
- Fully supervised support for Class B input wiring
- Relay programming is completely flexible – can be mapped to zone conditions
- Individual LEDs for each monitored input and relay output
- Rotary address switches for fast installation
- SEMS screws for easy wiring
- UL Listed
- FM Approved



## Technical Specifications

### SPECIFICATIONS

**Physical:** 4.675"H x 4.275"W x 1.4"D (mounts to a 4" square by 2 1/8" deep box).

**Shipping Weight:** 6.3oz (196g)

### ELECTRICAL RATINGS

**Operating Voltage:** 15 to 32VDC

**Standby Current:** 450µA

**Alarm Current:** 24mA

### ENVIRONMENTAL

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

**Humidity:** 10 to 93% non-condensing)

### RELAY CONTACT RATINGS

Current Rating	Max Voltage	Load Description	Application
2A	25VAC	PF=0.35	Non-coded
3A	30VDC	Resistive	Non-coded
2A	30VDC	Resistive	Coded
0.46A	30VDC	(L/R =20ms)	Non-coded
0.7A	70.7VAC	PF=0.35	Non-coded
0.9A	125VDC	Resistive	Non-coded
0.5A	125VAC	PF=0.75	Non-coded
0.3A	120VAC	PF=0.35	Non-coded

### ORDERING INFORMATION

**TR-RELAYMON-2:** Relay/Monitor 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