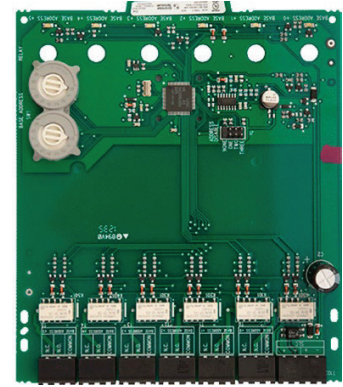# TR-RELAY-6

Addressable Relay Module

The TR-RELAY-6 is an addressable relay module for use with Triga Series fire alarm control panels (FACPs). The TR-Relay-6 has six Form C relays. It allows a Triga FACP to switch discrete contacts by code command. If needed, you can disable a maximum of three unused modules on the TR-RELAY-6 board. No supervision is provided for the notification appliance circuit.

The TR-RELAY-6 contacts can be used for virtually any normally open or normally closed application. Each TR-RELAY- 6 is programmed with a unique signaling line circuit (SLC) loop address. When an event occurs that controls the TR-RELAY-6, the relay is triggered by the FACP.

INSTALLATION

The TR-RELAY-6 mounts in the Triga TR-IDP-ACB cabinet. The TR-IDP-ACB has a built-in chassis that will a ccommodate one or two TR-RELAY-6 modules.

COMPATIBILITY

The TR-RELAY-6 is compatible with the following Triga Series FACPs:

• TR-2100R / ITR-2100B

• TR-2100ECSR / TR-2100ECSB

• TR-R2100R / TR-R2100B

TR-RELAY-6

FEATURES & BENEFITS

• Six Form C contacts

• Removable 12 to 18AWG plug-in terminal blocks

• Relay programming is completely flexible— can be mapped to zone conditions

• Individual LED for each relay contact

• Two module mounting in the TR-IDP-ACB cabinet

• Up to three unused modules can be disabled

• Rotary address switches for fast installation

• Mounting hardware included

• Class A or B operation

• UL Listed

• FM Approved

Technical Specifications

SPECIFICATIONS

Physical: 6.8" H x 5.8" W x 1.25" D

Shipping Weight: 6.3oz (196g)

ELECTRICAL RATINGS

Operating Voltage: 15 to 32VDC

Standby Current: 1.45mA maximum

Alarm Current: 30 mA/Relay Pulse (15.6 mS pulse duration) pulse under panel control

Relay Contact Ratings:

2.0A @ 25VAC (PF=.35), non-coded

3.0A @ 30VDC resistive, non-coded

2.0A @ 30VDC resistive, coded

0.46A @ 30VDC (L/R=20ms), non-coded

0.7A @ 70.7VAC (PF=.35), non-coded

0.9A @ 125VDC resistive, non-coded

0.5A @ 125VAC (PF=.75), non-coded

0.3A @ 125VAC (PF=.35), non-coded

ORDERING INFORMATION

TR-RELAY-6: Six Relay Module

ACCESSORIES

TR-IDP-ACB: Cabinet. 15.25" H x 12.5" W x 3" D

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.

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