![TRIGA logo] Powered by Honeywell
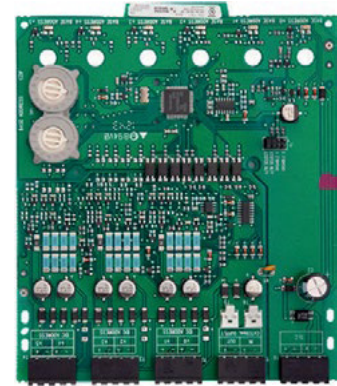
TR-ZONE-6

Six Zone Interface Module

The TR-ZONE-6 is an addressable zone interface module for use with the Triga Series fire alarm control panels (FACPs). The IDPZONE- 6 provides six zone inputs that allow a Triga FACP to interface and monitor two-wire conventional smoke detectors. This means you can retrofit an existing building and use existing conventional devices.

The inputs on the TR-ZONE-6 share a common FACP signaling line circuit (SLC) input, and the initiating device circuits share a common external power supply. Otherwise, each input on the module operates independently from the others. If needed, you can disable a maximum of two unused inputs on the TR-ZONE-6 board.

It transmits the status of a zone of two-wire detectors to the FACP. Status conditions are reported as normal, open or alarm. The TR-ZONE-6 supervises the zone of detectors and the connection of the external power supply. All two-wire detectors being monitored must be UL compatible with the TR-ZONE-6.

INSTALLATION

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

TR-ZONE-6

FEATURES & BENEFITS

- Converts a conventional two-wire loop to an SLC loop
- Six zone inputs
- Fully supervised
- Support for Class B and Class A wiring
- Removable 12 to 18 AWG plug-in terminal blocks

- Individual LED for each relay contact
- Two module mounting in the TR-IDP-ACB cabinet
- Up to two unused modules can be disabled

- Rotary address switches for fast installation
- Mounting hardware included

- UL Listed

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: 2mA

Alarm Current: 40mA max.

(Assumes all six LEDs solid on)

Initiating Device Circuit: Supervised, power-limited

Max. IDC Wiring Resistance: 25W max

External Power Supply

Standby Current: 50mA

Alarm Current: 270mA

End-of-Line Resistance: 3.9k W

ENVIRONMENTAL

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

Humidity: 10 to 93% (non-condensing)

ORDERING INFORMATION

TR-ZONE-6: Six Zone Two-Wire Interface Module

ACCESSORIES

TR-IDP-ACB: Module Cabinet. Cabinet holds two
TR-ZONE-6 15.25" H x 12.5" W x 3" D

COMPATIBILITY

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

• TR-2100R / TR-2100B

• TR-2100ECSR / TR-2100ECSB

• TR-R2100R / TR-R2100B

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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