

TR-6815

Signaling Line Circuit Expander

The TR-6815 is a signaling line circuit (SLC) expander for use with the Triga Series TR-2100ECSR / TR-2100ECSB analog / addressable fire alarm control panel (FACP). Use the TR-6815 to add more SLC devices of the same protocol to the TR-2100ECSR / TR-2100ECSB control panel.

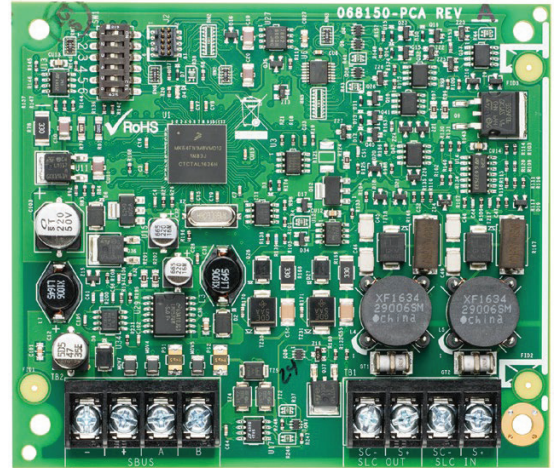
Additional TR-6815's support 159 devices, and 159 modules for a maximum of 2100 points per TR-2100ECSR / TR-2100ECSB. The number of TR-6815's used is limited by the number of SBUS devices. TR-6815 shall support the TRIGA wireless range of devices.

The TR-6815 communicates with the FACP via an RS 485 system bus. A green LED on the TR-6815 board blinks to indicate good communication. If an addressable device on a TR-6815 fails, the loop communicates the failure to the FACP and continues to operate normally.

COMPATIBILITY

The TR-6815 is compatible with the following Triga Series FACP's:

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



TR-6815

FEATURES & BENEFITS

- Adds support for up to 159 sensors and 159 modules per TR-2100ECSR / TR-2100ECSB panel
- Communicates with the FACP via RS 485 system bus
- LED indicates good communication
- House up to two TR-6815s in the TR-2100ECSR/ TR-2100ECSB , TR-R2100R/ TR-R2100B, TR-RPS1 cabinets, or in the TR-5815RMKR/ TR-5815RMKB remote mounting kit
- SLC wiring used standard wire. Twisted pair or shield cable are not required
- UL 864 listed, complies with NFPA 72 and 101
- Support for wireless devices



Technical Specifications

PHYSICAL

Dimensions: 4.2"H x 4.8" W (10.7 x 12.2 cm)
Shipping Weight: 5.6oz (159 g).

ELECTRICAL

Standby & Alarm Current: 78mA max

ENVIRONMENTAL

Operating Temperature: 32°F to 120°F (0°C to 49°C)
Humidity: 0 to 93% non-condensing

SYSTEM CAPACITY

TR-2100ECSR / TR-2100ECSB FACP supports 63 x TR-6815s (but a maximum of 2100 SLC devices per system)

ORDERING INFORMATION

TR-6815: Signaling Line Circuit Expander.

ACCESSORIES

TR-RPS1: Intelligent Power Module. Cabinet holds two TR-6815s.

TR-5815RMKR: Remote Mounting Kit Cabinet holds two TR-6815s. Red cabinet

TR-5815RMKB: Remote Mounting Kit Cabinet holds two 6815s. Black cabinet.

TR-NIC-KIT: Remote Mounting Kit Cabinet. holds one TR-6815. 10-3.8" W x 10-3/16" H x 3" D

AGENCY LISTINGS AND APPROVALS

NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72: Central Station; Remote Signalling; Local Protective Signalling Systems; Auxiliary Protected Premises Unit; & Water Deluge Releasing Service. Suitable for automatic, manual, waterflow, sprinkler supervisory (DACT non-coded) signalling services.

UL listed

FM approved

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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