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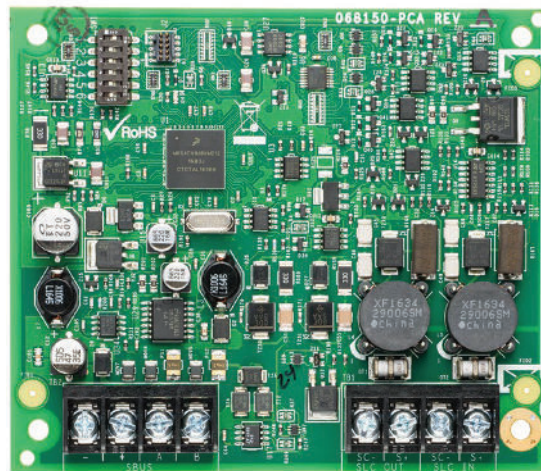
Additional TR-6815's support 159 devices, and 159 modules for a maximum of 2100 points per TR-2100ECSR / TR-2100ECSB. The number of TR-6815's used is limited by the number of SBUS devices. TR-6815 shall support the TRIGA wireless range of devices.

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 LISTIINGS 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.

TRIGA Life Safety Systems, LLC
7600 Olde Eight Rd, Hudson, Ohio, United Sates of America
Tel : +1 330-577-5199, Email: info@trigaglobal.com