

TR-RPS1

6 Amp Intelligent Distributed Power Module

TR-RPS1 is an intelligent distributed power module that adds 6.0 amps of power, six Flexput™ I/O circuits, and two Form C relay circuits to a compatible Triga Series addressable system.

TR-RPS1 connects to the FACP via the RS-485 system bus allowing up to an additional 6,000 feet of wiring. Each TR-RPS1 is optically isolated providing ground loop isolation and transient protection. TR-RPS1 supports its own backup battery and monitors the AC power.

The Flexput circuits can be programmed as notification appliance circuits, continuous, re-settable, or door holder power, or as conventional initiation circuits for 2 or 4-wire smoke detectors and contact devices (e.g. pull stations) Installation.

COMPATIBILITY

The TR-RPS1 are compatible with the following Triga Series FACP's:

- TR-2100ECSR / TR-2100ECSB (63 max per panel)
- TR-2100R / TR-2100B / TR-R2100R / TR-R2100B (63 max per panel)



TR-RPS1

FEATURES & BENEFITS

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| <ul style="list-style-type: none"> • 6.0 amps output power • Supports Class A (Style 6) and Class B (Style 4) configuration of the SBUS • Two Form C programmable relays rated at 2.5A @ 24 VDC | <ul style="list-style-type: none"> • Ground loop isolation and transient protection • Provides SBUS optical isolation and re-conditions the RS- 485 signal • Built-in synchronization for appliances from System Sensor®, AMSECO, Gentex®, and Wheelock® | <ul style="list-style-type: none"> • Up to 6,000 foot wiring distance from the TR-RPS1 • Battery charging capacity is 35AH • Large cabinet size can house two 18AH backup batteries or RBB accessory cabinet can house battery sizes larger than 18AH | <ul style="list-style-type: none"> • Room to mount two TR-6815 SLC expander modules • Six onboard Flexput circuits programmable for: <ul style="list-style-type: none"> a) Notification appliance circuits (Class B/Style Y & Class A/Style Z) b) Conventional initiation circuits (Class B/Style B & Class A/Style D) both 2- and 4-wire c) Auxiliary power (for door holders, continuous power, or resettable power) |
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Technical Specifications

PHYSICAL

Mounting Dimensions: 14.5" W x 24.75" H x 3.9" D
(36.8 cm W x 62.9 cm H x 9.8 cm D)

Overall Dimensions: 16.1" W x 26.4" H x 4.1" D
(40.6 cm W x 67 cm H x 11.8 cm D)

Color: Red

ENVIRONMENTAL

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

Humidity: 10%-93% non-condensing

IP Rating: IP20

ELECTRICAL

Primary AC: 120 V, 50 or 60Hz, 2.5A, or 240V, 50 or 60Hz, 1.4A

Total Accessory Load: 6A @ 24VDC

CURRENT

Standby: 40mA

Alarm: 160mA

SBUS Standby & Alarm: 10mA

Flexput Circuits:

Notification: 3amps per circuit (6A system total)

Initiation: 100mA power limited @ 24VDC

ORDERING INFORMATION

TR-RPS1: High voltage (240V) Intelligent Distributed Power Module

ACCESSORIES

RBB: Remote Battery Box Accessory Cabinet. 16" W x 10" H x 6" D (406 mm W x 254 mm H x 152 mm D)

AB-55: Remote Battery Box Accessory Cabinet. 20"W x 12" H x 7.5" D

TR-6815: SLC Expander Module

TR-SCK: Seismic Compliance Kit

AGENCY LISTING AND APPROVALS

NFPA 13, NFPA 70, NFPA 72, UL 2572, UL 1711 &

UL 864: Local Protective Signalling Systems.

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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