

FIK-RPS1000 / FIK-RPS1000HV

6 Amp Intelligent Distributed Power Module

The FIK-RPS1000 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 Fike FCP series addressable system. The FIK-RPS1000 connects to the FACP via the RS-485 system bus allowing up to an additional 6,000 feet of wiring. Each FIK-RPS1000 is optically isolated, providing ground loop isolation and transient protection. The FIK-RPS1000 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 conventional initiation circuits for 2 or 4-wire smoke detectors and contact devices (e.g., pull stations).

COMPATIBILITY

The FIK-RPS1000 is compatible with the following Fike FCP series panels:

- FCP-75 (8 max per panel)
- FCP-300 / FCP-300ECS (16 max per panel)
- FCP-2100 / FCP-2100ECS (63 max per panel)
- RFCP-2100 (63 max per panel)

FEATURES

- 6 amps output power
- Supports Class A and Class B configuration of the SBUS
- Two Form C programmable relays
- Ground loop isolation and transient protection
- SBUS optical isolation and re-conditions the RS-485 signal
- Built-in synchronization for System Sensor®, Gentex®, and Wheelock® appliances
- Up to 6,000 ft (1,828 m) wiring distance from the FIK-RPS1000
- 35AH battery charging capacity
- Cabinet houses up to two 18AH backup batteries, or RBB accessory cabinet can house battery sizes larger than 18AH
- Room to mount two FIK-6815 SLC expander modules
- Six onboard Flexput circuits



APPROVALS

NFPA 13, NFPA 70, NFPA 72, UL 2572, UL 1711, and UL 864: Local Protective Signaling Systems:

- UL Listed
- Factory Mutual Approved
- CSFM

For exact certification listings, please reference the respective agency website.

SPECIFICATIONS

Physical	
Flush Mount Dimensions (WxHxD):	14.5" x 24.75" x 3.9" (36.8 cm x 62.9 cm x 9.8 cm)
Overall Dimensions (WxHxD):	16.1" x 26.4" x 4.1" (40.6 cm x 67 cm x 11.8 cm)
Color:	Red
Environmental	
Operating Temperature:	32°F - 120°F (0°C - 49°C)
Humidity:	10% - 93% non-condensing
Electrical	
Primary AC:	120 VRMS, 50/60Hz, 2.5A 240 VRMS, 50/60Hz, 1.4A
Total Accessory Load:	6A @ 24VDC
Current Standby/Alarm:	40mA/160mA
SBUS Standby/Alarm:	10mA
Standby Battery:	7 – 35AH (up to 18AH in cabinet)
Flexput Circuits	
Notification:	3A per circuit (6A system total)
Initiation:	100mA @ 24VDC, power-limited

ORDERING INFORMATION

Part Number	Description
FIK-RPS1000	Intelligent Distributed Power Module, 120V
FIK-RPS1000HV	Intelligent Distributed Power Module, 240V
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)
FIK-6815	SLC Expander Module for FIK Devices
SK-SCK	Seismic Compliance Kit