

RPS-1000 / RPS-1000B

6 Amp Intelligent Distributed Power Module

RPS-1000 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 Honeywell Farenhyt Series addressable system. The RPS-1000 is available in a red (RPS-1000) or black (RPS-1000B) cabinet. The RPS-1000 connects to the FACP via the RS-485 system bus allowing up to an additional 6,000 feet of wiring. Each RPS-1000 is optically isolated providing ground loop isolation and transient protection. RPS-1000 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 RPS-1000 and RPS-1000B are compatible with the following Farenhyt Series FACP's:

- IFP-2100ECS / IFP-2100ECSB (63 max per panel)
- IFP-2100 / IFP-2100B / RFP-2100 / RFP-2100B (63 max per panel)
- IFP-2000 / RPS-2000 / IFP-2000ECS (63 max per panel)
- IFP-300 / IFP-300B / IFP-300ECS / IFP-300ECSB (16 max per panel)
- IFP-1000 / IFP-1000ECS (8 max per panel)
- IFP-100 / IFP-100ECS (8 max per panel)
- IFP-50 (8 max per panel)



RPS-1000B

FEATURES & BENEFITS

- | | | | | |
|--|--|---|--|---|
| <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 RPS-1000• 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 6815 or 5815XL SLC expander modules• Six onboard Flexput circuits programmable for:• Notification appliance circuits (Class B/Style Y & Class A/Style Z) | <ul style="list-style-type: none">• Conventional initiation circuits (Class B/Style B & Class A/Style D) both 2- and 4-wire• Auxiliary power (for door holders, continuous power, or resettable power) |
|--|--|---|--|---|

RPS-1000 / RPS-1000B 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 or Black

ENVIRONMENTAL

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

Humidity: 10%-93% non-condensing

ELECTRICAL

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

RPS-1000 (Red): Intelligent Distributed Power Module

RPS-1000B (Black): Intelligent Distributed Power Module

* Specify 120 VAC or 240 VAC operation when ordering.

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

6815: SLC Expander Module for IDP or SK devices

5815XL: SLC Expander Module for SD devices

SK-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; CSFM; City of New York: 429-92-E Vol IX

For a complete listing of all compliance approvals and certifications, please visit www.farenhyt.com.

Microsoft, Windows, and the Windows Logo are registered trademarks or trademarks of Microsoft Corporation.

Honeywell® is a registered trademarks of and Farenhyt™ is a trademark of Honeywell International, Inc.

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.

For Technical Support, Please call 800-446-6444.

For more information

Learn more about Honeywell's Farenhyt Series and other products available by visiting www.farenhyt.com

Honeywell Security & Fire

12 Clintonville Road
Northford, CT 06472
800-328-0103

350070 | L | 11/17
© 2017 Honeywell International Inc.

Honeywell