Rauland

Responder®

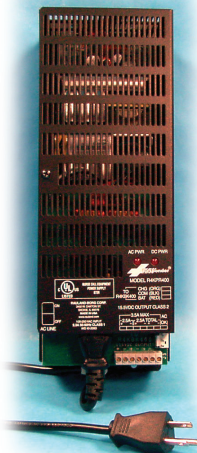# MODEL: R4KPR400 — POWER SUPPLY

R4KPR400

FEATURES

- Self-contained unit
- Status LED indicators
- Three (3) individually energy limited outputs
- Power connectors for termination board and K-bus components
- Meets Class 2 energy limited requirements
- Power failure output with optional R4KBK400 — Battery Backup Kit

SPECIFICATIONS

Power Required: 120V AC to 250V AC @ 2.3A

Weight: 3.75 lbs. (1.70 kg)

Size: W: 11.43" (28.6 cm)
H: 3.91" (9.9 cm)
D: 3.25" (8.3 cm)

Housing &Finish: Black metal enclosure w/white nomenclature

Controls: One (1) AC On/Off switch
One (1) AC status LED
One (1) DC status LED

Environmental Parameters: 32°F (0°C) to 85°F (30°C)
Relative Humidity – 0 to 85%

Power Output: Regulated 15.5V DC @ 3.5A total
Output #1- 2.5A max output
Output #2&3(shared) 1A max output

Heat Output: 25W or 85 Btu/hr max (@ 3.5A full load)

Terminations: Three (3) pair of power screw terminals
(K-bus devices, termination board)
One (1) AC power connector
(IEC Universal receptacle)
One (1) plug-on connector for battery backup unit

Backbox Requirements: Rauland NC2828 Terminal Cabinet

Certification: UL/C-UL 1069; CE;
FCC Part 15 Class A

DESCRIPTION

The R4KPR400 provides 15.5V DC power for local Responder 4000 components including consoles, annunciate panels, patient stations, corridor lights, termination boards, K-bus, and X-bus devices. As a Responder 4000 system grows additional power supplies can be added when needed (refer to power calculation worksheets to determine proper number of R4KPR400s).

The optional R4KBK400 works in conjunction with a R4KPR400 to support emergency backup power for up to ten (10) minutes. The R4KPR400 has a modular connection to link it to the R4KBK400. One (1) R4KBK400 is required per R4KPR400 when designing for emergency battery backup.

ASSOCIATED EQUIPMENT

R4KBK400 — Battery Backup Kit

NC2828 — Terminal Cabinet

R4KNIM — Network Interface Module

R4KTMB — K-bus Termination Board

R4KPA — Paging Amplifier

R4KPLI — Phone Line Interface

R4KPIP — Peripheral Interface Port

Architect and Engineer (A&E) Specifications available online at: customerconnection.rauland.com
Specifications subject to change without notice