

Model: NCPWR Power Supply



Features

- Self-contained unit
- Status LED indicators
- Nine (9) individually energy limited power outputs
- Power connectors for X-Bus components
- Meets Class 2 energy limited requirements
- Power failure output with optional NCBBK Battery Backup Unit

Specifications

Power Requirements: 105V AC to 132V AC @ 2A

Weight: 12 lbs. (5.5 kg)

Size: H: 11³/₄" (29.9 cm)

W: 5³/₄" (14.6 cm)

D: 3⁷/₈" (9.9 cm)

Housing and Finish: Black metal enclosure w/white nomenclature

Controls: AC on/off switch, AC status LED, DC status LED

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

Power Output: Regulated 14V DC @ 6A total 2.5A each output

Heat Output: 108W or 369 Btu/hr Max (@ 6 A full Load)

Terminations: Nine (9) pairs of power screw terminals (local Console and J-bus runs), two (2) X-bus device power connectors, one (1) battery backup connector, and one (1) AC power connector

Backbox Requirements: Rauland NC2828 Terminal Cabinet

Certification: UL/C-UL 1069

Description

The NCPWR Power Supply provides 14V DC power for local Responder[®] IV components including Consoles, Control Stations and peripherals (Corridor Lights and Sub-Stations) and X-bus devices (Group Control Modules, Data Interface Modules, Telephone Line Interface Modules), etc. As a Responder IV system grows, additional power supplies are added as needed (refer to power calculation worksheets to determine proper number of NCPWR Power Supplies).

Multiple termination points are provided for up to three (3) Consoles and six (6) Control Station power runs. Each of these nine (9) sets of power connections are individually current limited so that if a short occurs on one (1) power run the remaining eight (8) power runs are unaffected. The Power Supply also provides connectors to power up to two X-bus devices.

The optional NCBBK Battery Backup Kit works in conjunction with the Power Supply to support emergency power backup. The Power Supply provides a modular connector for simple connection to the Battery Backup Kit. One Battery Backup Kit is required per Power Supply when designing for emergency battery backup.

Associated Equipment

NCBBK — Battery Backup Kit
NC2828 — Terminal Cabinet
NCTSM — Touchscreen Console
NCLCD — Standard Console
NCRECP — Console Receptacle
NCPROG — Programming Interface Module
NCDATA — Data Interface Module
NCTRCR — Tracer Interface Module
NCTLI — Telephone Line Interface
NCLED2, NCLED2CB, NCLED6 - Corridor Lights
NCJDROP — J-Bus Interface
NCJSOLO — Shrink-Wrapped J-Bus Interface
NCTSPLIT3 — Control/Sub Station Splitter
NCCOMT2 — S-Bus, J-Drop and CL-Drop Splitter

Architects and Engineers Specifications available on disk. Specifications subject to change without notice.

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