

96 VA Power Supply Catalog Page

LIT-1900541

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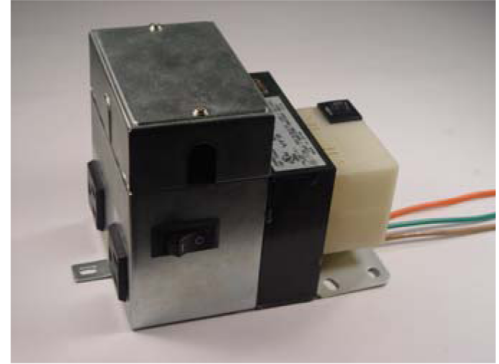
Description

The PAN-PWRSP Power Supply family is composed of 96 VA Class 2 power supplies incorporating a 5 A circuit breaker, a 96 VA 120/24 VAC transformer, and two 120 V convenience outlets. The high voltage terminals of each power supply are covered for compliance with NFPA 70E requirements.

The two 120 V convenience outlets provided with each power supply is always energized and usable for power connections such as a laptop computer (5 A maximum). The 5 A circuit breaker provides circuit protection for the primary side of the power supply and protects the two-position terminal block positions that allow a direct connection to a second transformer for applications requiring more than 96 VA.

The 4 A circuit breaker is manually resettable and protects the secondary winding. The secondary lead wires are 20 in. long.

The PAN-PWRSP-U model has been tested and listed by Underwriters Laboratories Inc.® (UL) for use in a *Metasys®* system UL/cUL 864 UUKL 10th Edition Smoke Control System. (For details on its application, refer to the *Metasys® System UL 864 10th Edition UUKL/ORD-C100-13 UUKLC Smoke Control System Technical Bulletin [LIT-12012487].*)



Features

- power supply with resettable circuit breaker and transformer provides high-voltage and low-voltage protection

- power supply pre-built, pre-wired, and pretested in an ISO-9002 manufacturing facility provides products of consistently high quality
- covers over high voltage terminal blocks provide protection

Figure 1: Power Supply Internal Wiring Schematic

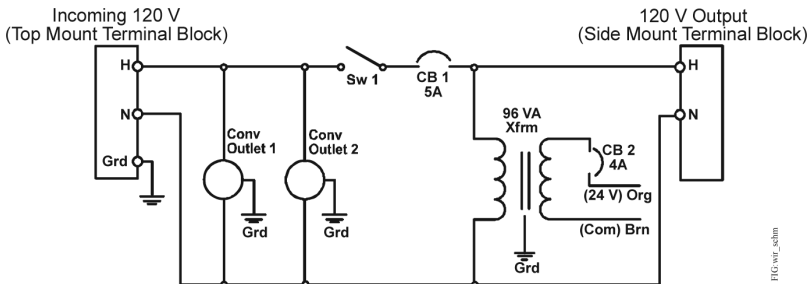
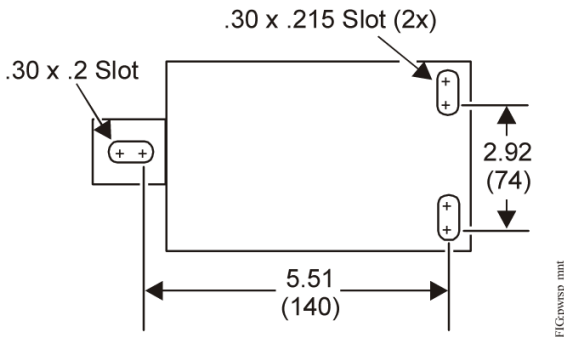


Figure 2: Power Supply Mounting Dimensions, in. (mm)



Repair Information

If the PAN-PWRSP, PAN-PWRSPG, or PAN-PWRSP-U power supply fails to operate within its specifications, replace the unit. To remain UL/cUL 864 compliant, only replace the PAN-PWRSP-U model with its exact equivalent. For a replacement power supply, contact the nearest Johnson Controls® representative.

Selection Chart

Table 1: Selection Chart

| Product Code Number | Description |
|---------------------|--|
| PAN-PWRSP | 96 VA Class 2 120/24 VAC power supply |
| PAN-PWRSPG | 96 VA Class 2 120/24 VAC power supply, Buy American version |
| PAN-PWRSP-U | 96 VA Class 2 120/24 VAC power supply, UL 864 10th Edition UUKL/ORD-C100-13 UUKLC Smoke Control Listed |

Technical Specifications

Table 2: PAN-PWRSP 96 VA Power Supply Family

| Specification | Description |
|-----------------------|---|
| Frequency | 50/60 Hz: PAN-PWRSP and PAN-PWRSPG 60 Hz: PAN-PWRSP-U |
| Transformer Class | Class 2 |
| Input Voltage | 120 VAC +/- 10% 50/60 Hz (60 Hz only for PAN-PWRSP-U) |
| Output Voltage | 20-30 VAC 50/60 Hz, 4 Amperes maximum |
| Circuit Protection | 5 A circuit breaker provides 120 V protection for the primary side of the power supply and 120 V side-mounted terminal block 4 A circuit breaker provides protection for the 24 V secondary winding |
| Operating Temperature | 32 to 158°F (0 to 70°C) |
| Dimensions | 6.25 in. W x 3.94 in. H x 4.5 in. D (159 mm W x 100 mm H x 114 mm D) |
| Country of Origin | China |
| Weight | 5.15 lb (2.3 kg) |
| Agency Compliance | PAN-PWRSP/PAN-PWRSPG: UL/cUL Listed according to UL 508/CAN CSA22.2 No. 14-M91: CCN NMTR/NMTR7 PAN-PWRSP-U: UL/cUL Listed according to UL 864/CAN ORDC100-13: CCN UUKL/UUKL7 Meets requirements of UL508A for operation at 100% load. |

Product warranty

This product is covered by a limited warranty, details of which can be found at www.johnsoncontrols.com/buildingswarranty.

Patents

Patents: <https://jciapat.com>

Single point of contact

| APAC | Europe | NA/SA |
|---|--|--|
| JOHNSON CONTROLS C/O CONTROLS PRODUCT MANAGEMENT NO. 32 CHANGJIANG RD NEW DISTRICT WUXI JIANGSU PROVINCE 214028 CHINA | JOHNSON CONTROLS WESTENDHOF 3 45143 ESSEN GERMANY | JOHNSON CONTROLS 507 E MICHIGAN ST MILWAUKEE WI 53202 USA |

Contact information

Contact your local branch office:
www.johnsoncontrols.com/locations

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