

## 96 VA Power Supply Catalog Page

### 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.

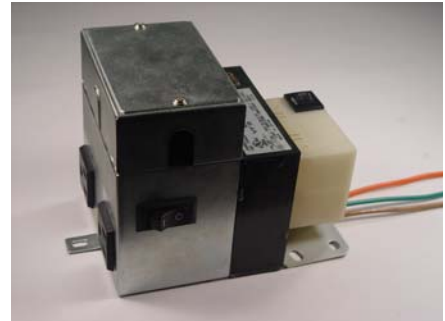
The 4 A circuit breaker is manually resettable and protects the secondary winding. The secondary lead wires are 20 in. long.

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

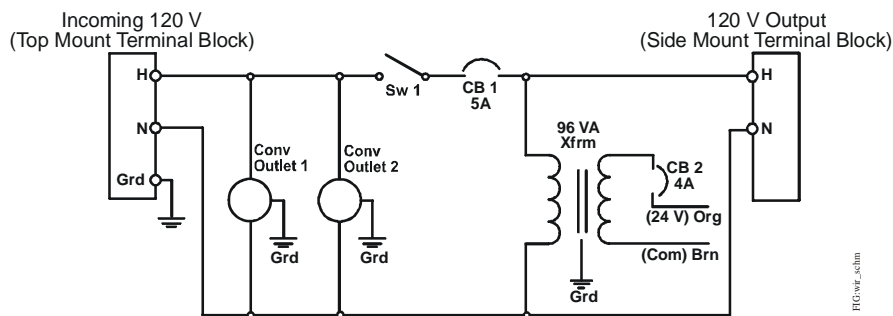
### PAN-PWRSP 96 VA Power Supply Family



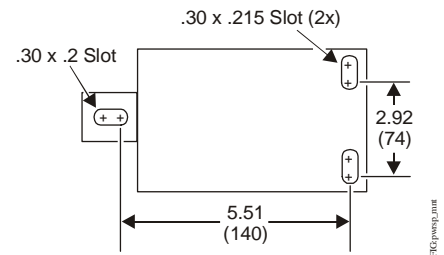
### Repair Information

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.

### Power Supply Internal Wiring Schematic



### Power Supply Mounting Dimensions, in. (mm)



### 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

PAN-PWRSP 96 VA Power Supply Family	
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: cULus Listed according to UL 508/CAN CSA22.2 No. 14-M91: CCN NMTR/NMTR7 PAN-PWRSP-U: cULus Listed according to UL 864/CAN ORDC100-13: CCN UUKL/UUKL7 Meets requirements of UL508A for operation at 100% load.