

230/24 VAC Power Supply Catalog Page

Description

The PAN-PWRSP-I Power Supply family is composed of 96 VA Class 2 power supplies incorporating a 5 A circuit breaker, a 96 VA 230/24 VAC transformer, and two universal convenience outlets.

The two universal convenience outlets provided with each power supply are 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 auxiliary terminal block that allows 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-IU 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

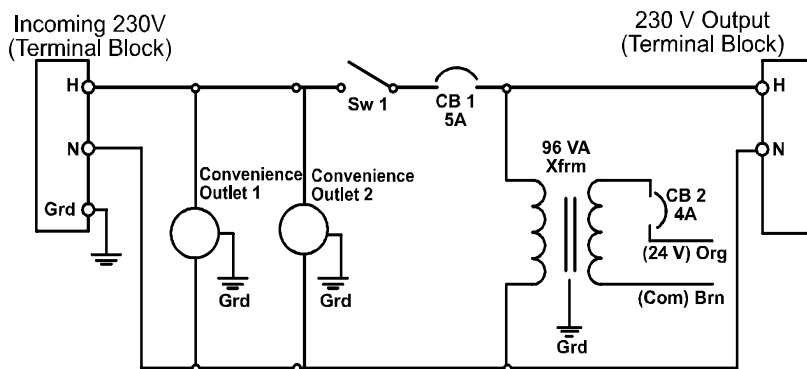
PAN-PWRSP-I 96 VA Power Supply Family



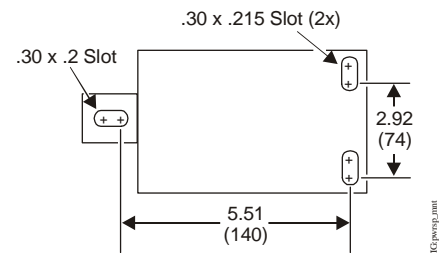
Repair Information

If the PAN-PWRSP-I or PAN-PWRSP-IU power supply fails to operate within its specifications, replace the unit. To remain UL/cUL 864 compliant, only replace the PAN-PWRSP-IU 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-I	96 VA Class 2 230/24 VAC power supply
PAN-PWRSP-IU	96 VA Class 2 230/24 VAC power supply, UL 864 10th Edition UUKL/ORD-C100-13 UUKLC Smoke Control Listed

Technical Specifications

PAN-PWRSP-I 230/24 VAC Power Supply Family	
Frequency	50/60 Hz: PAN-PWRSP-I 60 Hz: PAN-PWRSP-IU
Transformer Class	Class 2
Input Voltage	230 VAC +/- 10% 50/60 Hz (60 Hz only for PAN-PWRSP-IU)
Output Voltage	20-30 VAC 50/60 Hz, 4 Amperes maximum
Circuit Protection	5 A circuit breaker provides 230 V protection for the primary side of the power supply and 230 V auxiliary terminal block 4 A circuit breaker provides protection for the 24 V secondary winding
Operating Temperature	32 to 149°F (0 to 65°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)
Weight	5.15 lb (2.3 kg)
Country of Origin	China
Agency Compliance	PAN-PWRSP-I: cULus Listed according to UL 508/CAN CSA22.2 No. 14-M91: CCN NMTR/NMTR7 PAN-PWRSP-IU: cULus Listed according to UL 864/CAN ORDC100-13: CCN UUKL/UUKL7 Meets requirements of UL508A for operation at 100% load.