Expansion Power Supply Module

The AX-PSU is an Expansion Power Supply Module for use with the Advanced Axis AX Series Intelligent Fire Alarm Control Panels. The Expansion Power Supply Module provides an additional 5 amp of filtered, regulated, 24 VDC power for notification appliance circuits and auxiliary power outputs.

The AX-PSU is a completely self-contained, temperature compensated, switching power supply designed to maximize energy and enclosure space.

Simple to install, the AX-PSU typically mounts in an Axis AX Series enclosure. The unit mounts with screws to dedicated standoffs located on the right-hand side of the enclosure back box, below the base card. AC power is fed from the AC terminal block of the Axis AX Series AX-ACB module to the AX-PSU via a pluggable Molex connector. Expansion Power Supply Module availability and supervision is accomplished through wiring of the AX-PSU to the Axis AX Series AX-CTL base card.
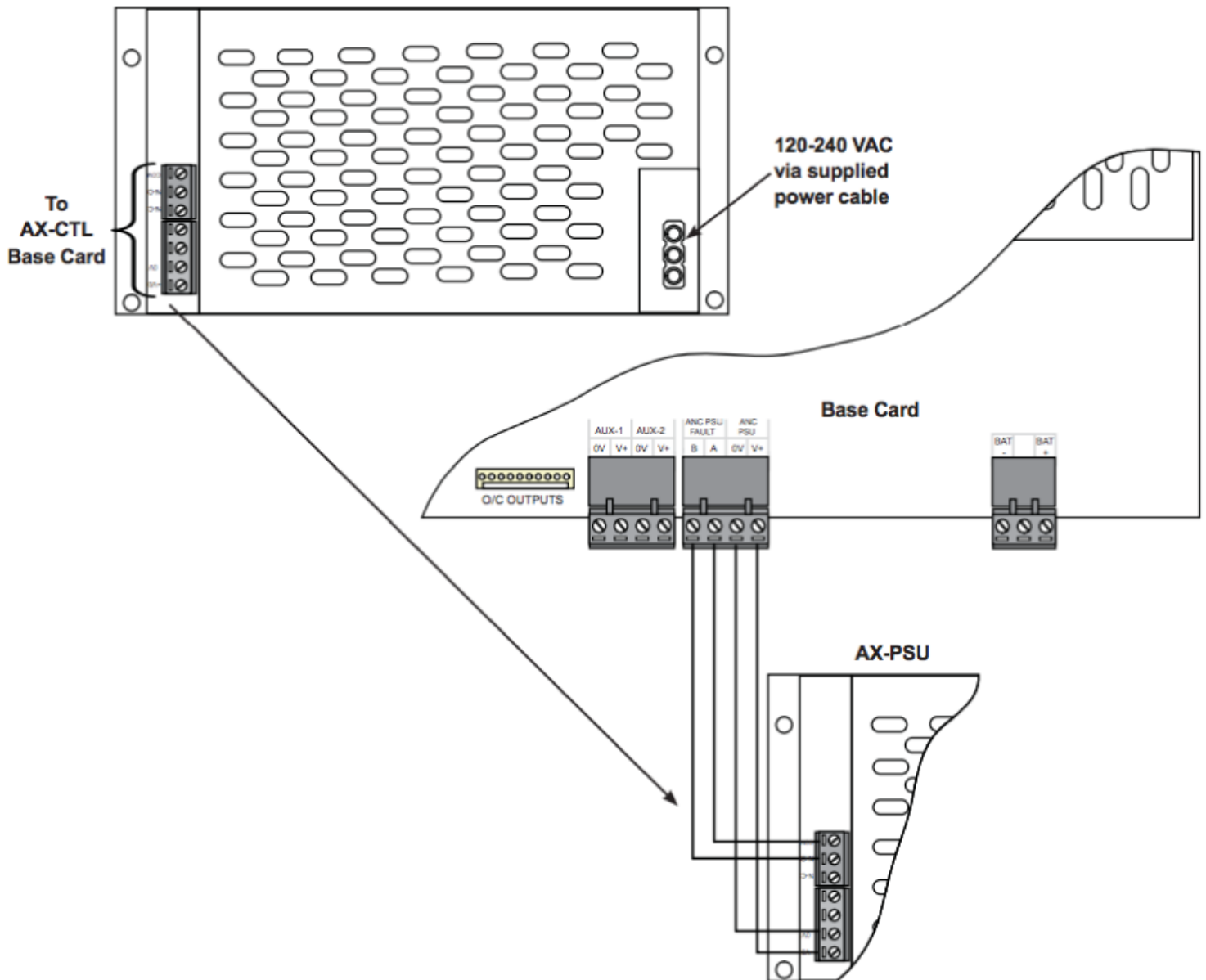

Features

- 120 or 240 VAC Input, 50/60 Hz
- 27.4 VDC @ 5 Amp
- Temperature Compensated Output
- Switching Power Supply Technology
- Filtered & Regulated Power Output
- Emissions & Safety Shield
- ANSI / UL 864 Listed
- 5 Amp @ 24 VDC Filtered, Regulated Supply
- Easy Cabinet Mount
- Energy & Space Saving Design
- Fully Self-Contained

Listings and Approvals

- ETL ANSI/UL 864 Listed: 101564744NYM-001
- CSFM Approved: 7165-1713:0101
- NYCFD COA #6105A2

Wiring Diagram

Specification

AC Input	120 VAC - 240 VAC, 2.7 Amp (Max), 50/60 Hz
DC Output	
Voltage	27.4 VDC
Current	5 Amp
Output Voltage	Filtered, Regulated Temperature Compensated (Tracks AX-CTL Base Card DC Supply)
Environment	Indoor, Dry
Operating Temperature	32 º F-120 º F (0 º C-48 º C)
Humidity	10-95% (Non-condensing)
Dimensions	7.19"W x 3.69"H x .2.31"D
Weight	1 lb 10 oz

Order Codes and Options

AX-PSU	Expansion Power Supply Module
AX-521-175	AX-PSU, AC Cable Replacement

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