



AX Series

EXPANSION POWER SUPPLY MODULE



Unique 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

Description:

Advanced Fire Systems' AX-PSU is an Expansion Power Supply Module for use with the **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 **AX Series** enclosure (standard or deep). 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 **AX Series** FACP 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 **AX Series** Base Card.



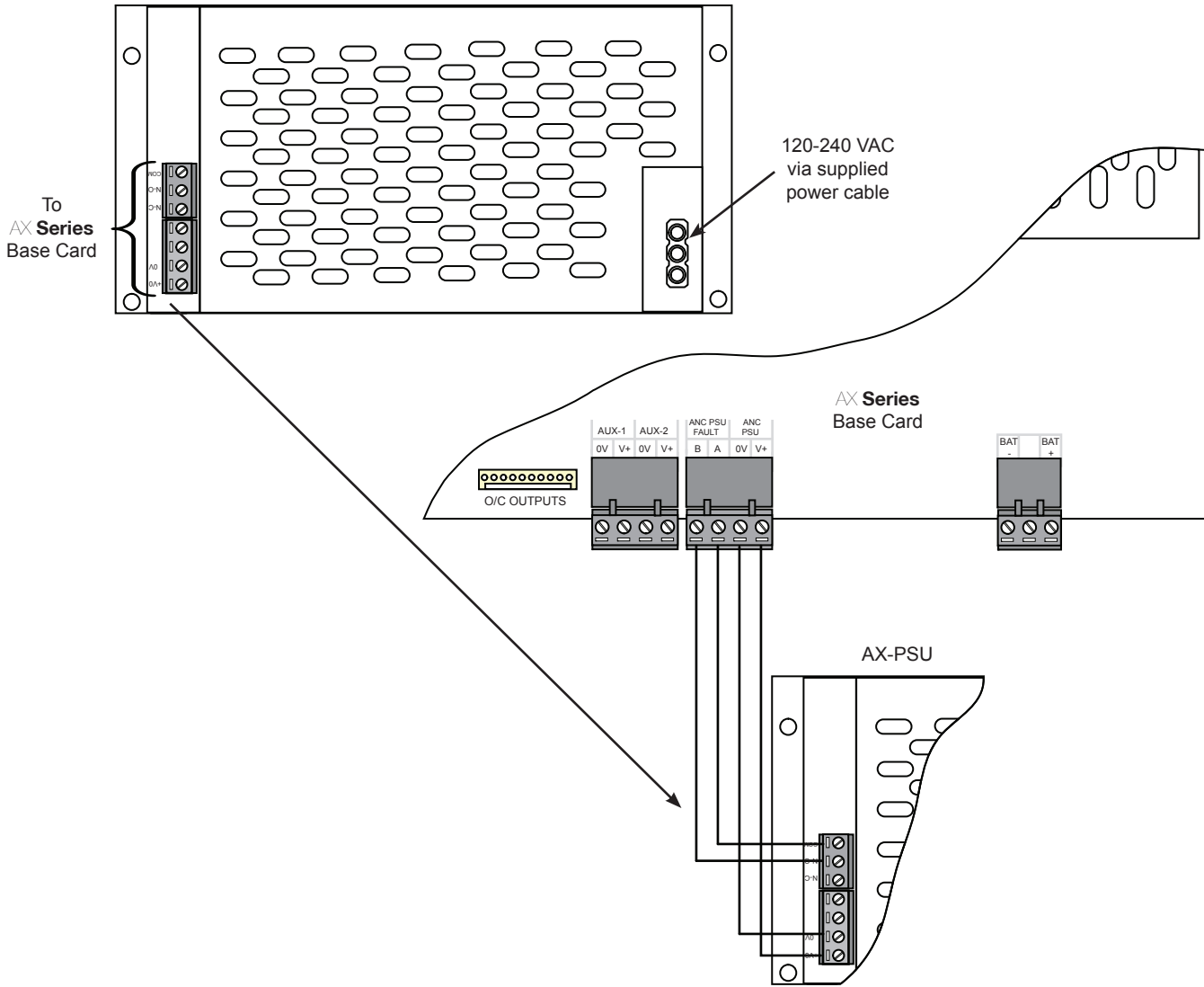
Features:

- ANSI / UL 864 9th Edition Listed
- 5 Amp @ 24 VDC Filtered, Regulated Supply
- Easy Cabinet Mount
- Energy & Space Saving Design
- Fully Self-Contained

Product Data Sheet



AX-PSU (Expansion Power Supply Module) Wiring



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

AX Series Expansion Power Supply Specifications	
AC Input	120 VAC - 240 VAC, 2.7 Amp (max), 50/60 Hz
DC Output Voltage	27.4 VDC
DC Output Current	5 Amp
Output Voltage	Filtered, Regulated Temperature Compensated (to track Base Card DC supply)
Environment	Indoor, Dry
Operating Temperature	32-120° F (0-48° C)
Humidity	10-95% (non-condensing)
Dimensions	7.19"W x 3.69"H x .231"D
Weight	1 lb 10 oz



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