Advanced

Axis AX

# Expansion Power Supply Module

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

Simple to install, the CAX-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 CAX-ACB module to the CAX-PSU via a pluggable Molex connector. Expansion Power Supply Module availability and supervision is accomplished through wiring of the CAX-PSU to the Axis AX Series CAX-CTL base card.



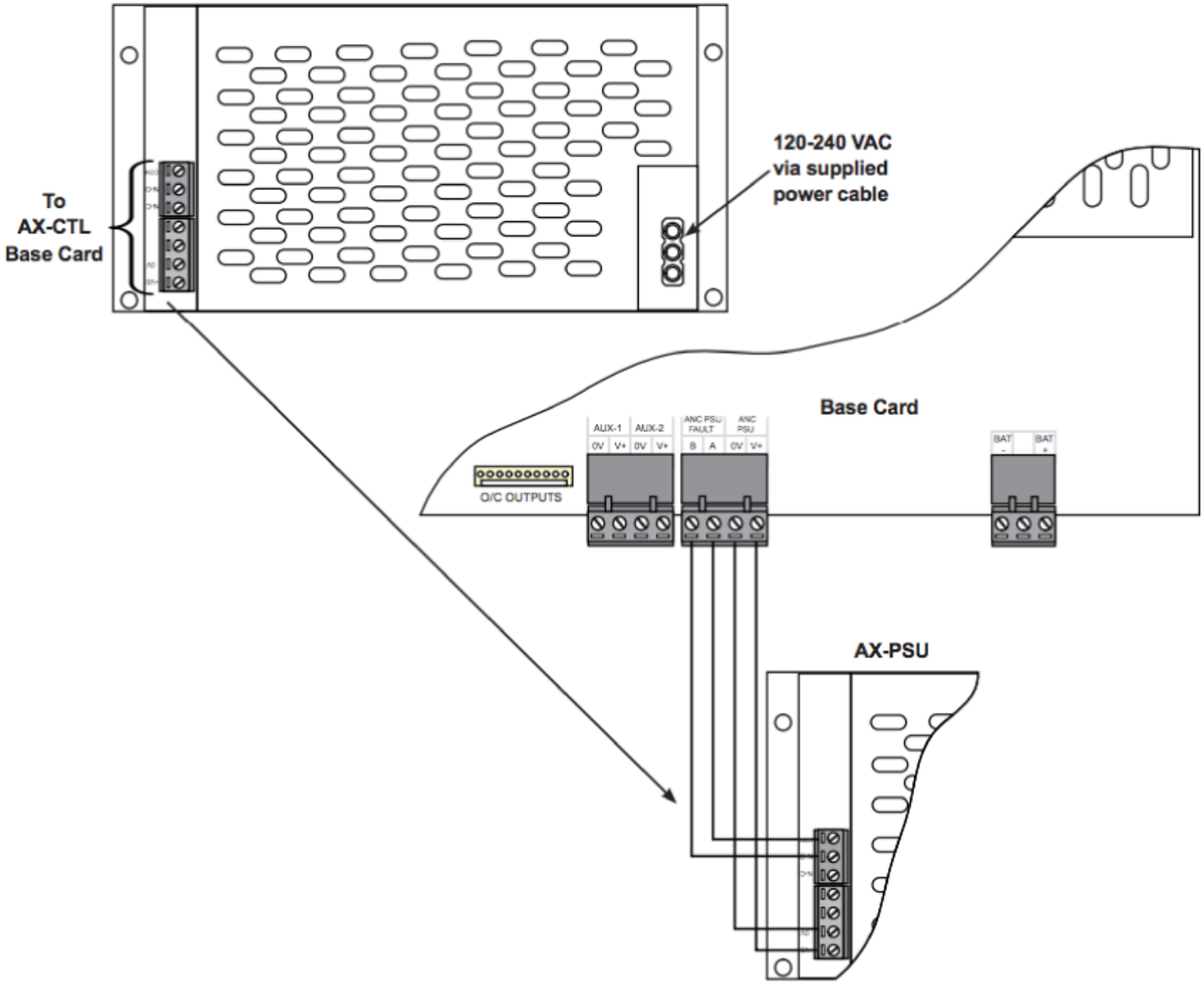
## Features

- 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

- CAN/ULC-S527-11 & CAN/ULC-S559-04 Listed: 100780709NYM-001

## Wiring Diagram




## Specification

| | |
|---|---|
| AC Input | 120 VAC - 240 VAC, 2.7 Amp (Max), 50/60 Hz |
| DC Output<br>Voltage<br>Current | <br>27.4 VDC<br>5 Amp |
| Output Voltage | Filtered, Regulated Temperature Compensated (Tracks AX-CTL Base Card DC Supply) |
| Environment | Indoor, Dry |
| Operating Temperature | 32ºF-120ºF (0ºC-48ºC) |
| 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

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

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