

4204NX Power Supply

4 AMP
Class 2 UL-294
Power limited
12 or 24 VDC

Reliable Access Control Power

12 or 24 VDC Output

The 4204NX Power Supply provides a field selectable 12 or 24 volt DC output. The required output voltage is accurately regulated, even when operating under maximum and varying load conditions.

Dual DC Powered Outputs

One Auxiliary class 2 Power limited output supplies continuous 1 Amp DC power while a second output provides switched DC power through the built-in fire alarm relay.

Built-In Battery Back-Up Charger

The battery terminals provide a constant trickle charge to maintain backup battery life. Switchover to battery power is instantaneous in the event of a loss or interruption of the line current.

Quick Easy Installation

Installation is fast, from mounting the enclosure to the connection of wiring. No need to add additional relays for alarm monitoring or the fire alarm interface.

Visual Indication & Relay Outputs

There are LED status indicators onboard for AC power input and DC power output. Relay outputs are provided for low battery and low power shutdown to prevent deep battery discharge. AC loss relay output triggers upon AC power loss.



System Status LED Indication

Built-in Automatic Battery Charging

Class 2 Power Limited DC output

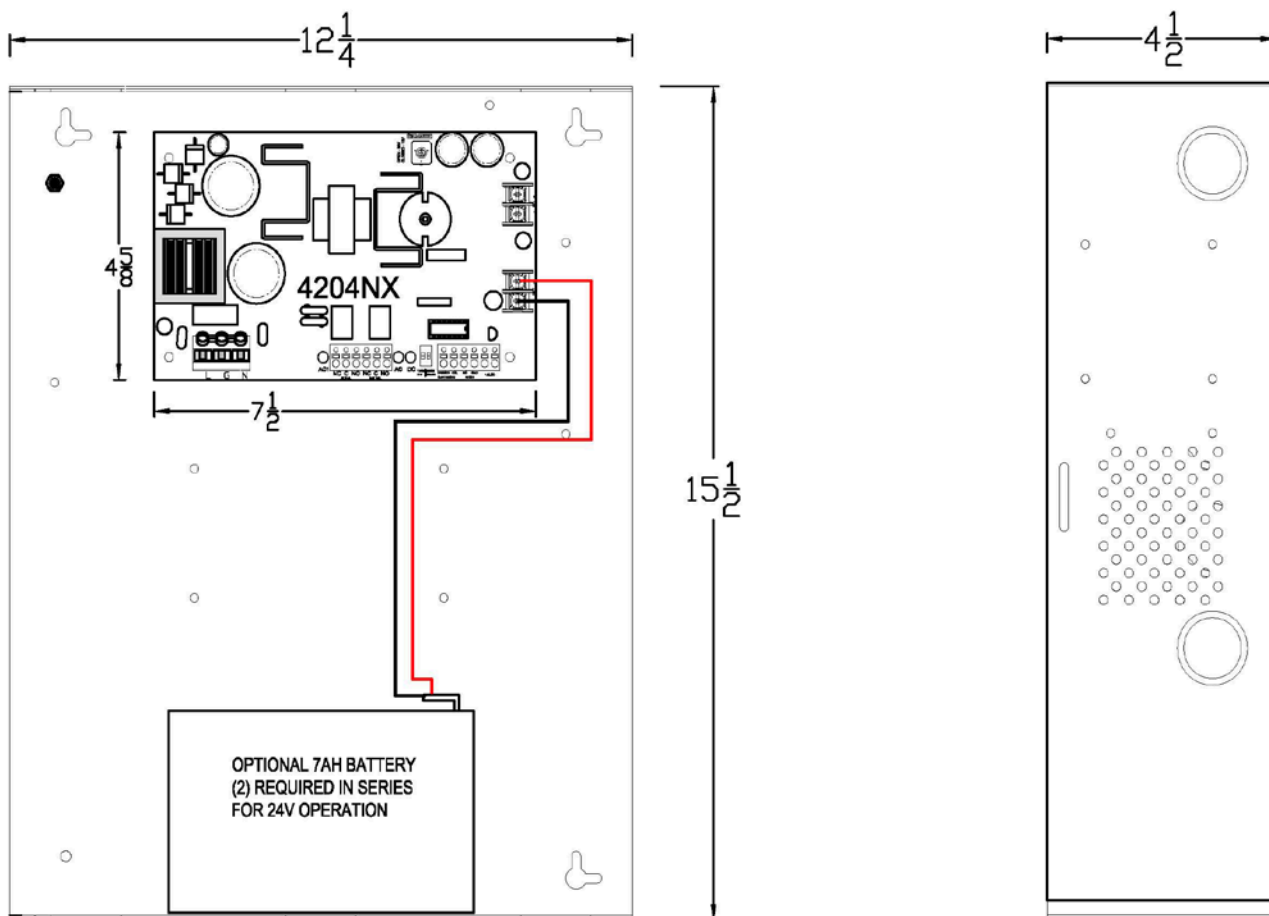
Fire Alarm Relay Switched DC output

California State Fire Marshall Listed

UL-294 Listed for Access Control



Product Specifications



Electrical –

4204NX

4 Amp Class 2 UL 294 supply

AC Input - Fused 120 VAC

DC Output - 4 amp @ 12/24 VDC

selectable via slide switch

Circuit Board – # 4204NXB

7-1/2"W x 4-5/8"H

Enclosure –

12.25"W x 15.5"L x 4.5" Deep NEMA 1 enclosure gray with keyed cam lock

Alarm Relay Outputs –

AC power loss & Battery Power loss
Two form "C" relay outputs contacts
rated 1A @ 30VDC

Fire Alarm Interface –

Set DIP switch to enable or disable

Select Manual or Auto Reset

Normally Open or Closed trigger

Supervised via end of line resistor

Optional Features –

xBAT- 1 ea. 7AH rechargeable battery (for 12VDC operation)

x2BAT- 2 ea. 7AH rechargeable batteries (for 24VDC operation)

xTerm – 10 Position terminal strip

xRM – Relay Module, dual SPDT isolation relays 1-3/4" X 2" Specify 12 or 24 VDC

xFO - Power distribution board with eight fused outputs

Approvals –  File BP9749

California State Fire Marshall
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