

Axis^{AX}

10 Amp 4B/2A NAC Power Extender

The AXPSN104 is an extremely cost-effective voltage regulated remote NAC Power Extender. It may be connected to any 24 Volt Fire Alarm Control Panel (FACP). Primary applications include Notification Appliance Circuit (NAC) expansion (supports ADA requirements) and providing auxiliary power to support system accessories.



Features

- 2-wire horn/strobe sync mode allows audible notification appliances (horns) to be silenced while visual notification appliances (strobes) continue to operate
- Sync protocols include Potter/Amesco, Faraday, Gentex, System Sensor and CooperWheelock
- Temporal Code 3, Steady Mode, Input to Output Follower Mode (maintains synchronization of notification appliances circuit)
- Compatible with 12 VDC or 24 VDC fire panels
- Output loop supervision steered to input 1 or input 2
- Signal circuit trouble memory (helps identify intermittent loop problems)
- Common trouble input and output for external trouble signals tie-in
- Ground fault detection

Listings and Approvals

- UL864

Specification

Input	120 VAC, 60 Hz, 5 A Two (2) Class A, Style Z or two (2) Class B, Style W, X, Y FACP inputs Two (2) NC dry contact trigger inputs
Output voltage	24 VDC
Output current	10 A max total alarm current, 2.5 A max current per output Two (2) outputs may be paralleled for more power on an indicating circuit
Auxiliary	1 A
Other	Thermal and short circuit protection with auto reset Filtered and regulated outputs
Programmable supervised indicating circuit outputs	Four (4) class B, Style W, X, Y or Two (2) Class A, Style Z or One (1) Class A, Style Z and Two (2) Class B, Style W, X, Y
Back-up battery (not included)	Sealed lead acid or gel type. Failover upon AC loss, instantaneous.
Supervision - AC failure	Form "C" contacts
Supervision - battery	Form "C" contacts
Indicators (LED)	AC Power (green) - input voltage is present DC Output (red) - powered Logic board (red and green) - output status
Dimensions (H x W x D)	15.5" x 12" x 4.5" (393.7 mm x 304.8 mm x 114.3 mm) Enclosure accommodates up to two (2) 12 VDC / 12 AH batteries

Product weight	12 lbs (5.44 kg)
Shipping weight	13.3 lbs (6.03 kg)
Operating temperature	0°C to 49 °C (32°F to 120°F)
Storage temperature	-20 °C to 70°C (-4°F to 158°F)
Relative humidity	85% +/- 5%
BTU/HR (approx)	31 BTU/HR

Order Codes and Options

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