

Axis^{AX}

10 Amp 8B/4A NAC Power Extender

The AXPSN108 NAC Power Extender adds greater flexibility and capacity to your system. Eight (8) Class B NACs are individually programmable for auxiliary power or up to four (4) Class A outputs. The AXPSN108 generates CO Temporal Code 4, compatible with Gentex, Potter and System Sensor signals. Selectable EOL resistor values simplify retrofits. Programmable LCD display interface and an ethernet port interface for remote programmability and monitoring add to flexibility and convenience.



Features

- Power outputs are programmable as:
 - 8 Class B NAC outputs
 - 4 Class A NAC outputs
 - Aux. power outputs (with or without battery backup)
 - Any combination of the above
- Local and remote status monitoring (LCD display/ethernet port)
- EOL resistor value is programmable by output
- Temporal Code 3, Steady Mode and Input to Output Follower Mode
- CO Temporal Code 4 (NFPA720) includes Gentex, Potter and System Sensor devices
- Thermal and short circuit protection with auto reset
- Signal circuit trouble memory - quickly locates intermittent system trouble and eliminates unnecessary service calls
- Synchronize up to twelve (12) Networked NSC Power Extender units

Listings and Approvals

- UL864
- UL2017
- CAN/ULC-S527-99
- NFPA 72 and NFPA 720 compliant

Specification

Input - voltage	120 VAC, 60 Hz, 4.8 A
Input - FACP	Two (2) Class A or Two (2) Class B Two (2) configurable inputs trigger via Class A or Class B FACP signal circuits (polarity reversal) or dry contacts
Output voltage	24 VDC
Output current	10 A max total alarm current. 7 A max standby without battery backup. 1A with battery backup including Aux. output (0.45A for Canadian applications).
Auxiliary	One (1) rated at 1 A (regulated, battery backed up) (0.45A for Canadian applications)
Other	Any NAC can be configured as an Aux. output, with or without battery backup.
Programmable supervised indicating circuit options	Eight (8) Class B, Four (4) Class A or any combination of Class A, Class B or Aux power
Back-up battery	Sealed lead acid or gel type.
Supervision - AC failure	Form "C" contacts

Switchover	Upon AC loss, instantaneous. Zero voltage drop.
Low DC power shutdown	Prevents deep discharge (24 VDC / 70-75%)
Indicators (LED)	LCD display indicates trouble and conditions of operation, facilitates quick identification of a fault, displays which output fault has occurred on
Dimensions (L x W x H)	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	12.4 lbs (5.62 kg)
Shipping weight	13.7 lbs (6.21 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)	123 BTU/HR

Order Codes and Options

AXPSN108

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