Overview

Feenics Integrated Access Network Systems combine FlexPower® power modules alongside Mercury Security™ access hardware in one compact and secure solution.

The FPO Power Supply / Battery Charger is selectable for 12 or 24 VDC and provides two power outputs. One output provides continuous output power for system use, the second is resettable output power, activated when the fire alarm disconnect is initiated.

For access or lock power, two D8P modules provide sixteen class 2 power limited outputs rated at 2.5A per output, each individually programmable for constant output or FAI disconnect.
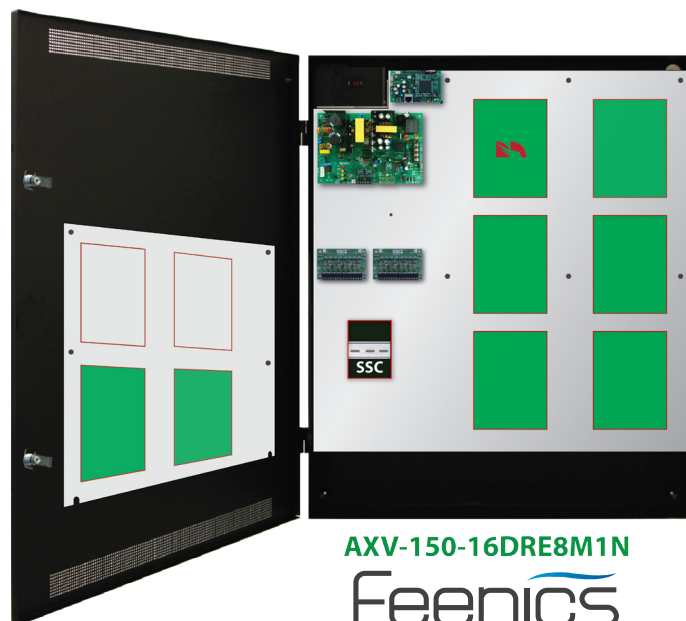
LSP enclosures are painted steel with removable backplate and include lock, two (2) keys, tamper switch and din rail for SSC mounting.

AXV-150-16DRE8M1N

Feenics

System Features

- ◆ **FPO offline power supply**
  - *120 or 230 VAC input*
  - *12 or 24 VDC output*
  - *On board Fire Alarm Interface*
  - *Continuous and resettable DC*
- ◆ **Distributed outputs**
  - *Sixteen auxiliary, class II power limited at 2.5A each*
- ◆ **Remote Monitoring & Control**
  - *Live voltage / current reporting*
  - *Remote battery load testing*
  - *Abnormal operation alert*
  - *System / AC fault reporting*
  - *Email and SNMP trap notification*
- ◆ **Lifetime Warranty**

Enclosure Features

- ◆ **Labor saving design**
  - *Pre-wired power section*
  - *Pre-punched knockouts*
  - *Removeable backplate simplifies installs*
  - *Pre-defined hole pattern for power section*
  - *Access panels mount on threaded standoffs - no drilling required*
- ◆ **Additional benefits**
  - *Wire management room*
  - *4.5" enclosure depth fits battery set*
  - *Tamper switch, lock, dual key set standard*
  - *Mounting hardware for access boards included*

Ordering	Description
AXV-150-16DRE8M1N	150W (12V or 24V) 16 aux outputs Mercury enclosure

Specifications

Input Power	Input 120/230 VAC 50/60 Hz | 170 Watts (1.42A) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	FPO150: 12V/12A or 24V/6A | 150 Watts Outputs: Continuous (DC1) Resettable (DC2) 16 auxiliary outputs, class II power limited at 2.5A each 120 mV output voltage ripple System Efficiency: 87% | System BTU Rating: 66 BTU/Hr
Battery Charging	Independent built-in 2A charger for sealed lead acid or gel type batteries Microprocessor dual rate charging of 12 or 24 V battery sets Charges up to 80Ah battery sets within UL limit Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
Supervision	AC Fail (form "C" contacts) System Fault (form "C" contacts) may be triggered by low/no battery, short to earth ground, power supply failure or blown fuse
Visual Indicators	AC input, DC1 and DC2 output System fault | AC fault | Short to earth ground | Reverse battery polarity Fire Alarm Input activated D8P: DC outputs
Regulatory Compliance (LSP equipment)	UL294, UL603, UL864, UL1076, UL1481, UL2044, UL2572 ULC S318, ULC S319, ULC S527, CSA C22.2 #107.1, CSA C22.2 #60950 FCC Part 15, Subpart B / CSFM Approved
Enclosure Dimensions	Size: 36.00H x 30.00W x 4.50D in. (91.00 x 76.00 x 11.50 cm) | Weight: 75 lbs.
Access Panel Mounting	EP1501, EP1502, EP4502, EP2500, MR50, MR51e, MR52, MR16, LNL-500, 1100, 1200, 1300, 1320, 2000, 2210, 2220, 3300

E8M1 door and backplate mounting pattern for power and access boards

(6) slots 6 x 8

(6) slots 6 x 5

(1) slot 5.5 x 3.6 (bracket)

(1) slot 4.25 x 2.75

ON / OFF

network module

Power Supply 1

Power Supply 2

Control

16 Control and Auxiliary Outputs

Auxiliary

6 x 8

6 x 5

4.25 x 2.75

5.5 x 3.6 bracket

back plate edge

12V@ 7,12 Ah

(battery room beneath back plate)
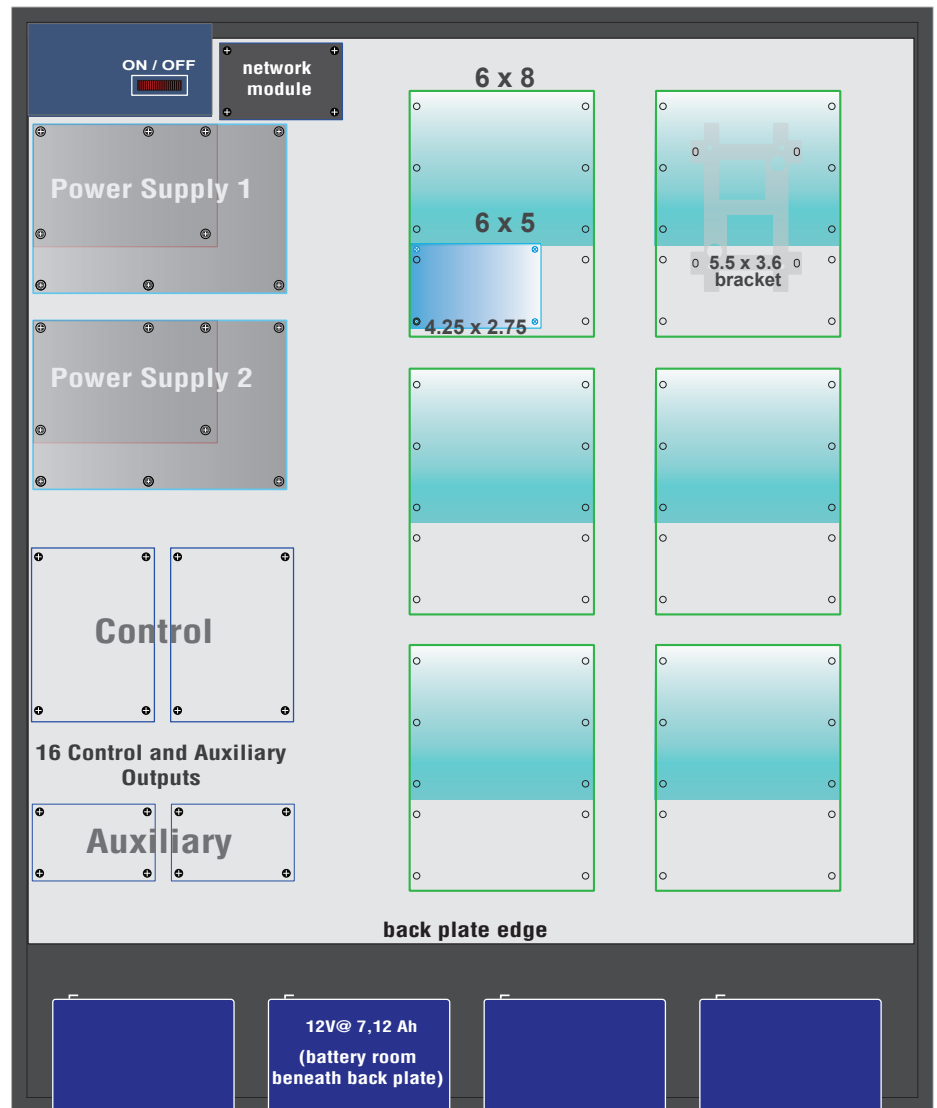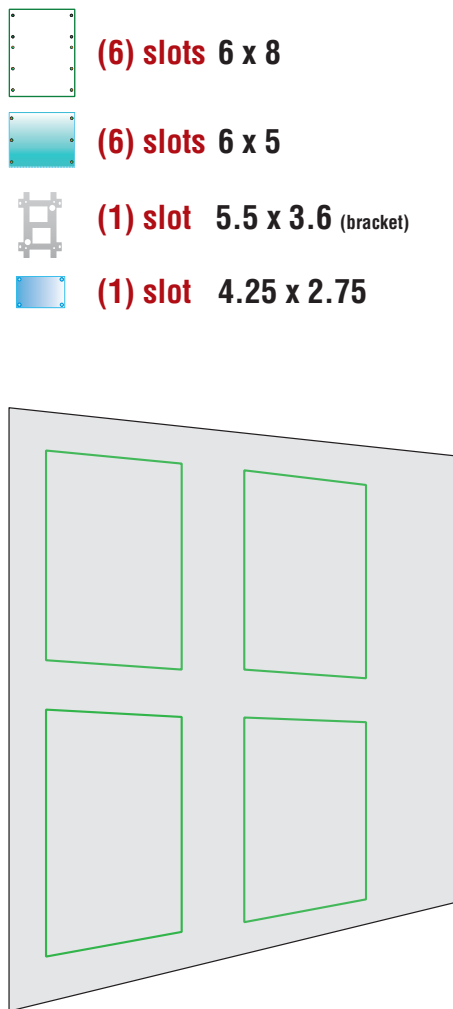
LifeSafetyPower.com

(888) 577-2898
info@lifesafetypower.com

Specifications subject to change without notice.