Overview

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

This unit is a 12V and 24V DC dual voltage network managed access power system.

One M8P managed control module provides eight access control inputs capable of voltage or dry contact activation and eight Class 2 power limited outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the integrated fire alarm interface circuit on the FPO.

LSP enclosures are painted steel with removable backplate and include lock, two (2) keys, tamper switch and din rail for SSC mounting.

System Features

◆ **FPO offline power supply**
  – 120 or 230 VAC input
  – 12 and 24 VDC outputs
  – On board Fire Alarm Interface
  – Continuous and resettable DC

◆ **Distributed output module**
  – Eight managed - power limted at 2.5A each

◆ **Remote Monitoring & Control**
  – Live voltage / current reporting
  – Remote battery load testing
  – Output power cycling and 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

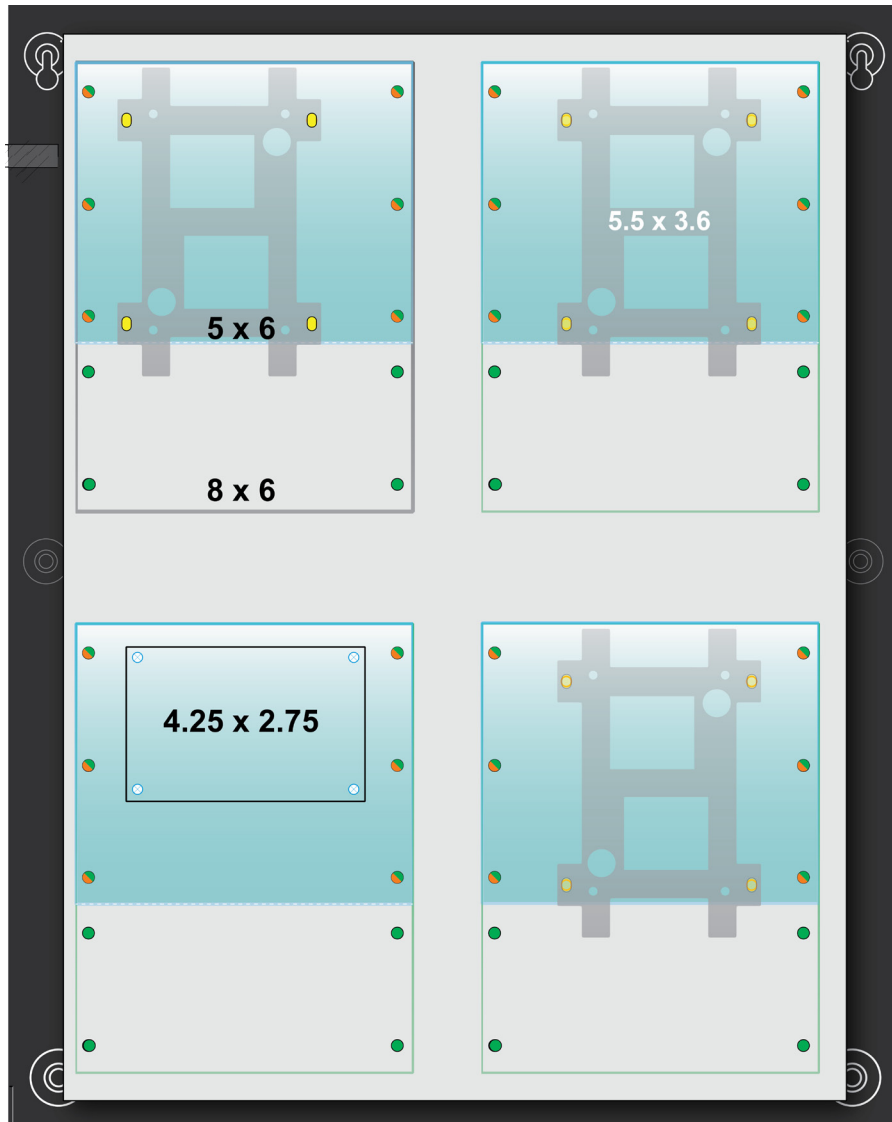### AXV-75D-4DRE2MN

Feenics

| Ordering	Description
AXV-75D-4DRE2MN	75W (12V & 24V) 4 lock outputs, Mercury enclosure

Specifications

Input Power	Input 120/230 VAC 50/60 Hz | 83 Watts (0.70A) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	4A@12V and 2A@24V DC, 75W maximum combined output power Outputs: Continuous (DC1) Resettable (DC2) 8 managed outputs, class II power limited at 2.5A each 120 mV output voltage ripple System Efficiency: 83% | System BTU Rating: 33 BTU/Hr
Battery Charging	Independent built-in 1A charger for sealed lead acid or gel type batteries Microprocessor dual rate charging of 12 or 24 V battery sets Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
Supervision	AC Fail (form "C" contacts) System fail (form "C" contacts) may be triggered by low/no battery, short to earth ground and power supply failure
Visual Indicators	AC input, DC1 and DC2 output System fault AC fault Short to earth ground Reverse battery polarity Fire Alarm Input activated B100: DC input / output and Fault M8P: DC input / output and Fault
Regulatory Compliance Mercury/LSP Joint Listing	UL294, UL603, UL1076, ULC S318, ULC S319 CSA C22.2 #107.1, CSA 22.2 #60950 CSFM / FCC Part 15, Subpart B CE
Enclosure Dimensions	Size: 20.00H x 16.00W x 4.50D in. (50.00 x 40.00 x 11.50 cm) | Weight: 18 lbs
Access Panel Mounting	EP1501, EP1502, EP4502, EP1500, MR50, MR51e, MR52, MR16, LNL-500, 1100, 1200, 1300, 1320, 2000, 2210, 2220, 3300

E2M backplate access mounting pattern

5.5 x 3.6

5 x 6

8 x 6

4.25 x 2.75

MOUNTING PATTERN KEY

(4) slots 6 x 5 board size

(4) slots 6 x 8 board size

(3) slots 5.5 x 3.6 (bracket)

(1) slot 2.75 x 4.25 board size

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Specifications subject to change without notice.

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