LifeSafety Power

FLEXPOWER **AXV-400D-16DRE6M1N**
FEENICS INTEGRATED NETWORK ACCESS POWER
400W Dual Voltage / 16 Doors
16 Lock / 16 Auxiliary Outputs

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 networked access power system.

Two C8 lock control modules provide sixteen access control inputs capable of voltage or dry contact activation, and sixteen outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the integrated fire alarm interface circuit on the FPO. Two D8P modules provide sixteen auxiliary outputs and each output is configurable for 12 or 24VDC operation.
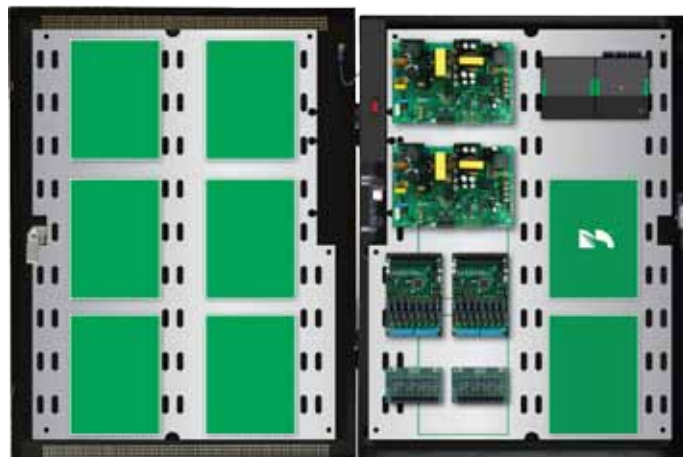
LSP enclosures are painted steel with removable backplate and include lock, two (2) keys, tamper switch and din rail for SSC mounting.

Schneider Electric

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 outputs**
  - – Sixteen auxiliary, class II power limited at 2.5A each
  - – Sixteen controlled, fused at 3A each
- ◆ **Network monitoring and reporting**
  - – 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
  - – *Schneider Electric branded enclosure*

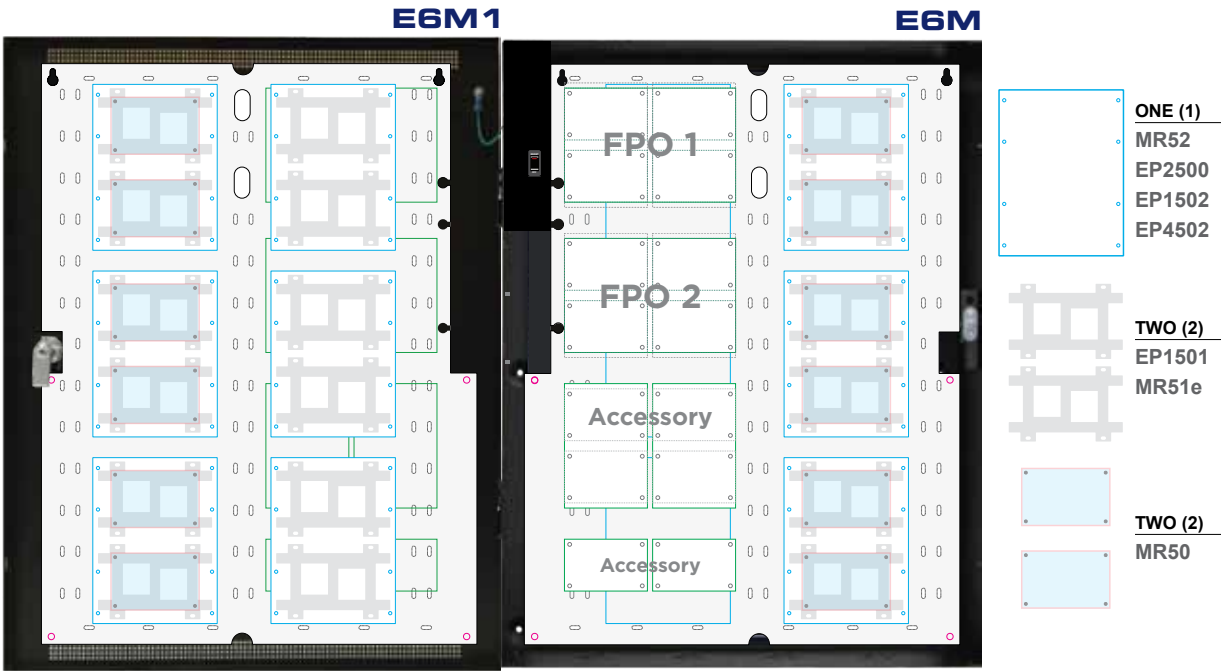| Ordering	Description
AXV-400D-16DRE6M1N	400W (12V & 24V) 16 lock,16 aux outputs, Mercury enclosure

RoHS compliant

Specifications

Input Power	Input 120/230 VAC 50/60 Hz | 452 Watts Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	FPO150: 12V/12A or 24V/6A | 150 Watts FPO250: 12V/20A or 24V/10A | 250 Watts Outputs: Continuous (DC1) Resettable (DC2) 16 control outputs, fused at 3A each 16 auxiliary outputs, class II power limited at 2.5A each 120 mV output voltage ripple System Efficiency: 87% | System BTU Rating: 175 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 C8: DC input / output and Fault D8P: DC outputs
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: 30.00H x 23.00W x 6.50D in. (76.00 x 59.00 x 16.50 cm) | Weight: 55 lbs.
Access Panel Mounting	SSC, MR52, MR16, EP1501, MR51e

Back plate Mercury Slots with Power

Controller	Foot Print	E6M	E6M1	E6M 8 Door Single Voltage	E6M1 16 Door Single Voltage
EP1501	5.5 x 3.6 (bracket)	8	20		
EP1502	6 x 8	4	10		
EP2500	6 x 5	4	6		
MR50	4.25 x 2.75	8	20		
MR51e	5.5 x 3.6 (bracket)	8	20		
MR52	6 x 8	4	10	8 Door Dual Voltage	16 Door Dual Voltage
MR16in	6 x 8	4	10		
MR16out	6 x 8	4	10		
MUX-8	6 x 5	4	10		

Universal Mercury Mounting Pattern

E6M1   **E6M**

FPO 1

FPO 2

Accessory

Accessory

ONE (1)
MR52
EP2500
EP1502
EP4502

TWO (2)
EP1501
MR51e

TWO (2)
MR50

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Specifications subject to change without notice.