LifeSafety Power®

Overview

DMP Unified Power Systems combine FlexPower® power modules alongside DMP 734/734N Wiegand Interface Modules in one compact and secure UL Listed solution.

This unit is a 150W 12V and 24V DC dual voltage access power system.

The C8 lock control module provides eight access control inputs capable of voltage or dry contact activation, and eight fused outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the integrated fire alarm interface circuit on the FPO. One D8 module provides eight fused outputs and each output is configurable for 12 or 24VDC operation.

DMP access enclosures are painted steel with four removable DMP controller back-plates and include lock, two (2) keys and tamper switch.

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 auxiliary - fused at 3A each
  - – Eight lock control - fused at 3A each
- ◆ **Expansion options**
  - – Increased power, multiple voltages
  - – Additional distribution outputs
  - – Network monitoring and reporting
- ◆ **Lifetime Warranty**

Enclosure Features

- ◆ **Labor saving design**
  - – Pre-wired power section
  - – Pre-punched knockouts
  - – Preinstalled brackets hold eight DMP modules
  - – Flexible backplate mounting locations
  - – Access panels mount on threaded studs - 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

FLEXPOWER
UNIFIED POWER SOLUTIONS

Ordering	Description
FPO150-B100C8D8E4-4DM2	150W (12V & 24V) 8 lock / 8 aux outputs, holds 8 Modules

c(UL)us CE RoHS compliant

Specifications
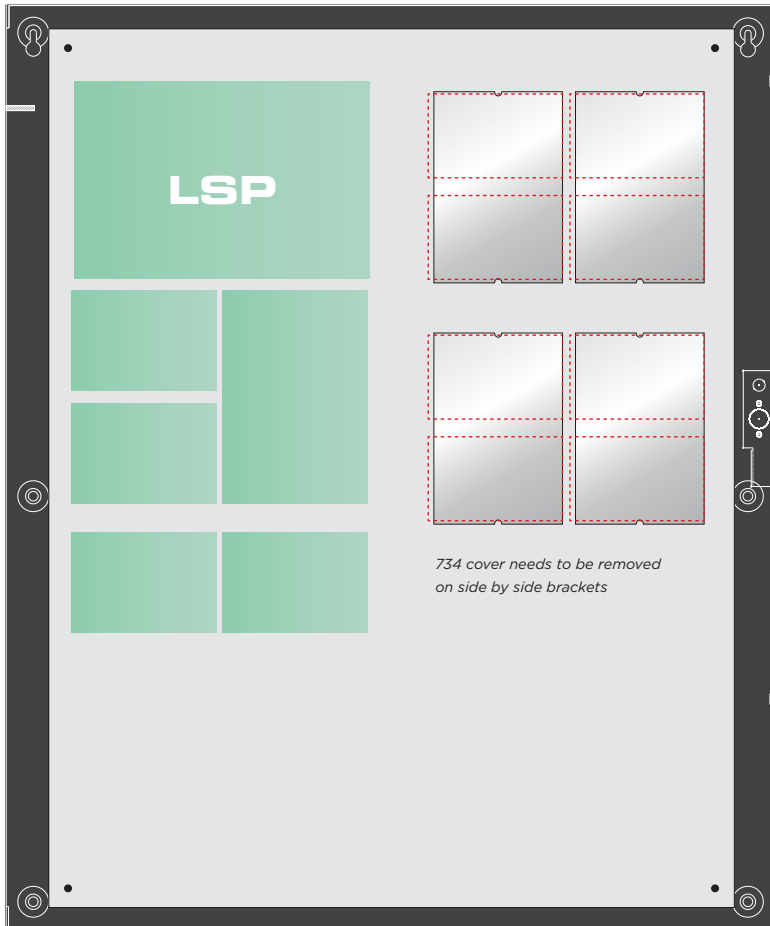
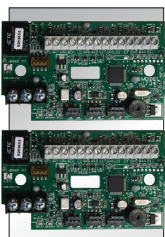|	
Input Power	Input 120/230 VAC 50/60 Hz | 170 Watts (1.41 Amps) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	4A@12V and 4A@24V DC, 150W maximum combined output power Outputs: Continuous (DC1) Resettable (DC2) 8 auxiliary outputs, fused at 3A each 8 control outputs, fused at 3A each 120 mV output voltage ripple System Efficiency: 88% | 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 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 C8: DC output and fault D8: DC output
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: 24.00H x 20.00W x 4.50D in. (61.00 x 50.00 x 11.50 cm) | Weight: 25 lbs.
Access Panel Mounting	Pre-installed brackets mount two (2) DMP modules per bracket

E4 DMP Mounting Guide

DMP	Modules per bracket	Brackets per Enclosure	Total Modules
734/734N	2	4	8

Enclosure Features

- ◆ **Custom DMP Backplate**
  - – *LSP power modules pre-wired along left side*
  - – *Four brackets - mount eight (8) DMP controllers*
- ◆ **Mechanical**
  - – *4.5" cabinet depth*
  - – *Removable door with "fast disconnect" ground strap*
  - – *Multiple knockouts all four sides*
  - – *Network module mounting holes for field upgrade*

734 cover needs to be removed on side by side brackets

Each DMP bracket mounts two 734 controllers

Enclosure Dimensions (H x W x D)
24.00" x 20.00" x 4.50" (61 x 51 x 11.4 cm)