

## LifeSafety Power D8/D8P

8 Output, Power Distribution Module Fused (D8) or Class 2 Power Limited (D8P)

The D8 power distribution module adds 8 auxiliary power outputs to a FlexPower power supply and is typically supplied as part of a system, or purchased as an expansion piece to an existing system.

The D8 provides 8 auxiliary power outputs, each one individually protected by a fuse (D8) or or solid state circuit breaker (D8P).

Each output is programmable to either of the two voltages available when used in a FlexPower dual voltage power system, or to the continuous output or the resettable output of the power supply when used in a single voltage system.

### Agency Listings/Standards

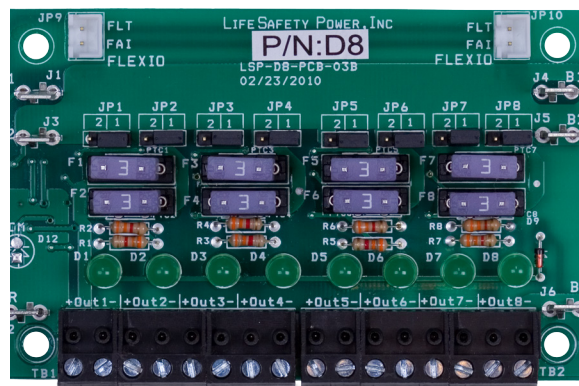
Product listed for use in LifeSafety Power equipment

USA: UL 294, UL 603, UL 864, UL 1076, UL 1481, UL 2044, UL 2572, UL 1076 FCC Part 15, Subpart B CSFM Approved

Canada: ULC S318, ULC S319, ULC S527, CSA C22.2#107.1, CSA 22.2 #60950

### Electrical Ratings

Parameter	Rating
Power Outputs	8
Input Voltage	12 and/or 24 VDC
Output Voltage (Jumper Select)	12/24 VDC
Output Current / D8	Fused at 3A per output
Output Current / D8P	Class II at 2.5A per output
Supports follow on modules	Yes
Fire Alarm Interface	Per Output



## Features

### Flexibility

- FlexConnect Dual Buss Architecture for field selectable Buss 1 or Buss output
- Fire Alarm Interface (FAI) for egress lock control when used with an FPO power supply
- Multiple outputs for auxiliary power distribution or direct lock control and additional accessory power distribution modules
- Configurable fail-safe, fail-secure modes of operation when connected to FPO power supply

### Output protection

- D8 ATM style fuse: 3A/per output
- D8P Solid state circuit breaker: 2.5A/per output

### Visual Indicators

- DC Out (Green LED per output)

### Mechanical

- Multiple modules can be daisy chained to add additional outputs
- Snap-in style mounting standoffs with fast-on connect cables for easy field installation

## Standard Features

One single switch for configuring the output between 12 and 24VDC eliminates field errors and allows for the reduction and simplification of service inventory by eliminating the necessity of stocking units in each voltage.

Power supply and accessory board interconnection system uses common mounting footprints, predrilled mounting holes, snap-in standoffs, pluggable wires, and a dual buss distribution architecture to simplify installation and service.

FPO power supplies are fully fault protected and feature fiberglass printed circuit boards to protect the electronics from water and other corrosive elements found in industrial settings. High efficiency design promotes low heat generation leading to longer service life.

FlexPower systems are RoHs compliant, lead-free, and meet the latest state, federal and European requirements for energy efficiency.

This module is typically part of an existing system or purchased to expand an existing system.

This module may also be used to add lock control features to an existing system that currently does not feature these functions.

This module may be added to any existing FlexPower system without restrictive agency listing issues.

## Ordering Information

MFG Part #	BluBØX Order #	Description
D8	670-1720	LSP DC Power Distributor D8 8 Zone 3A Fused
Mechanical Information		Size: 4" x 2.5" x 1.5" Weight: .25 lb.
D8P	670-1730	LSP DC Power Distributor D8P 8 Zone 2.5A PL
Mechanical Information		Size: 4" x 2.5" x 1.5" Weight: .25 lb.

- Provided with cables and mounting hardware

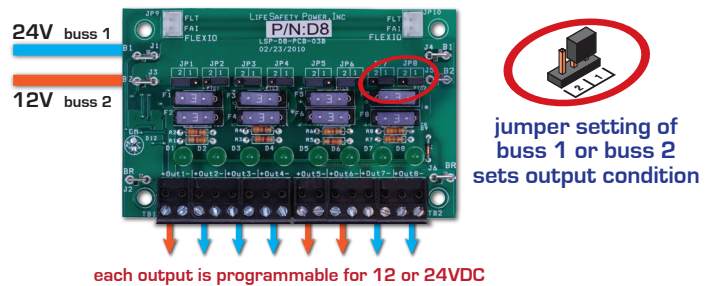
## D8P Module Programming

Each output may be programmed for the following modes:

- Voltage output from power supply one when used in a single or dual voltage system
- Lock power with fire alarm interface (FAI), when used in a single voltage system. The host power supply determines whether the output is fail-safe or fail-secure
- Voltage output from power supply two when used in a dual voltage system

## FlexConnect® Dual Buss Architecture

Each output may be individually programmed via jumper setting



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