

Ordering

Model No.		Mechanical Information
F8	Fused	Size: 4" x 2.5" x 1.5"
F8P	Class 2 Power Limited	Weight: .25 lb.

Provided with cables and mounting hardware

Agency Listings

Product listed for use in
LifeSafety Power equipment

USA	CANADA
UL 294 UL 1481	ULC S318
UL 603 UL 2044	ULC S319
UL 864 UL 2572	ULC S527
UL 1076	CSA C22.2 #107.1
FCC Part 15, Subpart B	CSA 22.2 #60950
CSFM Approved	

Lifetime Warranty

Description

The F8 module adds 8 controlled voltage outputs with supervision to a FlexPower power supply and is typically supplied as part of a system or purchased as an expansion piece to an existing system.

Each module provides 8 protected outputs, each output programmable to enable voltage on activation of the fire alarm interface (FAI), disable voltage on FAI or provide a constant output voltage.

Each output is also programmable to either of the two voltages available when used in a FlexPower dual voltage power system.

The F8 is typically used for controlling door holders or door locks in fail-safe, fail-secure or egress modes.

Specifications

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 and Functions

Flexibility

- ◆ Lifesafety master lock disconnect (FAI)
- ◆ Multiple outputs for direct lock control and additional accessory power distribution modules
- ◆ Configurable fail-safe, fail-secure, and dry contact modes of operation
- ◆ Fault detection and reporting to host power supply
- ◆ FlexConnect® Dual Buss Architecture for field selectable Buss 1 or Buss output

Output protection

- ◆ F8 ATM style fuse: 3A/per output
- ◆ F8P Solid state circuit breaker: 2.5A/per output

Visual Indicators

- ◆ DC voltage Buss 1 and Buss 2 (green LEDs)
- ◆ Fire Alarm Activation (red LED)

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

Lifetime warranty

- ◆ Fiberglass PCB and high efficiency circuit provides less heat generation leading to a longer service life and lower MTBF



FLEXPOWER Standard Features

VSelect® 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.

FlexConnect® 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.

Reliability+® 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.

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

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

Flexibility 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.

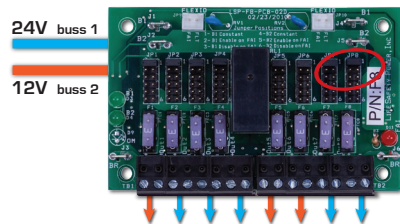
F8 / F8P Module Programming

Each output may be programmed for the following modes:

- Constant voltage output from power supply one
- Constant voltage output from power supply two
- Fail-safe at either voltage
- Fail-secure at either voltage
- Fire alarm interface or over-ride, at either voltage

FlexConnect® Dual Buss Architecture

Each output may be individually programmed via jumper setting



each output is programmable for constant voltage or fire alarm drop at either 12 or 24VDC

LifeSafetyPower.com

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Specifications subject to change without notice.

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