

Ordering

Model No.		Mechanical Information
A8	Fused	Size: 4" x 2.5" x 1.5"
A8P	Class 2 Power Limited	Weight: .25 lb.

Provided with cables and mounting hardware

Agency Listings

Product listed for use in
 LifeSafety Power equipment

USA

UL 294 UL 1481
 UL 603 UL 2044
 UL 864 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

Lifetime Warranty

Description

The A8 power distribution module adds 8 auxiliary power outputs to a power supply and is typically supplied as part of an FPA or FPX system, or purchased as an expansion piece to an existing system.

The A8 distribution module provides 8 auxiliary low voltage AC outputs, typically 24 or 28VAC. Each output is programmable to either of the two AC voltages available within an FPA or FPX system.

Outputs are individually protected by a fuse (A8), or Class II power limited (A8P).

Specifications

Parameter	Rating
Power Outputs	8
Input Voltage	24/28 VAC
Output Voltage (Jumper Select)	24/28 VAC
Output Current / A8	Fused at 3A per output
Output Current / A8P	Class II at 2.5A per output
Supports follow on modules	Yes

Features and Functions

Flexibility

- ◆ FlexConnect® Dual Buss Architecture for field selectable 24 or 28VAC output

Output protection

- ◆ A8 ATM style fuse: 3A/per output
- ◆ A8P Solid state circuit breaker: 2.5A/per output

Visual Indicators

- ◆ AC On (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

Lifetime warranty

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



FLEXPOWER A8 Standard Features

VSelect® One jumper per output to configure the output between 24 and 28VAC eliminates field errors when powering devices in multi-voltage systems.

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 be used to add power distribution to an existing FlexPower FPA AC system. See the instruction manual or application notes for more information.

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

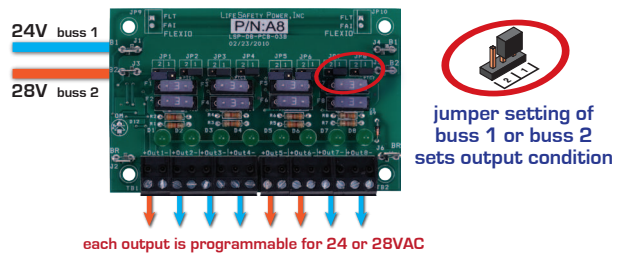
A8 / A8P Module Programming

Eight individually protected power distribution outputs individually programmable for:

- Continuous output voltage
- Voltage output of 24 or 28 VAC when used in an FPA or FPX Flex-Power system

FlexConnect® Dual Buss Architecture

Each output may be individually programmed via jumper setting



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Specifications subject to change without notice.

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