



### ELECTRICAL RATINGS

Parameter	Rating	Unit
Input Voltage	12 and/or 24	VDC
Output Voltage	12 / 24	VDC
Current / Output (Fused)	3	Amps
Current / Output (Class 2 Power Ltd)	2.5	Amps
Power Outputs	8	
Supports follow-on modules	Yes	
Fire Alarm Interface	Per Output	

### DESCRIPTION

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.

Each module provides 8 auxiliary power outputs, each one individually protected by a fuse, or in the case of power limited models, a PTC or solid state circuit breaker.

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.

### BENEFITS

- Member of the **FlexPower** Product Family
  - ◆ **FlexConnect** Dual voltage bus and prewired cables connect the D8 to the power supply or additional accessory modules
  - ◆ **VSelect** Provides installer selectable output voltage, when used in a dual voltage system
  - ◆ **Reliability+** Fiberglass PCB for improved environmental performance, high efficiency operation
  - ◆ **GreenSmart** RoHS compliant
- Listed for Fire, Security, CCTV, Access Control, and Mass Notification
- 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 an FPO power supply
- Fire Alarm Interface (FAI) for egress lock control when used with an FPO power supply
- Plug and play modular design with improved serviceability
- Quality controlled manufacturing process
- Ten year warranty

### 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



**FLEXPOWER® 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** The FlexPower series provides a prewired interconnection system between the power supply and accessory boards of the power system that introduces the concept of a dual voltage bus structure throughout all system modules and eliminates intermodule wiring by the field installer.

Field upgrading or expansion is as simple as using common mounting footprints, predrilled mounting holes, snap-in standoffs, and pluggable wires to add additional system capability or capacity when needed, all without restrictive agency listing issues.

**Reliability+** All boards within the FlexPower system feature fiberglass printed circuit boards rather than paper-based to protect the electronics from water and other corrosive elements found in industrial settings. High efficiency power supply design promotes low heat generation leading to a longer service life.

**GreenSmart** All members of the FlexPower family 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.

**D8, 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

Model No.	Type	Mechanical Information
D8	Fused	Size: 4" x 2.5" x 1.5" Weight: .25 lb.
D8P	Class 2 Power Limited	

*Provided with Cables, Mounting Hardware*

**FLEXPOWER EXPANSION SYSTEM**

Model Number	Order Number	Description
A8	A02-009	8 output AC power distribution module, fuse protected
A8P	A02-010	8 output AC power distribution module, Class 2 power limited
B100	A03-009	DC to DC converter provides +12VDC and adjustable voltage of 5 to 18VDC, Class 2 power limited
C4	A02-005	4 input, 4 output lock controller, fuse protected
C4P	A02-006	4 input, 4 output lock controller, Class 2 power limited
C8	A02-007	8 input, 8 output lock controller, fuse protected
C8P	A02-008	8 input, 8 output lock controller, Class 2 power limited
D8	A02-001	8 output DC power distribution module, fuse protected
D8P	A02-002	8 output DC power distribution module, Class 2 power limited
F8	A02-003	8 output programmable power distribution module, fuse protected
F8P	A02-004	8 output programmable power distribution module, Class 2 power limited
N24	A04-001	2 Class A, B input, 2 Class A, 4 Class B output NAC module
NL1	A11-001	NetLink communication module

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