Power Distribution Modules

Expand the number of system power outputs. Add lock control, or power limiting with individual output protection.

<table>
<thead>
<tr>
<th>Model #</th>
<th>Zone count</th>
<th>Current per zone</th>
<th>Power limited</th>
</tr>
</thead>
<tbody>
<tr>
<td>A8</td>
<td>8</td>
<td>3A</td>
<td>No</td>
</tr>
<tr>
<td>A8P</td>
<td>8</td>
<td>2.5A</td>
<td>Yes</td>
</tr>
<tr>
<td>D8</td>
<td>8</td>
<td>3A</td>
<td>No</td>
</tr>
<tr>
<td>D8P</td>
<td>8</td>
<td>2.5A</td>
<td>Yes</td>
</tr>
<tr>
<td>F8</td>
<td>8</td>
<td>3A</td>
<td>No</td>
</tr>
<tr>
<td>F8P</td>
<td>8</td>
<td>2.5A</td>
<td>Yes</td>
</tr>
</tbody>
</table>

A8 / D8 / F8 Fuse protected
A8P / D8P / F8P PTC circuit breaker protection, Class 2 Power Limited

Overview - 8 Zone Modules

- A8 AC Auxilliary Power Distribution
- D8 DC Auxilliary Power Distribution
- F8 FAI Power Distribution

Features

- Fused or power limited versions
- Per zone programming capability
- A8
  - 24 or 28V AC zone select
- D8
  - 12 or 24V DC in dual V system
• Continuous or switched DC in single voltage system
- F8
  In dual V system, zone select for:
  • Fire alarm override
  • Failsafe or Failsecure lock power
  • 12 or 24V DC continuous

**Flexibility**

- Simple field selectable switch sets output voltage.
- FlexConnect system minimizes installation labor by using board buss structure to eliminate accessory board interwiring

**Expandability**

- Expand number of voltage outputs in increments of eight
- Add FAI functionality on a per zone basis
- Add simultaneous failsafe – failsecure voltage outputs
- Pre-punched cabinet layout allows expansion board additions with minimal labor

A8 power distribution modules provide 8 protected AC outputs for use by a CCTV system. Each output is selectable for up to two AC voltages based on the FPA transformer being used.

D8 power distribution modules provide 8 protected DC outputs for use by a lifesafety system. When used in a single voltage system, each individual voltage output zone may be programmed for a continuous output or to respond to a fire alarm interface for control of egress locks. When used in a dual voltage system, each individual voltage output zone may be programmed for a continuous voltage of either voltage or, to respond to a fire alarm interface for control of egress locks at one of the two system voltages.

F8 power distribution modules expand on the D8 capability by adding failsafe, failsecure, and FAI programming to each of the 8 voltage outputs as well as selection of either voltage in a dual voltage system, providing six programming choices per zone.

Both the D8 and F8 modules may be used for lock control or power distribution in an access control system and for door holder power in a fire system.

**Product highlights**
Power Distribution Modules

- Listed for Fire Alarm, Intrusion, Access Control, CCTV and Mass Notification
- Each zone is fused at 3A or 2.5A for PTC circuit breakers
- PTC versions are low voltage, Class 2 power limited
- Allow selection by zone from two voltage sources
- Accessory board types include:
  - A8 / D8 Simple distribution
  - F8 FAI controlled distribution

**Reliability and Safety**

- 10 year warranty
- Easily obtainable and replaceable automotive style ATM fuses

**Agency Listings**

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

**CANADA**
- ULC S318 / ULC S319 / ULC S527
- CSA C22.2 # 107.1 / CSA 22.2 #60950
- Ontario ESA

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**Product Warranty**

![Certifications Logo]

**Agency Listing**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Datasheet</th>
<th>Install Manual</th>
<th>CAD Files</th>
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<tbody>
<tr>
<td>A8</td>
<td>DS</td>
<td>IM</td>
<td>CAD AG</td>
</tr>
<tr>
<td>A8P</td>
<td>DS</td>
<td>IM</td>
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### Tools & Software

Excel spreadsheets designed by the LifeSafety Power technical department to aid the installer in required calculations and example configurations of LifeSafety Power equipment when used in commonly found system applications.

**Calculators / Software**

- [PowerCom-USB Download](#)
- [Ohms Law Calculator](#)
- [Battery Size Calculator](#)
- [Battery Capacity Calculator](#)
- [Wire Size Calculator](#)
- [Voltage Drop Calculator](#)
- [FlexCalculator Suite](#)

**Application Notes**

- AN05_Fire alarm nac considerations
- AN07_Cost effective dual voltage systems
- AN09_E2 cabinet battery guide
- AN16_A8 programming
- AN17_D8 single voltage
- AN18_D8 dual voltage
- AN20_LSP Monitoring Guide