Smart Distribution Modules

Expand, control, and diagnose system power distribution outputs from network or internet. Receive local or remote reports on current or abnormal conditions via SNMP or email. (requires NL4 network module)

<table>
<thead>
<tr>
<th>Model #</th>
<th>Zone count</th>
<th>Current per zone</th>
<th>Power limited</th>
</tr>
</thead>
<tbody>
<tr>
<td>M8</td>
<td>8</td>
<td>3A</td>
<td>No</td>
</tr>
<tr>
<td>M8P</td>
<td>8</td>
<td>2.5A</td>
<td>Yes</td>
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**Expandability**

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

**Flexibility**

- Simple field selectable jumper configuration sets either 12 or 24V DC output in dual voltage systems
- FlexConnect system minimizes installation labor by using board buss structure to eliminate or simplify accessory board interwiring
The M8 / M8P are smart power distribution modules that provide eight (8) control INPUTS capable of voltage or dry contact activation and eight (8) controlled and monitored OUTPUTS, with each output network programmable for fail-safe, fail-secure, fire alarm over ride, and AC loss over ride for egress lock control. Each output is also programmable to either of two voltages available when used in a dual voltage FlexPower system.

Each output may also be individually turned ON or turned OFF through a browser interface and the voltage and current of each output may be monitored via network or internet, and trigger points may be set up on each output to generate an alert when that output is outside of selected parameters.

**Product highlights**

- Monitoring and reporting power systems for
  - Output condition / System integrity / Battery health
- Remote diagnostics and service features
  - Eight managed outputs with system expansion to twenty four
- Individual output monitoring and reporting of
  - Current draw
  - Voltage level
  - Power draw
  - Device ON/OFF recycling
  - Individual output on / off control
- Remote power cycling control of external equipment
- Email or SNMP notification on
  - Fire Alarm Interface (FAI) activation
  - Abnormal condition - per output basis
- Over voltage or over current
- Loss of voltage or current
- Output power cycled
- SNMP set and trap notification
- Version 1, 2, or 3 sources

**Reliability and Safety**

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

**Agency Listings**

- UL2044, UL294, UL60950-1

[tab] [tab title=”Technical Documents”]

<table>
<thead>
<tr>
<th>Model #</th>
<th>Datasheet</th>
<th>Install Manual</th>
<th>CAD Files</th>
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### Smart power controller modules

<table>
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<tr>
<th>Model</th>
<th>DS</th>
<th>IM</th>
<th>CAD</th>
<th>AG</th>
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### Support

- Troubleshooting Guide
- Factory Contact
- Business Contact
  - FPO Troubleshooting
  - Email Customer Service
  - Accounting Office
  - Accessory Troubleshooting
  - Email Technical Department
  - Area Sales Representatives

### 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
