SSM/SSV Series
Alarm Bells

System Sensor’s SSM and SSV series bells are low current, high decibel notification appliances for use in fire and burglary systems or other signaling applications.

**Features**
- Approved for indoor and outdoor use
- Low current draw
- High dB output
- Available in six-inch, eight-inch, and ten-inch sizes
- AC and DC models
- DC models polarized for use with supervision circuitry
- Mount directly to standard four-inch square electrical box indoors
- SSM and SSV series pre-wired

**Reliable Performance.** The SSM and SSV series provide loud resonant tones. The SSM series operates on 24VDC and are motor driven, while the SSV series operates on 120VAC utilizing a vibrating mechanism.

**Simplified Installation.** For indoor use, the SSM and SSV series mount to a standard four-inch square electrical box. For outdoor applications, weatherproof back box, model number WBB, is used.

The SSM and SSV series come pre-wired, to reduce installation time. The SSM series incorporates a polarized electrical design for use with supervision circuitry.

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**Agency Listings**

- UL Listed
- UL Approved
- FM Approved
- Intertek Listed
- MEA Approved
SSM/SSV Specifications

Architectural/Engineering Specifications
Model shall be a SSM or SSV Series alarm bell. Bells shall have underdome strikers and operating mechanisms. Gongs on said bells shall be no smaller than nominal 6˝/8˝/10˝ (specify size) with an operating voltage of 24VDC or 120VAC (specify by part number). Bells shall be suitable for surface or semi-flush mounting. Outdoor surface mounted installations shall be weatherproof (using optional WBB weatherproof electrical box). Otherwise bells shall mount to a standard 4˝ square electrical box having a maximum projection of 2½˝. Bells shall be located as shown on the drawings or as determined by the Authority Having Jurisdiction. Bells shall be listed for indoor/outdoor use by Underwriters Laboratories and the California State Fire Marshal, and approved by Factory Mutual and MEA.

Physical/Operating Specifications
Operating Temperature Range  
-31°F to 140°F
Operating Voltage  
SSM series: 24VDC  
SSV series: 120VAC
Termination  
Provided with 2 sets of leads for in/out wiring
Service Use  
Fire Alarm, General Signaling, Burglar Alarm
Warranty  
3 years

Electrical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Gong Diameter (inches)</th>
<th>Nominal Voltage</th>
<th>Operating Voltage Limit</th>
<th>Maximum Current</th>
<th>Sound Output (dBA)</th>
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</thead>
<tbody>
<tr>
<td>SSM24-6</td>
<td>6</td>
<td>Regulated 24VDC</td>
<td>16 to 33VDC</td>
<td>DC-31.1mA/FWR-53.5mA</td>
<td>82</td>
</tr>
<tr>
<td>SSM24-8</td>
<td>8</td>
<td>Regulated 24VDC</td>
<td>16 to 33VDC</td>
<td>DC-31.1mA/FWR-53.5mA</td>
<td>80</td>
</tr>
<tr>
<td>SSM24-10</td>
<td>10</td>
<td>Regulated 24VDC</td>
<td>16 to 33VDC</td>
<td>DC-31.1mA/FWR-53.5mA</td>
<td>81</td>
</tr>
<tr>
<td>SSV120-6</td>
<td>6</td>
<td>Regulated 120VAC</td>
<td>96 to 132VAC</td>
<td>53mA</td>
<td>85</td>
</tr>
<tr>
<td>SSV120-8</td>
<td>8</td>
<td>Regulated 120VAC</td>
<td>96 to 132VAC</td>
<td>53mA</td>
<td>82</td>
</tr>
<tr>
<td>SSV120-10</td>
<td>10</td>
<td>Regulated 120VAC</td>
<td>96 to 132VAC</td>
<td>53mA</td>
<td>82</td>
</tr>
</tbody>
</table>

* Sound output measured at Underwriter Laboratories, as specified in UL464

Ordering Information

<table>
<thead>
<tr>
<th>UL/FM Model No.</th>
<th>ULC/Canadian Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSM24-6</td>
<td>SSM24-6A</td>
<td>Bell, 6˝, 24VDC, Polarized, 82dBA</td>
</tr>
<tr>
<td>SSM24-8</td>
<td>SSM24-8A</td>
<td>Bell, 8˝, 24VDC, Polarized, 80dBA</td>
</tr>
<tr>
<td>SSM24-10</td>
<td>SSM24-10A</td>
<td>Bell, 10˝, 24VDC, Polarized, 81dBA</td>
</tr>
<tr>
<td>SSV120-6</td>
<td>SSV120-6A</td>
<td>Bell, 6˝, 120VAC, 85dBA</td>
</tr>
<tr>
<td>SSV120-8</td>
<td>SSV120-8A</td>
<td>Bell, 8˝, 120VAC, 82dBA</td>
</tr>
<tr>
<td>SSV120-10</td>
<td>SSV120-10A</td>
<td>Bell, 10˝, 120VAC, 82dBA</td>
</tr>
<tr>
<td>WBB</td>
<td></td>
<td>Weatherproof back box for SSM and SSV series, when installed outdoors</td>
</tr>
</tbody>
</table>