



SSM/SSV Series Alarm Bells

System Sensor's SSM and SSV series alarm 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 come 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.

Agency Listings



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

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

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

Ordering Information

| UL/FM Model No. | ULC/Canadian Model No. | Description |
|-----------------|------------------------|---|
| SSM24-6 | SSM24-6A | Bell, 6", 24VDC, Polarized, 82dBA |
| SSM24-8 | SSM24-8A | Bell, 8", 24VDC, Polarized, 80dBA |
| SSM24-10 | SSM24-10A | Bell, 10", 24VDC, Polarized, 81dBA |
| SSV120-6 | SSV120-6A | Bell, 6", 120VAC, 85dBA |
| SSV120-8 | SSV120-8A | Bell, 8", 120VAC, 82dBA |
| SSV120-10 | SSV120-10A | Bell, 10", 120VAC, 82dBA |
| WBB | | Weatherproof back box for SSM and SSV series, when installed outdoors |



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