



National Fire Equipment Ltd.

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.



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 of Canada.

Physical/Operating Specifications

Operating Temperature Range	-35°C to 60°C
Operating Voltage	SSM series: 24 VDC SSV series: 120 VAC
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)
SSM24-6A	6	Regulated 24VDC	16 to 33VDC	45mA	92
SSM24-8A	8	Regulated 24VDC	16 to 33VDC	45mA	98
SSM24-10A	10	Regulated 24VDC	16 to 33VDC	45mA	97
SSV120-6A	6	Regulated 120VAC	96 to 132VAC	53mA	93
SSV120-8A	8	Regulated 120VAC	96 to 132VAC	53mA	98
SSV120-10A	10	Regulated 120VAC	96 to 132VAC	53mA	97

* Sound output measured in anechoic room.

Ordering Information

Model No.	Description
SSM24-6A	Bell, 6”, 24VDC, Polarized
SSM24-8A	Bell, 8”, 24VDC, Polarized
SSM24-10A	Bell, 10”, 24VDC, Polarized
SSV120-6A	Bell, 6”, 120VAC
SSV120-8A	Bell, 8”, 120VAC
SSV120-10A	Bell, 10”, 120VAC
WBB	Weatherproof back box for SSM and SSV series, when installed outdoors

