

SSM/SSV Series Alarm Bells



Models Available

UL/FM Models

SSM24-6
SSM24-8
SSM24-10
SSV120-6
SSV120-8
SSV120-10

ULC/Canadian Models

SSM24-6A
SSM24-8A
SSM24-10A
SSV120-6A
SSV120-8A
SSV120-10A

Weatherproof Back Box

WBB

SSV120-6



Product Overview

Approved for indoor and outdoor use

Low current draw

High dB output

Three sizes available 6", 8", 10"

AC and DC models

DC models are polarized for use with supervision circuitry

Mount directly to standard 4" square electrical box

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.

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

Simplified Installation. For indoor use, the SSM and SSV series mount to a standard 4 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 incorporate a polarized electrical design for use with supervision circuitry.

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.



Standard 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

Model	Gong Diameter (inches)	Nominal Voltage	Operating Voltage Range	Maximum Current (at Rated Voltage)	Sound Output (dB)
SSM24-6	6	24VDC	19.2 to 26.4VDC	0.024A	85
SSM24-8	8				85
SSM24-10	10				86
SSV120-6	6	120VAC	96 to 132VAC	0.032A + 10%	83
SSV120-8	8				78
SSV120-10	10				85

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

Ordering Information

UL/FM Model Numbers	ULC/Canadian Models	Description
SSM24-6	SSM24-6A	Bell, 6", 24VDC, Polarized, 85dba
SSM24-8	SSM24-8A	Bell, 8", 24VDC, Polarized, 85dba
SSM24-10	SSM24-10A	Bell, 10", 24VDC, Polarized, 86dba
SSV120-6	SSV120-6A	Bell, 6", 120VAC, 83dba
SSV120-8	SSV120-8A	Bell, 8", 120VAC, 78dba
SSV120-10	SSV120-10A	Bell, 10", 120VAC, 85dba
WBB		Weatherproof Back Box for SSM and SSV series, when installed outdoors

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