

CH Chimes and Chime Strobes

Features

- UL listed. ULC, CSFM, and FM pending.
- ADA/NFPA/UFC/ANSI compliant
- Complies with OSHA 29 Part 1910.165
- Wall mount models are available with Field Selectable Candela Settings of 15/30/75/110cd
- Ceiling mount models are available with field selectable candela settings of 15/30/75/95cd or 115/177cd
- Low current draw with temperature compensation to reduce power consumption and wiring costs
- Strobes produce 1 flash per second over the regulated input voltage range
- Strobes can be synchronized using the Siemens 5406B sync modules, MPC-6000 panel, MPC-7000 panel, or RSE-300 power supply with built-in sync protocol.
- Adjustable Volume and Tone Control
- Single Stroke or Vibrating Operation
- Fast Installation with IN/OUT screw terminals using #12 to #18 AWG wires



Description

The Siemens Series CH Chimes and Chime Strobes minimize alarm system power supply requirements and wiring costs with a low current draw and a patented chime mounting plate for fast, easy installation. Each model has a built-in level adjustment feature and a aesthetic two (2) screw grille cover.

These unique solid-state chime appliances provide field selectable single-stroke or vibrating operation with Anechoic sound levels adjustable up to 83 dB and tone adjustable from 800 to 1200 Hz.

Strobe options for wall mount models include Siemens MC multi-candela strobe with field selectable candela settings of 15/30/75/110cd.

Ceiling mount models are available in Siemens MC multi-candela ceiling strobe with field selectable intensities of 15/30/75/95cd or the high intensity HMC strobe with field selectable 115/177cd.

The strobe portion of all Series CH Chime Strobes may be synchronized using the Siemens 5406B sync modules, MPC-6000 panel, MPC-7000 panel, or RSE-300 power supply with built-in sync protocol. Siemens' synchronized strobes offer an easy way to comply with ADA

recommendations concerning photosensitive epilepsy as well as meeting the requirements of NFPA 72 and UFC.

The Series CH Chime Strobes are UL Listed for indoor, wall or ceiling mount applications under Standard 1971 for Signaling Devices for the Hearing-Impaired and under Standard 464 for Private Mode Audible Signal Appliances. They are available in two attractive package styles for flush mounting to standard electrical boxes or convenient surface mounting. All models include IN/OUT wiring terminations that accept two #12 to #18 AWG wires at each terminal. Inputs are polarized for compatibility with industry standard reverse polarity supervision.

Engineering Specifications

The chime appliances shall be Siemens Series CH Chimes and the chime strobe appliances shall be Siemens Series CH Chime Strobes or approved equals. The chime shall be UL Listed under Standard 464 for Audible Signal Appliances and chimes equipped with strobes shall be listed under UL Standard 1971 for Emergency Devices for the Hearing-Impaired. In addi-

tion, the strobes shall be certified to meet the requirements of FCC Part 15, Class B and shall incorporate low temperature compensation to ensure the lowest possible current consumption.

All chimes shall use solid state components and shall provide field selectable single stroke or vibrating operation with volume control and tone control. All models shall have a peak anechoic sound output of 83 dB at 10 feet and an adjustable frequency range of 800 to 1200 Hz. All inputs shall employ terminals that accept #12 to #18 AWG wire sizes.

The strobe portion of the appliance shall produce a flash rate of one (1) flash per second over the Regulated Input Voltage Range and shall incorporate a Xenon flashtube enclosed in a rugged Lexan® lens. The strobe shall be of low current design. Where Multi-Candela Chime Strobes are specified, the strobe intensity shall have field selectable settings and shall be rated per UL Standard 1971 at: 15/30/75/110cd for wall mount and 15/30/75/95cd or 115/177cd for ceiling mount. The selector switch for selecting the candela shall be tamper resistant and not accessible from the front of the appliance.

Synchronization is possible when using the Siemens 5406B sync modules, MPC-6000 panel, MPC-7000 panel, or RSE-300 power supply with built-in sync protocol. The strobes shall not drift out of synchronization at any time during operation. If the sync module or Power Supply fails to operate, (i.e., contacts remain closed), the

strobe shall revert to a non-synchronized flash rate.

The chime and the chime strobe appliances shall be designed for indoor surface or flush mounting. The chime and chime strobe shall incorporate a chime mounting plate with a grille cover which is secured with two screws for a level, finish and shall mount to standard electrical hardware requiring no additional trimplate or adapter.

All notification appliances shall be listed for "Special Applications".

General Notes:

- Strobes are designed to flash at 1 flash per second minimum over their "Regulated Input Voltage Range". Note that NFPA-72 specifies a flash rate of 1 to 2 flashes per second and ADA Guidelines specify a flash rate of 1 to 3 flashes per second.
- All candela ratings represent minimum effective Strobe intensity based on UL Standard 1971.

Technical Information:

For complete technical information, please consult the relevant installation sheets as well as the Siemens Compatibility Guide.

Ordering Information / Mounting Requirements / Approvals

Model Number	Order Code	Mounting Options**	Agency Approvals			
			UL	UCL	CSFM	FM
CH-MC-R	500-636017	P,Q,R,U,Y	X	#	#	#
CH-MC-W	500-636018	P,Q,R,U,Y	X	#	#	#
CH-MC-CR	500-636021	Q,U	X	#	#	#
CH-MC-CW	500-636022	Q,U	X	#	#	#
CH-HMC-CW	500-636023	Q,U	X	#	#	#
CH-R	500-636019	P,Q,R,U,Y	X	#	#	#
CH-W	500-636020	P,Q,R,U,Y	X	#	#	#
CH-CW	500-636024	Q,U	X	#	#	#

X = listed/approved # = pending * = Refer to Data Sheet #9675 for mounting options.

WARNING: PLEASE READ THESE SPECIFICATIONS AND INSTALLATION INSTRUCTIONS CAREFULLY BEFORE USING, SPECIFYING OR APPLYING THIS PRODUCT. FAILURE TO COMPLY WITH ANY OF THESE INSTRUCTIONS, CAUTIONS AND WARNINGS COULD RESULT IN IMPROPER APPLICATION, INSTALLATION AND/OR OPERATION OF THESE PRODUCTS IN AN EMERGENCY SITUATION, WHICH COULD RESULT IN PROPERTY DAMAGE, AND SERIOUS INJURY OR DEATH TO YOU AND/OR OTHERS.



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