

## Strobes and Strobe Plates

### Features

- UL Listed. ULC, CSFM, and FM pending.
- Meets OSHA 29 Part 1910.165
- Ceiling mount Multi-Candela models are available with field selectable candela settings of 15/30/75/95cd or 115/177cd. (Round or Square)
- Strobes produce 1 flash per second over the regulated voltage range
- Synchronized using the Siemens 5406B sync modules, MPC-6000 panel, MPC-7000 panel, or RSE-300 power supply with built-in sync protocol.
- Fast installation with IN/OUT screw terminals using #12 to #18 AWG wire



ST-MC-RETRO



ST-MC-CW

### Description

The Siemens Series ST Strobe Appliances and Strobe Plates have lower current draw while maintaining outstanding performance, reliability and cost effectiveness. These versatile appliances will satisfy virtually all requirements for indoor, wall or ceiling mount applications.

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

All models 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. Synchronized strobes can eliminate possible restrictions on the number of strobes in the field of view. Siemens' synchronized strobes offer an easy way to comply with ADA recommendations concerning photosensitive epilepsy as well as meeting the requirements of NFPA 72.

The Siemens Series ST Strobes employ an Integral Strobe Mounting Plate that can be mounted to a single gang, double gang, 4" square, 100mm European backboxes or the SHBBS surface backbox.

The Series ST Multi-Candela Strobe Plates are a cost effective way to retrofit required wall strobe appliances to bells, horns, chimes, multitones or speakers and easily mounts to standard 4" backboxes or for surface mount use with the Siemens SBL2S surface backbox.

### Engineering Specifications

The visual notification appliances shall be Siemens Series ST Strobe Appliances or approved equals. The

Series ST shall meet and be listed for UL Standard 1971 (Emergency Devices for the Hearing-Impaired) for Indoor Fire Protection Service. The strobe shall be listed for indoor use and shall meet the requirements of FCC Part 15 Class B. The strobe appliances shall produce a flash rate of one (1) flash per second over the Regulated Voltage Range and shall incorporate a Xenon flashtube enclosed in a rugged Lexan® lens. All inputs shall be compatible with standard reverse polarity supervision of circuit wiring by a Fire Alarm Control Panel (FACP). When Strobe Plates are to be installed, they shall be the Siemens Series ST-MC-RETRO Strobe Plate and shall have the same electronic circuitry as the Siemens Series ST.

The Series ST Strobe shall be of low current design. Where Multi-Candela appliances are specified, the strobe intensity shall have field selectable settings and shall be rated per UL Standard 1971 for 15/30/75/95cd or 115/177cd for ceiling mount. The selector switch for selecting the candela shall be tamper resistant.

When synchronization is required, the appliance shall be compatible with 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 strobes shall be designed for indoor surface of flush mounting.

The Series ST Strobe Appliances shall incorporate a Patented, Integral Strobe Mounting Plate that shall allow

mounting to single-gang, double-gang, 4-inch square, 100mm European type backboxes, or the SHBBS Surface Backbox.

The Series ST Multi-Candela or single candela Strobe Plate shall mount to either a standard 4 inch square backbox for flush mounting, or the Siemens SBL2S backbox for surface mounting.

All notification appliances shall be backward compatible.

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.
- 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 Voltage Range”. Note

## Ordering Information / Mounting Requirements / Approvals

Model	Order Code	Mounting Options***	Agency Approvals				
			UL	MEA	CSFM	FM	BFP
ST-MC-CW	500-636098	B,D,E,F,G,H,J,N,R,X	X	X	X	X	X
ST-HMC-CW	500-636097	B,D,E,F,G,H,J,N,R,X	X	X	X	X	X
ST-MC-RETRO-R	500-636103	D,E,Z	X	X	X	X	X
ST-75-CR-WP	500-636104	T, T+WPS-KIT,GG	X	#	#	#	#
ST-75-CW-WP	500-636105	T, T+WPS-KIT,GG	X	#	#	#	#
ST-75-R-WP	500-636106	T, T+WPS-KIT,GG	X	#	#	#	#
ST-75-W-WP	500-636107	T, T+WPS-KIT,GG	X	#	#	#	#
ST-HMC-CR-WP	500-636177	T, T+WPS-KIT,GG	X	#	#	#	#
ST-HMC-CW-WP	500-636178	T, T+WPS-KIT,GG	X	#	#	#	#
ST-HMC-R-WP	500-636179	T, T+WPS-KIT,GG	X	#	#	#	#
ST-HMC-W-WP	500-636180	T, T+WPS-KIT,GG	X	#	#	#	#

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

WARNING: PLEASE READ THESE SPECIFICATIONS AND ASSOCIATED INSTALLATION INSTRUCTIONS CAREFULLY BEFORE USING, SPECIFYING OR APPLYING THIS PRODUCT. VISIT [HTTP://WWW.SBT.SIEMENS.COM/FIS/](http://www.sbt.siemens.com/fis/) OR CONTACT SIEMENS BUILDING TECHNOLOGIES FOR THE CURRENT INSTALLATION INSTRUCTIONS. FAILURE TO COMPLY WITH ANY OF THESE INSTRUCTIONS, CAUTIONS OR 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



Siemens Building Technologies, Inc.  
 8 Fernwood Road • Florham Park, NJ 07932  
 Tel: (973) 593-2600 • Fax: (973) 593-6670  
 Web: [www.faradayfirealarms.com](http://www.faradayfirealarms.com)