

Horn and Horn Strobe Appliances

Features

- UL listed. ULC, CSFM, and FM pending.
- ADA/NFPA/UFC/ANSI compliant
- Complies with OSHA 29, Part 1910.165
- Field Selectable Candela Settings: 15/30/75/110cd or 135/185cd.
- Selectable Continuous Horn or Temporal (Code 3)
- 3 Selectable dBA settings of 90/95/99 dBA in both tones
- 4-Wire Horn Strobe Appliance allows for separate operation of the horn and strobe circuits
- Wall mount flush to standard 4-inch square or double-gang boxes or surface mount to MT-SUR-BOX backbox
- Synchronization can be accomplished 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 wires



SERIES HS-MC



SERIES HS

Description

The Series HS Horn Strobe and stand alone Horn Appliances are an ideal choice for retrofit applications as well as new installations. They satisfy virtually all requirements for indoor ceiling mount applications.

The Series HS Horn Strobe and stand alone Horn Appliances include a selectable continuous horn tone or temporal pattern (Code 3) with three selectable dBA settings for each tone.

Strobe options include the Siemens Proprietary MC Multi-Candela strobe with field selectable candela settings of 15/30/75/110cd or the high intensity HMC strobe with field selectable settings of 135/185cd.

The Series HS horn and strobe inputs are electrically isolated to allow for independent operation of the strobe circuit and the horn circuit. The horn and strobe may also be wired in parallel to operate on a single circuit.

These versatile Horn and Horn Strobe Appliances 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.

All models are designed for maximum performance, reliability and cost-effectiveness while meeting or exceeding the latest requirements of NFPA 72/ANSI 117.1/UFC and UL Standards 1971 and 464 as well as meeting ADA requirements concerning photosensitive epilepsy.

Engineering Specifications

The audible/visual notification appliance shall be Siemens Series HS Horn Strobe and stand alone Horn Appliances or approved equals. The Series HS Horn Strobe and stand alone Horn Appliances shall meet and be listed for UL Standard 1971 (Emergency Devices for the Hearing-Impaired for Indoor Fire Protection Service) and Standard 464 (Fire Protective Signaling). The horn strobe shall be listed for indoor use and shall meet the requirement of FCC Part 15 Class B. All inputs shall be compatible with standard reverse polarity supervision of circuit wiring by the Fire Alarm Control Panel (FACP).

The Series HS Horn Strobe and stand alone Horn Appliances shall have a minimum of three (3) field selectable setting for dBA levels and shall have a choice of continuous or temporal (Code 3) audible outputs.

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 Series HS 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: 15/30/75/110cd or 135/185cd. The selector switch for selecting the candela setting shall be tamper resistant.

When synchronization is required, the appliance shall be compatible with Siemens' 5406B Sync Modules or Siemens RSE-300 Power Supplies with built-in Siemens Proprietary 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 strobes shall revert to a non-synchronized flash-rate.

All notification appliances shall listed for Special Applications.

- 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.

Mounting Requirements / US Ordering Information / Approvals

Model Number	Order Code	Mounting Options**	Agency Approvals			
			UL	ULC	CSFM	FM
HS-MC-R	500-636070	D,E,F,L,M,P,R	X	#	#	#
HS-MC-W	500-636071	D,E,F,L,M,P,R	X	#	#	#
HS-HMC-R	500-636072	D,E,F,L,M,P,R	X	#	#	#
HS-HMC-W	500-636073	D,E,F,L,M,P,R	X	#	#	#
HS-R	500-636068	D,E,F,L,M,P,R	X	#	#	#
HS-W	500-636069	D,E,F,L,M,P,R	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.



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