

NS/NH NS Horn Strobes and NH Horns

Features

- UL listed. ULC, CSFM, and FM pending.
- ADA/NFPA/UFC/ANSI compliant
- Complies with OSHA 29, Part 1910.165
- Ceiling mount model Field Selectable Candela Setting 15/30/75/95cd and 115/177cd
- Selectable Continuous Horn or Temporal (Code 3)
- 2 Selectable dBA settings of 90 and 95 dBA in both tones
- Strobes can be synchronized using the Siemens 5406B sync modules, MPC-6000 panel, XLS panel, or RSE-300 power supply with built-in sync protocol.
- Fast installation with IN/OUT screw terminals using #12 to #18 AWG wires



NS-MC-CW



NH-CW

Description

The Series NS Horn Strobe Appliances are designed for indoor ceiling mount applications.

The Series NH Horn and the horn portion of the Series NS include a selectable continuous horn tone or temporal pattern (Code 3) with selectable dBA settings of 90 or 95 dBA.

Multi-candela strobes have field selectable settings of 15/30/75/95cd or 115/177cd for ceiling mount.

These versatile Horn Strobe Appliances can be synchronized using the Siemens 5406B sync modules, MPC-6000 panel, XLS panel, or RSE-300 power supply with built-in sync protocol. Additionally, the audible may be silenced while maintaining strobe activation.

All models of the Series NS and NH 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 appliances shall be Siemens Series NS Horn Strobe appliances and Series NH Horn appliances or approved equals. The Series NS appliances shall meet and be listed for UL Standard 1971 (Emergency Devices for the Hearing-Impaired for Indoor Fire Protection Service). The Series NH Horn shall be UL Listed under Standard 464 (Fire Protective Signaling). The horn strobe shall be listed for indoor use and shall meet the requirements 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 audible portion of the appliance shall have a minimum of two (2) field selectable settings for dBA levels (90 and 95 dBA) 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® lense. The Series NS shall be of low current design. Where ceiling mount, Multi-Candela appliances are specified, the strobe intensity shall have field selectable settings and shall be rated per UL Standard 1971 for 15/30/75/95 candela or 115/117 candela. The selector switch for selecting the candela setting shall be tamper resistant.

When synchronization is required, the appliance shall be synchronized using the Siemens 5406B sync modules, MPC-6000 panel, XLS 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 strobes shall revert to a non-synchronized flash-rate. The appliance shall also be designed so that the audible signal may be silenced while maintaining strobe activation.

The Series NS Horn Strobes and NH horn shall incorporate a Universal Mounting Plate that shall allow mounting to a single-gang, double-gang, 4-inch square, 100mm European type backboxes, or the SHBBS Surface Back-

box. If required, an NATP (Notification Appliance Trim-plate) shall be provided.

All notification appliances shall be 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.
- Series NS Strobe products are listed under UL Stan-

ard 1971 for indoor use with a temperature range of 32°F to 120°F (0°C to 49°C) and maximum humidity of 93% (± 2%).

- Series NH horns are listed under UL Standard 464 for audible signal appliances (Indoor use only).

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 | Strobe Candela | Mounting Options * | Agency Approvals | | | |
|--------------|------------|----------------|--------------------|------------------|-----|------|----|
| | | | | UL | ULC | CSFM | FM |
| NS-MC-CR | 500-636087 | 15/30/75/95 | E | X | # | # | # |
| NS-MC-CW | 500-636088 | 15/30/75/95 | E | X | # | # | # |
| NS-HMC-CR | 500-636089 | 115/177 | E | X | # | # | # |
| NS-HMC-CW | 500-636090 | 115/177 | E | X | # | # | # |
| NH-CR | 500-636085 | - | B,D,E,F,G,J,N,R,X | X | # | # | # |
| NH-CW | 500-636086 | - | B,D,E,F,G,J,N,R,X | X | # | # | # |

X = listed/approved # = pending * = Refer to Data Sheet #2585 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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