



NYC Department of Buildings
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Patricia Lancaster, FAIA, Commissioner
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Report of Materials and Equipment Acceptance Division

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 373-07-E Vol. 2

Manufacturer: Cooper / Wheelock Inc.
273 Branchport Avenue, Long Branch, N.J. 07740

Trade Name(s): SIEMENS, Siemens Building Technologies, Inc.,
Fire Safety

Product: Fire alarm equipment

Pertinent Code Section(s): 27-968 through 27-997, RS 17-3 and RS 17-5

Prescribed Test(s): §27-969 (UL 1638, UL 1971 and UL 864, 9th Edition)

Laboratory: Underwriters Laboratories, Inc.

Test Report(s):

1. UL File S2652, Project 06NK25498 issued December 17, 2006, revised March 28, 2007.
2. UL File S2652, Project 06NK25498 issued December 18, 2006 revised February 28, 2007.
3. UL File S2652, Project 06NK25498 issued December 16, 2006.
4. UL File S2652, Project 06NK25498 issued December 19, 2006, revised March 28, 2007.
5. UL File S2652, Project 06NK25498 issued December 20, 2006, revised March 28, 2007.
6. UL File S2652, Project 06NK25498 issued December 21, 2006, revised March 28, 2007.
7. UL File S2652, Project 06NK25498 issued December 22, 2006, revised March 28, 2007.
8. UL File S2652, Project 06NK25498 issued December 23, 2006, revised March 28, 2007.

Description: Speakers and amplifiers for fire protection systems and signal appliances for the hearing-impaired speaker and speaker/strobes. Models are in series SE, SEC, SEF and SET.

The Siemens' models, SE series - Speakers and Speaker/Strobe, feature high-efficiency sound output, with dual voltage (25/70VRMS) capability and field selectable taps from 1/8 to 2 watts. They were designed as 'Special Application' to be used with the Siemens Building Technologies, Inc's. Fire Safety and Faraday control panels.

The strobe portion of all SE series Speaker Strobes may be synchronized when used in conjunction with the Siemens DSC sync modules listed in MEA 169-96-E Vol. 3, the Siemens FS-250 panel, XLS series panels or PAD-3 power supply, the Faraday MPC-6000 and MPC-7000 control panels, and RSE-300 power supply all with built-in sync protocol.

Following are the SE series model tables for reference.

SIEMENS Models	Signal Descriptions	Volume, Section
SE-R	E-speaker, red	Vol. 7, Sec. 1
SE-W	E-speaker, white	Vol. 7, Sec. 1
SE-MC-R	E-speaker, multi-candela, red	Vol. 7, Sec. 1
SE-MC-W	E-speaker, multi-candela, white	Vol. 7, Sec. 1
SE-HMC-R	E-speaker, HI multi-candela, red	Vol. 7, Sec. 1
SE-HMC-W	E-speaker, HI multi-candela, white	Vol. 7, Sec. 1
SEC-R	E-speaker, ceiling, red	Vol. 7, Sec. 2
SEC-W	E-speaker, ceiling, white	Vol. 7, Sec. 2
SEF-R	E-speaker, flush, red	Vol. 7, Sec. 2
SEF-W	E-speaker, flush, white	Vol. 7, Sec. 2
SEF-CR	E-speaker, flush, ceiling, red	Vol. 7, Sec. 2
SEF-CW	E-speaker, flush, ceiling, white	Vol. 7, Sec. 2
SET-R	ET speaker, red	Vol. 7, Sec. 2
SET-W	ET speaker, white	Vol. 7, Sec. 2
SET-CR	ET speaker, ceiling, red	Vol. 7, Sec. 2
SET-CW	ET speaker, ceiling, white	Vol. 7, Sec. 2
SE-MC-CR	E-speaker, multi-candela, ceiling, red	Vol. 7, Sec. 2
SE-MC-CW	E-speaker, multi-candela, ceiling, white	Vol. 7, Sec. 2
SE-HMC-CR	E-speaker, HI multi-candela, ceiling, red	Vol. 7, Sec. 2
SE-HMC-CW	E-speaker, HI multi-candela, ceiling, white	Vol. 7, Sec. 2
SEF-MC-R	E-speaker, flush, multi-candela, red	Vol. 7, Sec. 1
SEF-MC-W	E-speaker, flush, multi-candela, white	Vol. 7, Sec. 1
SEF-MC-CW	E-speaker, flush, multi-candela, ceiling, white	Vol. 7, Sec. 1
SEF-HMC-R	E-speaker, flush, HI multi-candela, red	Vol. 7, Sec. 1
SEF-HMC-W	E-speaker, flush, HI multi-candela, white	Vol. 7, Sec. 1
SEF-HMC-CW	E-speaker, flush, HI multi-candela, ceiling, white	Vol. 7, Sec. 1
SET-MC-R	ET speaker, multi-candela, red	Vol. 7, Sec. 2
SET-MC-W	ET speaker, multi-candela, white	Vol. 7, Sec. 2
SET-MC-VR	ET speaker, multi-candela, vandal-resistant, red	Vol. 7, Sec. 2
SET-MC-VW	ET speaker, multi-candela, vandal-resistant, white	Vol. 7, Sec. 2
SET-MC-CR	ET speaker, multi-candela, ceiling, red	Vol. 7, Sec. 2
SET-MC-CW	ET speaker, ceiling, multi-candela, white	Vol. 7, Sec. 2

SIEMENS Models	Signal Descriptions	Volume, Section
SET-HMC-R	ET speaker, HI multi-candela, red	Vol. 7, Sec. 2
SET-HMC-W	ET speaker, HI multi-candela, white	Vol. 7, Sec. 2
SET-HMC-CR	ET speaker, HI multi-candela, ceiling, red	Vol. 7, Sec. 2
SET-HMC-CW	ET speaker, HI multi-candela, ceiling, white	Vol. 7, Sec. 2
SET-S17-CW-WP	ET spkr.\1575 strobe, white, ceiling, weatherproof	Vol. 7, Sec. 3
SET-S17-R-WP	ET spkr. \ 1575 strobe, red, weatherproof	Vol. 7, Sec. 3
SET-S17-W-WP	ET spkr. \ 1575 strobe, white, weatherproof	Vol. 7, Sec. 3
SET-177-CR-WP	ET spkr. \ 177 cd strobe, ceiling, red, outdoor	Vol. 7, Sec. 3
SET-177-CW-WP	ET spkr. \ 177 cd strobe, ceiling, white, outdoor	Vol. 7, Sec. 3
SET-185-R-WP	ET spkr. \ 185 strobe, wall, red, outdoor	Vol. 7, Sec. 3
SET-185-W-WP	ET spkr. \ 185 strobe, wall, white, outdoor	Vol. 7, Sec. 3
SETSF-VR	ET 1010 low-profile speaker, red	Vol. 7, Sec. 4
SETSF-VW	ET 1010 low-profile speaker, white	Vol. 7, Sec. 4
SETFL-VR	ET 1080 flush speaker, red	Vol. 7, Sec. 4
SETFL-VW	ET 1080 flush speaker, white	Vol. 7, Sec. 4
S-HQ	8" Speaker	Vol. 7, Sec. 6
S-HQ-MC-W	8" Speaker / strobe, multi-candela, white	Vol. 7, Sec. 6
SE-1	Speaker back box for S-HQ, S-HQ-MC-W	Vol. 7, Sec. 6
SPSP-R	SE speaker surface box, red	Vol. 7, Sec. 6
SPSB-W	SE speaker surface box, white	Vol. 7, Sec. 6
SPSSB-R	SE speaker / strobe surface box, red	Vol. 7, Sec. 6
SPPSB-W	SE speaker / strobe surface box, white	Vol. 7, Sec. 6
SPEXT-R	SE, SEC surface box, red	Vol. 7, Sec. 6
SPEXT-W	SE, SEC surface box, white	Vol. 7, Sec. 6
SB-W	Speaker enclosure	Vol. 7, Sec. 7
S-15WR	Horn / speaker (25/70V)	Vol. 7, Sec. 8

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections Letter dated November 26, 2007, F.P. Index #0711009.

Terms and Conditions: The above units are accepted on condition that:

1. All uses, configurations, arrangements and functions, application and installations shall comply with the provisions of New York City Building Code, specifically Reference Standards RS 17-3, 17-5 and RS 4-6. Further, the installation of these appliances shall be in accordance with the manufacturer's recommendation and UL Standards.

2. Visual alarm signals shall have the following minimum photometry features:
 - a. The lamp shall be xenon strobe type.
 - b. The light source shall be clear or nominal white.
 - c. The maximum pulse duration shall be two-tenths of a second (0.2 second) with maximum duty cycle of forty percent (40%).
 - d. The flash rate shall be a minimum of 1 Hz and no more than 2 Hz.
3. These notification appliances shall be used only with listed and approved control panels with which the compatibility has been determined to be acceptable by UL test report.
4. Underwriters Laboratories, Inc.'s listing requirements shall be adhered to.
5. Manufacturer's installation, maintenance procedures, and limitations shall be complied with.
6. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided in Section 27-131 of the New York City Building Code.

Note:

- A. While the intensity of some of the above-referenced strobe lights meets the minimum requirements of the New York City Building Code, it shall not be misconstrued to mean that these visual appliances comply with rules of other agencies having jurisdiction such as ADA. Our recommendation for the approval of the above lights is based primarily on the prescribed provisions of the New York City Building Code and no other rules, regulations or laws.
- B. Some of the above-referenced notification appliances are not painted red as required by Reference Standard RS 17-3.7. In compliance with these Building Code sections, where a particular premise would benefit from the installation of notification appliances that are not painted red, such authorization may be considered for the installation of such devices on a case-by-case basis. This consideration shall be reviewed when the building owner demonstrates a special circumstance and need.

Final Acceptance December 11, 2007.
Examined By Donald [Signature]