



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

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 314-04-E Vol. 2

Manufacturer: Siemens Building Technologies Inc. – Fire Safety, Inc.,
8 Fernwood Road, Florham Park, NJ 07932

Trade Name(s): SIEMENS

Product: Fire alarm equipment

Pertinent Code Section(s): 27-968 through 27-981, RS 17-3 & RS 17-5

Test(s): UL 864 8th Edition, UL 268 and UL 268A

Laboratory: Underwriters Laboratories, Inc.

Test Report(s):

- (1) UL File S2378, Project 05NK29661, issued January 13, 2006, revised July 18, 2006.
- (2) UL File S522, Project 01NK33307, issued April 25, 2002, revised March 29, 2006.
- (3) UL File S1510, Project 03NK27531, issued April 24, 2002, revised December 19, 2005.

Description: Air Duct Housing AD2 Series, DLS FireFinder Enclosures (red color), XLS Rack Mount Panel, and sub-assemblies as Fire Alarm equipment. Model Air Duct Housings AD2 Series are designed to be used with the 11-Series detectors. Designed for installation directly to heating, ventilating and air conditioning duct systems. When equipped with photoelectric detectors, these units will signal the presence of hazardous quantities of products of combustion or smoke being carried through the duct system. The duct detector consist of a thermoplastic housing, listed open area detector, electrical components on an interface boards, and a sampling and exhaust tubes. Sampling tubes used are models ST-10, ST-25, ST-50, or ST-100 depending on duct widths.

Air duct housings can be equipped with optional relays. These relays are utilized to operate any supplementary equipment when smoke or particles combustion is detected.

UL File S2378, Project 05NK29661, issued January 13, 2006, revised July 18, 2006

SIEMENS Model	Description	Faraday Model
AD2-P	Duct Smoke Detector with interface board DA-P	8741
AD2-PR	Duct Smoke Detector with interface board DA-PR	8742
AD2-XHR	Duct Smoke Detector with interface board DA-XHR	8743
ST-10, ST-25, ST-50 or ST-100	Air-sampling tubes	ST-10, ST-25, ST-50 or ST-100
DA-PR	Interface Board for model AD2-PR	8745
DA-XHR	Interface Board for model AD2-XHR	8746

The models listed below are the enclosure accessories for mounting all FireFinder XLS main system and remote transponder card and modules. The model CAB2 is the mid-sized FireFinder XLS enclosure capable of housing up to two CAB-MP cabinet mounting plates. The model CAB2-RB is the red color of model CAB2-BB and CAB2-XRD is the red color of model CAB2-XBD, which are listed in MEA 202-02-E.

Whereas, the model CAB3 is the largest single FireFinder XLS enclosure available, it can house up to three CAB-MP cabinet mounting plates in the enclosure, and three rows of inner door mounting slots. The model CAB3-RB is the red color of model CAB3-BB and CAB3-XRD is the red color of model CAB3-XBD, which are listed in MEA 202-02-E.

The model OD-GP-R is the red color of Outer Door Grill Plate and used to aid in heat dissipation. The model OD-BP-R is the red color of Outer Door Blank Plate and used when there are no PMI or control modules mounted on the adjacent row of the inner door. Basic models also are referenced in MEA 202-02-E.

UL File S522, Project 01NK33307, issued April 25, 2002, revised March 29, 2006

SIEMENS Model	Description
CAB2-RB	Cabinet 2 Backbox – Red color
CAB3-RB	Cabinet 3 Backbox – Red color
CAB2-XRD CAB3-XRD	Transponder Doors – Red color
OD-GP-R	Outer Door Grill Plate – Red color
OD-BP-R	Outer Door Blank Plate – Red color

The model CAB-BATT-R is the red color of model CAB-BATT, listed in MEA 202-02-E, and is used to house BTX-2 (75AH) and BTX-3 (100AH) batteries for the FireFinder XLS System.

The model XLS-RK19 is rack-mount panel, which is constructed of 16 gauge steel supported by 12 gauge pontoon base securely bolted to frame. The model RK series of panel provides standard 19" rack mounting for FireFinder XLS modules.

UL File S1510, Project 03NK27531, issued April 24, 2002, revised December 19, 2005

SIEMENS Model	Description
CAB-BATT-R	Enclosure for Battery Sets – Red color
XLS-RK19	Rack-Mount Panel
BP-RK	Blank Plate
MPF-RK	Front Mounting Plate
MPR-RK	Rear Mounting Plate
PTB-RK	Power Terminal Block Mounting Plate

The model 8710 is cross-listed to model HFPO-11 (Siemens). It is listed in MEA 202-02-E-4 and is an intelligent fire detector, using state-of-the-art microprocessor circuitry. It is also listed for MPC-6000 / MPC-7000 / RND-2 Fire Control System referenced in MEA 315-04-E.

UL File S2378, Vol. 26, Section 1, issued April 9, 2002

SIEMENS Model	Description	Faraday Model
HFPO-11	Intelligent Smoke Detector for FS-250 Control Panel	8710

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 September 28, 2006, F.P. Index #0609025.

Terms and Conditions: The above units are accepted provided that:

1. All uses, configurations, arrangements and functions, applications and installations comply with all applicable provisions of New York City Building Code, specifically Subchapters 13 & 17, and Reference Standards RS 17-3. Further, the installation shall be in accordance with the manufacturer's recommendation, NFPA 72 and UL Standard.
2. The installation of the above duct detectors shall provide for verification of air flow from the duct to the detector.

3. The above products shall be used only with compatible and approved/accepted control panels and accessories.
4. Periodic maintenance and sensitivity tests of all detectors shall be conducted in accordance with the regulations of the Fire Department.
5. Underwriters Laboratories, Inc.'s listing requirements and the manufacturer's maintenance procedures 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 acceptable for use, as provided in Section 27-131 of the Building Code.

Final Acceptance December 4, 2006
Examined By Donald [Signature]