



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 315-04-E

Manufacturer: Faraday LLC, 8 Fernwood Road, Florham Park, N.J. 07932

Trade Name(s): FARADAY

Product: Fire Alarm Equipment

Pertinent Code Section(s): 27-968 through 27-977, RS 17-3, RS 17-5, RS 4-6, 886-89-BCR

Test(s): UL-864 8th Edition

Laboratory: Underwriters Laboratories Inc.

Test Report(s): UL Multiple Listing Correlation Sheets: ML File S522 issued April 14, 2002, revised March 4, 2004; ML File S522 issued March 4, 2004, revised May 13, 2004; ML File S522 issued March 5, 2004, revised May 13, 2004; ML File S1510 issued March 14, 2002, revised March 5, 2004; ML File S6083 issued January 30, 2004; ML File S423 issued November 17, 2003; ML File S6082 issued December 8, 2003; ML File S425, issued January 30, 2004. ML File S6082 issued December 7, 1995, revised November 26, 2003; ML File S6082 issued December 8, 2003; ML File S6082 issued December 8, 2003, revised January 28, 2004; ML File S6081 issued December 8, 2003, revised June 2, 2004. UL File S425, Project 98NK17528, issued February 12, 1999, revised June 16, 2004. UL File S405, Project 98NK17528, issued December 12, 2002, revised April 20, 2004.

Description – Fire Alarm Equipment

Faraday Model	Description	Siemens Model
MPC-6000	Control Panel (Black or Red)	FS-250, -250R
MPC-6000 (MPC6-MB)	6000 Main Terminal Board	FS-MB
MPC-6000 (MPC6-DB)	6000 Display Board	FS-DB
NPE-1	Transformer	FS-NPE
FDLC	Device Loop Card	FS-DLC
MPC-7000	Control Panel (Black or Red)	FS-500, -500R

MPC-7000 (MPC7-MB)	7000 Main Terminal Board	FS5-MB
MPC-7000 (MPC7-DB)	7000 Display Board	FS5-DB
HBC-1	High Battery Charger	FS5-HBC
NEM-1	NAC Expansion Board	FS5-NEM
LEM-1	Loop Expansion Board	FS5-LEM
MPC6-ENC	6000 Enclosure (red)	FS-250-ENCL-R
MPC7-ENC	7000 Enclosure (red)	FS-500-ENCL-R
BE-1	Battery Cabinet	CAB-BATT
SFTK-6R	6000 Enclosure Trim Kit (red)	FS-SFT, FS-SFT-R
SFTK-7R	7000 Enclosure Trim Lit (red)	FS5-SFT, FS5-SFT-R
CT-1K	Municipal Tie Module	FS-MT
DC-1K/MPC-DACT	DACT Board	FS-DACT
RDC-2	Remote Annunciator	FS-RD2-R
SRU-2	Serial Relay Unit	FS-RU2
SRE-8	Serial Relay Extender	FS-RE8
SLU-2	Serial Annunciator Unit	FS-SAU2
SLE-16	Serial Annunciator Extender	FS-SAE16

The MPC-6000 is a modular fire alarm control unit. It features advanced addressable detection, programming, and memory capability. Its base configuration includes a power supply, an X1 addressable device circuit, four/two notification circuits (NAC), serial interface circuit, four-status relays, and a programming port.

Operating controls and indicators are mounted on the inside hinged plate. An 80 character LCD display provides specific indications for addressable devices while the LCDs indicate general panel status.

Semi-flush mounting kits are available for the enclosure.

All normal operation is controlled via a membrane keypad. Displays are provided by an 80-character, alphanumeric, back lit LCD display and by discrete LED indicators for major control unit functions.

The MPC-6000 control unit has one addressable device circuit and has the capacity for 252 addresses.

The MPC-7000 is an expandable modular fire control unit. It features advanced addressable detection, programming, and memory capability. Having similar operating controls, LCD indicators and expanded size affords the MPC-7000 to have two addressable device circuits (expandable to three or four), with each circuit having the capacity for 252 addresses.

The MPC-7000 control unit has four (expandable to twelve) independent Class B (Style Y) notification appliance circuits (NACs). Pairs of NACs can be combined for Class A (Style Z) operation.

Compatible addressable initiating devices have been cross-listed for the Faraday fire control units MPC-6000 and MPC-7000. Following is a list of the Siemens models presently NY-MEA listed and has been cross listed to Faraday models.

Cross-Listed Devices for MPC-6000/MPC-7000 and FS-250/FS-500

Siemens Model	Faraday Model	NY-MEA No.	Description
HMS-S	8700-S	202-02-E Vol. 1	Addr. Manual Station, Single Act.
HMS-D	8700-D	202-02-E Vol. 1	Addr. Manual Station, Dual Act.
HMS-M	8700-M	202-02-E Vol. 1	Addr. Manual Station, Metal
HTRI-M	8701	202-02-E Vol. 1	Addressable Interface Module
HTRI-S	8702	202-02-E Vol. 1	Addressable Interface Switch
HTRI-D	8703	202-02-E Vol. 1	Dual Addr. Interface Module
HTRI-R	8704	202-02-E Vol. 1	Addr. Interface Switch w/Relay
HZM	8705	202-02-E Vol. 1	Remote Conventional Zone Module
HLIM	8709	202-02-E Vol. 1	Loop Isolator Module
HFPT-11	8712	244-02-E Vol. 1	Fixed Temp/Rate Heat Detector
HFP-11	8713	244-02-E Vol. 1	Photo Smoke Detector
ADBH-11	8715	244-02-E Vol. 1	Audible Base
DB-HR	8716	244-02-E Vol. 1	Base with Relay
AD-HR	8717	244-02-E Vol. 1	Air Duct Housing with Relay
ILED-HC	8726C	202-02-E Vol. 3	Zone Status Display (Round)
ILED-HW	8726W	202-02-E Vol. 3	Zone Status Display (Rectangular)
RL-HC	8727C	244-02-E Vol. 1	Remote Lamp (Round)
RL-HW	8727W	244-02-E Vol. 1	Remote Lamp (Rectangular)
DGH-11	FDGH-11	244-02-E Vol. 1	Detector Guard
AD-11P	8840	244-02-E Vol. 1	Air Duct Housing
DB-11	8853	244-02-E Vol. 1	Base

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 February 16, 2005, F.P. Index No. 0407042A and e-mail correspondence dated September 9, 2005.

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

1. When used with a central office communicator or a transmitter, the installation and operation of the equipment and devices shall comply with 3RCNY §17-01. It shall have the capability of transmitting separate and distinct signals to indicate manual pull station alarm, automatic detection alarm, sprinkler waterflow alarm, supervisory signal indications and trouble indications.
2. The connection of security/burglar devices and equipment to these fire alarm panels are prohibited. A sign must be provided to indicate same.

3. Installation of pre-recorded evacuation messages in the fire alarm control panel would require prior approval from the Department
4. The Remote Annunciator Model RDC-2 is acceptable under the condition that all controls of the fire alarm shall be removed from this unit except the "ACKNOWLEDGE" function key.
5. The above reference fire alarm equipment shall be used only with listed and approved accessories with which the compatibility has been determined by the Engineer of Record or a UL test report.
6. All uses, configurations, arrangements and functions, applications and installations shall comply with the provisions of New York City Building Code, specifically Subchapter 17, and Reference Standard 17-3, 17-3A, 17-3B, 17-3C and 17-5. Further, the installation shall be in accordance with the manufacturer's recommendation, NFPA 72 and UL test report.

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 for in Section 27-131 of the Building Code.

Final Acceptance November 22, 2005.
Examined by Donald J. [Signature]