



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 315-04-E Vol. 2

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 thru 27-977, RS 17-3 & 5, RS 4-6, 886-89 BCR

Prescribed Test(s): UL 864 8th edition

Laboratory: Underwriters Laboratories, Inc.

Test Report(s):

1. UL File S425, Projects 01NK31256 and 01NK15343, issued 9/24/2001, revised 7/6/2005
2. UL File S405, Vol. 15, Section 1, issued 12/12/2002, revised 10/28/2005
3. Multiple Listing Correlation Sheet No. S522, issued 3/4/2004, revised 2/13/2006

Description: Fire alarm equipment.

Faraday model MPC-6000 / MPC-7000 / RND-2 Fire Control System and Subassemblies.

UL File S405, Vol. 15, Sec 1; issued 12/12/2002; revised by UL projects 05CA26344, 10/10/2005; 05NB10346, 10/28/2005, M: S522, issued 3/04/2004, revised 2/13/2006.

Faraday Model	Description	Siemens Model
MPC6-MB2	Main Board	FS-MB2
MPC6-DB2	Display Board	FS-DB2
MPC-REL	Releasing Module	FS-REL
RPT-1	Releasing Transformer	FS-RPT

UL File S425 Vol. 11, Sec 3 ; issued 9/24/2001; revised by UL projects 05NK03480, 3/17/2005; 05NK15679; 05NK20836, 8/24/2005,

Faraday Model	Description
RND-2 (MPC-Net2)	Network Enunciators panel
RND-ENC	Enclosure (red)
RND2-DB	Display board
12523	Network Interface Boards (NIBs)
12526	Network Interface Boards (NIBs)
12603	Network Interface Boards (NIBs)

The MPC-6000 is a modular fire alarm control unit listed in NY MEA 315-04-E-Vol.1. 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.

Faraday's MPC-Net2 Control Panel Networking will allow Faraday MPC-6000/MPC-7000 series Intelligent Fire Alarm Control Panels to form a network with the RND-2 annunciator. Each local control panel (node) maintains its own area of protection while monitoring and controlling other network nodes.

The RND-2 is designed to annunciate network events (alarms, trouble, and supervisories) on the MPC-Net2 network. The 80-character display is used to display event data. Communications for this data utilizes network interface boards which link the Fire Control Panels. The network is wired from node to node in a daisy-chained ring configuration for Style 7 operation

In addition to the networking features, the MPC-6000 Fire Control Panel can now include releasing features. When the MPC-REL releasing module is added, it allows the MPC-6000 to be utilized in releasing application (both sprinkler and clean agent).

UL File S405, Vol. 15. Sec. 1; issued 12/12/2002; revised by UL projects 05CA26344, 10/10/2005; 05NB10436, 10/28/2005, ML S522, issued 3/04/2004, revised 2/13/2006.

Faraday Model	Description	Siemens Model
MPC6-MB2	Main Board	FS-MB2
MPC6-DB2	Display Board	FS-DB2
MPC-REL	Releasing Module	FS-REL
RPT-1	Releasing Transformer	FS-RPT

The Siemens FS-series models are functionally the same as the MPC series models but are crossed-listed for branding purposes.

Pursuant to Promulgation of the Rules relating to “Material and Equipment Application and Procedures” dated November 5, 1992, the Bureau of Fire Prevention has no objection letters dated May 22, 2006, FP- Index #: 0605024.

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 the New York City Building Code, specifically Subchapter17, and Reference Standards 17-3, 17-3A, 17-3C, and 17-5. Further, the installation shall be in accordance with the manufacturer’s recommendations, UL standards and test reports.
2. When used with central office communicator or a transmitter (DACT), the installation and operation of the equipment control unit 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 water flow alarm, supervisory signal indications and trouble indications
3. The connection of security/burglar devices and equipment to the fire alarm control unit is prohibited. A sign must be provided to indicate same.
4. Installation of pre-recorded evacuation messages in the fire alarm control unit would require a prior approval from the Department.
5. The above control unit shall not be used for carbon dioxide (CO₂) releasing applications.
6. Network Annunciator model RND-2 and Display Board RND-DB shall be used only for acknowledging the network events (alarm, supervisory, & trouble signals). Ability to reset the control functions of all panels on the network shall be removed from these units and a sign shall be attached to indicate the same. The installation manual shall also state the same.

7. The above referenced fire alarm control units shall be used only with listed, approved or accepted equipments and accessories with which the compatibility has been determined to be acceptable by the Engineer of Record or a UL test report.
8. 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 August 25, 2006.
Examined by Donald [Signature]