



FDNY

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CERTIFICATE OF APPROVAL # 6034 **THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE** **and EXPIRES on JANUARY 11, 2020**

By order of Fire Commissioner Daniel A. Nigro, and pursuant to Section FC 112 of the New York City New Fire Code, the following equipment or system is accepted for use provided the conditions as outlined below are in full compliance.

- Manufacturer:** Bosch Security Systems, Inc.
- Trade Name:** Bosch
- Product:** Fire Alarm Control Panel
- Model Number(s):** FPA-1000-UL Compact Fire Panel
- Pertinent Code Section(s):** Section FC 901 of the New York City Fire Code
- Prescribed Tests:** UL 864 9th Edition, NFPA 72
- Laboratories:** Underwriters Laboratories, Inc.
- Report(s):** UL S1871, Vol.8, Sec.1; Issued 2009-01-23; Revised 2011-08-26
UL S5579 Vol.8, Sec.1; Issued: 2009-01-23
UL S5579 Vol.1, Sec.21; Issued: 2008-12-19
UL S4992; Issued: 1996-04-17; Revised 2009-05-19
UL S5579; Issued: 1997-01-02; Revised 2009-06-24
- Description:** FPa-1000-UL Compact Fire Panel along with associated accessories itemized in Table 1. The FPA-1000-UL control panel provides up to 254 individually identified programmable points, and contains an integral (DACT) communicator designed for reporting to central office via (PSTN) public switched telephone network and/or IP network destinations for viewing only.

Table 1.

Bosch No.	Product Description	Comment
FMR-1000-RA	Remote Annunciator	S5579, Vol. 8, Sec. 1
FMR-1000-RCMD	Remote Command Center	S5579, Vol. 8, Sec. 1
FPE-1000-CITY	City Tie Module	S1871, Vol. 18, Sec. 1

Bosch No.	Product Description	Comment
FPE-1000-SLC	SLC Module	S1871, Vol. 18, Sec. 1
FPM-1000-SFMK	Semi Mount Flush Kit	S1871, Vol. 18, Sec. 1
FPM-1000-ENC	Enclosure	S1871, Vol. 18, Sec. 1
FPA-1000-LC	Electrical components minus enclosure	S1871, Vol. 18, Sec. 1
FPA-1000-LT	Control Panel minus transformer	S1871, Vol. 18, Sec. 1
FLM-325-I4	FRCME-4 Hochiki Fast Response Contact Monitor Module (with 4 in back box) (Multiple List)	S4992
FAA-325-B6S	ASB Hochiki Analog Sounder Base (Multiple List) Note: UL test data available from Hochiki upon request, will only supply directly to AHJ.	S4992
FLM-325-CZM4	CZM Hochiki Conventional Zone Module (Multiple List) Note: UL test data available from Hochiki upon request, will only supply directly to AHJ.	S4992
FLM-325-2I4	DIMM Hochiki Dual Input Monitor Module (Multiple List) Note: UL test data available from Hochiki upon request, will only supply directly to AHJ.	S4992
FLM-325-2R4	R2M Hochiki Dual Relay Module (Multiple List) Note: UL test data available from Hochiki upon request, will only supply directly to AHJ.	S4992
FLM-325-N4	SOM Hochiki Supervised Output Module (Multiple List) Note: UL test data available from Hochiki upon request, will only supply directly to AHJ.	S4992
FLM-325-I	SCI Hochiki Short Circuit Module (Multiple List)	S4992
D7030X	LED Annunciator (8 Red)	MEA-12-92-E V. 14
D7030X-S2	LED Annunciator (2 Yellow)	MEA-12-92-E V. 14
D7030X-S8	LED Annunciator (8 Yellow)	MEA-12-92-E V. 14
D7032	Eight Point LED Annunciator Expander	MEA-12-92-E V. 14
D7031	Remote Key switch	MEA-12-92-E V. 14
D7048/B	Octal Driver Module	MEA-12-92-E V. 14

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Bosch No.	Product Description	Comment
D7035/B	Octal Relay Module	MEA-12-92-E V. 14
FPP-RNAC-8A-4C	Remote NAC Booster	S5579, Vol. 1, Sec. 21

Conditions of Approval:

1. All uses, configurations, arrangements and functions, application and installations shall comply with the provisions of New York City Construction Codes, specifically Building Code Chapter 9 & IRCNY §3616-04. Further, the installation shall be in accordance with applicable provisions of New York City Fire Code, New York City Electrical Code, manufacturer's installation requirements, and UL Standard 864.
2. When used with a central office control communicator or a transmitter, the installation and operation of the equipment and devices shall comply with 3RCNY §901-01. 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.
3. The installation of Fire Alarm Control Unit must provide for fail-safe operation. This feature must assure that control of doors, locks, ventilation fans, and elevator recall will not be rendered inoperable in the event of a fire or power failure.
4. Models with voice system shall have the capability of individual, group, or entire building notification of alarm tone and voice intelligibility.
5. Installation of prerecorded evacuation messages would require a prior approval from the Department.
6. Annunciator is acceptable under the condition that this unit shall be used to acknowledge the alarm and all its control function, including alarm silence and panel reset shall be disabled.
7. FMR-1000-RCMD Remote Command Center shall be used as annunciator only.
8. The above referenced Fire Alarm Control Panel shall be used only with listed fire alarm equipment and devices with which the compatibility has been determined by Underwriters Laboratories reports.
9. All enclosures shall be painted red in color, except when installed as part of Fire Command Center or approved by Fire Department.
10. Underwriters Laboratories Inc.'s Listing requirements and limitations shall be complied with.
11. Certificate of Approval number shall be plainly and permanently stamped or otherwise fixed upon each product by the applicant.

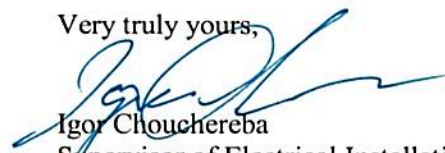
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12. The Fire Department's conditions of approval shall be enumerated in the installation manuals and brochures that will be provided to all New York City buyers and users.
13. Fire Department Certificate of Approval does not constitute an endorsement or recommendation of your product by the Fire Department, but is a certification that your product is acceptable as of the date of issuance.
14. The Fire Department reserves the right to withdraw this approval at any time in the event there is a reasonable doubt that the product does not operate or perform as required by code, the conditions of this resolution or as represented in your application.
15. As the manufacturer of this product, you should be aware that any end user who fails to comply with the condition as outlined in the approval would be subject to enforcement action, which may include fines and imprisonment.
16. This Certificate of Approval does not grant the right to use any trademark associated with the New York City Fire Department (the letters FDNY, the FDNY Shield design, the FDNY Maltese Cross design, and the seal of the City of New York). The unauthorized use of trademarks in connection with the sale of commercial goods or services violates federal and state laws.
17. Products marked to indicate the Certificate of Approval number might refer to the "NYC Fire Department" or "NYC Fire Dept." (e.g., "NYC Fire Dept. Certificate of Approval #XXXX).

Any change in company name or ownership, product name, design or model number of any product included on this certificate must be immediately reported to this Department in writing.

When responding to this Department regarding this subject matter, kindly refer to F.P. Index #0908036D and to Igor Chouchereba attention, 9 MetroTech Center #1S-43-K, phone (718) 999-1997.

Very truly yours,



Igor Chouchereba
Supervisor of Electrical Installation, II
Technology Management

c: Tamara Saakian, P.E., Director of Technology Management.
cc: Trushant Shah, Deputy Director of Engineering, Technology Management.