



FIRE DEPARTMENT

9 METROTECH CENTER

BROOKLYN, N.Y. 11201-3857

CERTIFICATE OF APPROVAL # 6059 THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE and EXPIRES on APRIL 8, 2017

By order of Fire Commissioner Salvatore Cassano, 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

Basic Model Number(s): D9412GV3, D7412GV3

Pertinent Code Section(s): Section FC 901 of the New York City Fire Code

Test(s) Standards(s): UL 864 9th Edition

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL S1871; Issued: 2010-03-26
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: D7412GV3, D9412GV3 Fire Alarm Control Panels along with associated accessories itemized in Table 1. The D7412GV3, D9412GV3 control panels provides up to 256 individually identified programmable points, and contains an integral (DACT) communicator designed for reporting to central office via (PSTN) public switched telephone network.
UL lists the D7412GV3 and D9412GV3 as signal systems control panel for central station, local, auxiliary, remote station, and proprietary.

Table 1.

Bosch No.	Product Description	Prior Approval	UL File
D125B	Powered Loop Interface	582-85-SA (4-22-86)	S1871, Vol 14, S1
D928	Phone Line Switcher	12-92-E Vol. V	S1871, Vol 14, S1

Bosch No.	Product Description	Prior Approval	UL File
D129	Dual Class A Initiating Circuit Module	582-85-SA (4-22-86)	S1871, Vol 14, S1
D130	Relay Module	12-92-E Vol. II	S1871, Vol 14, S1
D192G	Notification Appliance Circuit Module	582-85-SA (4-22-86)	S1871, Vol 14, S1
D8004	Transformer Enclosure	582-85-SA (4-22-86)	S5579, Vol. 1, Sec. 1
D8129	OctoRelay Module	582-85-SA (3-7-89)	S1871, Vol 14, S1
D8130	Door Release Module	582-85-SA (3-7-89)	S1871, Vol 14, S1
D185	Reversing Polarity Module	12-92-E Vol. VII	S1871, Vol 14, S1
DX4020	Network Interface Module	12-92-E Vol. XIII	S5579, Vol. 1 Sec. 19
ITS-DX4020-G	GPRS/GSM IP Communicator		S1871, Vol. 21, Sec. 2
D9127T, D9127U	POPIT Module	582-85-SA (3-7-89)	S1871, Vol 14, S1
D8128D	OctoPOPIT Module	582-85-SA (4-22-86)	S1871, Vol 14, S1
D1255RB, D1256RB, D1257RB	Keypads, Annunciators	12-92-E Vol. IV	S5579, Vol 1, Sec 91-10
D8125	Zone Expander Module	582-85-SA (4-22-86)	S1871, Vol 14, S1
C900V2	Dialer Capture Module	12-92-E Vol. XIII	S5579, Vol. 1 Sec. 19
D8103, D8109, D8108A	Enclosure	582-85-SA(4-22-86)	S1871, Vol. 5, Sec. 1
ICP-SDI-9114	SDI Splitter		S5579, Vol. 1, Sec. 9

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 & Appendix Q Section BC Q106, and New York City Electrical Code. Further, the installation shall be in accordance applicable provisions of New York City Fire Code, manufacturer's recommendations and UL Standard 864.
2. When used with a central office control communicator or a transmitter (DACT), the installation and operation of the equipment and devices shall comply with 3RCNY R901-01. It shall have the capability of transmitting separate and distinct signals to indicate manual pull station alarm, automatic detection alarm,

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sprinkler waterflow alarm, supervisory signal indications, and trouble indications. Using other technology that complies with 8.5.4 NFPA 72, 2002 edition shall be **limited for secondary means of communication.**

3. The installation of Fire Alarm Control Panel 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. 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.
5. The connection of security/burglar devices and equipment to the fire alarm control unit is prohibited. A sign must be provided to indicate the same.
6. The above referenced Fire Alarm Control Panels shall be used only with listed fire alarm equipment and devices, with which the compatibility has been determined by UL listing report
7. When installed, the fiber optic cable shall be limited for communication of the network of Fire Alarm Control Panels located in other buildings (building-to-building communication). They shall not be used for fire alarm communication within protected building (inter-building communication).
8. Underwriters Laboratories, Inc. listing requirements and limitations shall be complied with.
9. Only enclosures painted red in color shall be used
10. Certificate of Approval number shall be plainly and permanently stamped or otherwise fixed upon each product by the applicant.
11. 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.
12. 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.
13. 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.
14. 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.

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.

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When responding to this Department regarding this subject matter, kindly refer to F.P. Index # 1005090C and to Igor Chouchereba attention, 9 MetroTech Center #1S-43-K, phone (718) 999-1997.

Very truly yours,



Shaji K. Joseph
Deputy Director of Engineering
Technology Management

c: Tamara Saakian, P.E., Director of Technology Management.

SJ: IC/1005090C