



FDNY

BUREAU OF FIRE PREVENTION
9 Metro Tech Center, 3rd Floor
Brooklyn, NY, 11201

To: Terry Garland
From: New York City Fire Department
Date: Mar 10, 2023
Record ID: 2023-TMCOAP-001123-RENL



Premises Address: Citywide

BIN

Application Type: Certificate of Approval

Result: Certificate of Approval

Expires on March 10, 2025

By order of Fire Commissioner, 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: Kidde - Fenwal Inc.

Trade Name: Kidde Fire Systems

Product: Fire Alarm Control Panel

Model Number(s): AEGIS 2.0, AEGIS-XLT Fire Alarm Control Panels

Pertinent Code

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

Prescribed Tests: UL 864, NFPA-72-2010, 1 RCNY §3616-04

Laboratories: Underwriters Laboratories, Inc. (UL)

Report(s): UL File S2422, Vol. 14, Sec. 2; issued 2015-10-01; revised:2019-05-07
UL File S2422, Vol. 14, Sec. 3; issued 2015-10-02

Description: The AEGIS 2.0 and AEGIS-XLT are versatile, flexible, microprocessor-based conventional control units which coordinate and monitor the various components of a protected-premises fire suppression and/or fire alarm system. For each protected zone, the systems can provide alarm initiation, occupant notification, event annunciation, extinguishing-system release, waterflow, and sprinkler supervisory.



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The control units can accommodate up to three notification appliance circuits (NAC), 1 NAC output is configurable as either ARC or NAC on the AEGIS-XLT, two agent release circuits (ARC), three programmable relays, one trouble relay, and one auxiliary output. Each detector circuit is suitable for class A or class B and is capable of operating with up to 25 smoke detectors. The manual release circuit is suitable for either class A or class B wiring using any quantity of contact closure type manual release stations subject to the limitations imposed by the wiring resistance.

Each product model/part number and description is shown in Table 1.

Table 1.

Model/Part No. Description

- 84-732001-901 AEGIS 2.0 - Control unit
- 84-732001-902 AEGIS 2.0 - Control unit with manual release and abort switches on the cover
- 84-70101793 AEGIS-XLT - Control unit with NEMA1 Enclosure
- 84-10101510 AEGIS-XLT - Control unit with NEMA4 Enclosure
- 84-10101508 AEGIS-XLT - Control unit with NEMA12 Enclosure
- 84-10101511 AEGIS-XLT - Control unit with NEMA4 Enclosure with PE Relay
- 84-10101506 AEGIS-XLT - Control unit with NEMA12 Enclosure with PE Relay

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 & 1RCNY §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. When used for carbon dioxide (CO₂) releasing application, the following shall be complied with:
 - 4.1. All safety precautions stated in NFPA 12 shall be strictly followed.
 - 4.2. Provide signs at every entrance to protected space as follows:
WARNING: DO NOT ENTER THE PROTECTED PREMISE SPACE UNLESS PHYSICAL LOCKOUT OR OTHER SAFETY PROCEDURES ARE FULLY COMPLETED. DO NOT USE SOFTWARE DISABLE FUNCTIONS IN THE PANEL AS LOCKOUT.
5. 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.
6. The above referenced equipment shall be used only with listed fire alarm equipment and devices, with which the compatibility has been determined by UL Listing Report
7. Only enclosures painted red in color shall be used.
8. Underwriters Laboratories Inc.'s Listing requirements and limitations shall be complied with.
9. Certificate of Approval number shall be plainly and permanently stamped or otherwise fixed upon each product by the applicant.
10. 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.



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11. 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.
12. 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.
13. 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.
14. 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.
15. 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 2023-TMCOAP-001123-RENL).

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 2023-TMCOAP-001123-RENL and to Igor Chouchereba attention, 9 MetroTech Center #1S-65-K, phone (718) 999-1997; e-mail: chouchi@fdny.nyc.gov

Very truly yours,
Igor Chouchereba
Supervisor of Electrical Installation, II
Technology Management

By Order of,
Chief of Fire Prevention