



FDNY

CERTIFICATE OF APPROVAL # 6128 **THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE** **AND EXPIRES ON OCTOBER 11, 2021**

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: Kidde - Fenwal Inc.

Trade Name: FENWAL
KIDDE

Product: Fire Alarm Equipment

Model Number(s): FenwalNET 8000-ML,
ARIES NETLink
Fire Alarm Control Panels

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 File S2422, Vol. 16, Sec. 1; issued 03/11/11; revised 03/11/12

Description: The FENWAL, Model FenwalNET 8000-ML, and the KIDDE, Model ARIES NETLink Fire Alarm Control Panels were approved under COA 6092. New modules were added:
NIC - Expansion Card
DACT - Dialer Module
ICM - Internet Communications Module

The FENWAL, Model FenwalNET 8000-ML, and the KIDDE, Model ARIES NETLink, systems are microprocessor based intelligent control panels, which coordinate and monitor the varied components of a protected-premises fire suppression and/or fire alarm system. For each protected zone, the FenwalNET 8000-ML system and the Model ARIES NETLink system can provide alarm initiation, occupant notification, event annunciation, support-systems activation/de-activation, extinguishing-system release, and connection to Central Station.

The systems can accommodate two fully addressable signaling line circuits, two notification appliance circuits, two releasing/notification appliance circuits, three programmable Form-C relays, and one Form-C trouble relay. Each of the circuits is expandable through the expansion card cage available on each unit. All signaling line circuits are suitable for class A, class B. The addressable contact input devices may be used to monitor normally open and normally closed contacts. The addressable contact output devices are designed to interface with devices, which are controlled by the fire alarm system. Each product model/part number and description is show in Table 1.

Table 1

Fenwal Model/Part No.	Aries Model/Part No.	Description	Added equipment
06-220270-001	06-220270-001	MCB* (Main Control Board)/ UI* (User Interface) * when combined	
74-800020-001	76-800020-001	MCB** (Main Control Board) ** if separated	
74-800020-002	76-800020-002	UI** (User Interface) ** if separated	
74-800030-003	76-800030-003	Power Supply/Charger	
74-800030-004	76-800030-004	PMU (Power Management Unit)	
74-800010-001	76-800010-001	Expansion Backplane Module	
74-800011-001	76-800011-001	SLC (Signaling Line Circuit) module	
74-800012-001	76-800012-001	Relay Module	
74-800013-001	76-800013-001	NAC (Notification Appliance Circuit)/RNAC (Release Module)	
74-800016-001	76-800016-001	City-Tie Module	
74-800020-003	76-800020-003	LAM (LED Annunciator Module)	
74-800000-004	76-800000-004	Inline Releasing Device	
74-800400-001	76-800400-001	Retrofit Enclosure kit	
74-800100-003	76-800100-003	3-Tiered Expansion Enclosure	
74-800200-003	76-800200-003	2-Tiered Expansion Enclosure	

Expires on October 11, 2021
 COA #6128 for Kidde-Fenwal, Inc.
 F.P. Index#: 1207018E
 FPIMS#: 38304085
 October 2, 2018
 Page 3 of 5

Fenwal Model/Part No.	Aries Model/Part No.	Description	Added equipment
74-800101-002	76-800101-002	3-Tiered Canadian Application Enclosure with LAM	
74-800201-002	76-800201-002	2-Tiered Canadian Application Enclosure with LAM	
74-800101-001	76-800101-001	3-Tiered Canadian Application Enclosure without LAM	
74-800201-001	76-800201-001	2-Tiered Canadian Application Enclosure without LAM	
74-800101-005	76-800101-005	3-Tiered Dead Front	
74-800201-005	76-800201-005	2-Tiered Dead Front	
74-800014-001	76-800014-001	NIC (Expansion Card)	74-800014-001
74-800015-001	76-800015-001	DACT (Dialer Module)	74-800015-001
74-800017-001	76-800017-001	ICM (Internet Communications Module)	74-800017-001

Conditions of Approval:

- All uses, configurations, arrangements and functions, applications 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.
- 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.
- 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.
- Connection to Central Station shall have **two means of communication**. **Primary channel shall be telephone line** as per requirements for DACT; the **secondary channel** of communication shall be ICM (Internet Communications Module).
- Annunciator is acceptable under the condition that this unit shall be used to acknowledge the alarm and all its control functions, including alarm silence and fire control panel reset, shall be disabled.

6. Only enclosures painted red in color shall be used.
7. When used for carbon dioxide (CO₂) releasing application, the following shall be complied with:
 - 7.1. All safety precautions stated in NFPA 12 shall be strictly followed.
 - 7.2. 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.
8. 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
9. Underwriters Laboratories Inc.'s Listing requirements and limitations shall be complied with.
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.
15. 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.
16. 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.

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COA #6128 for Kidde-Fenwal, Inc.
F.P. Index#: 1207018E
FPIMS#: 38304085
October 2, 2018
Page 5 of 5

When responding to this Department regarding this subject matter, kindly refer to F.P. Index # 1207018E 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

Note: The current application will be expired on October 12, 2018; the renewal will be extended for 3 more years (expires on October 11, 2021).

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