



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 128-07-E Vol. 4

Manufacturer:	Honeywell International, Inc., 12 Clintonville Road, Northford, CT 06472
Trade Name(s):	Johnson Controls, Inc.
Product:	Addressable fire alarm control units
Pertinent Code Section(s):	27-968 thru 27-977, Reference Standard RS 17
Prescribed Test(s):	UL 864 – 9 th Edition
Laboratory:	Underwriters Laboratories, Inc.
Test Report(s):	UL Multiple Listing File S1570, issued April 12, 2007

Description: The Johnson Controls, Inc. models, IFC2-640 and IFC-320 addressable fire alarm control units, are multiple-listed with the Notifier models, NFS2-640 and NFS-320 (MEA 128-07-E). Both may also be employed as control units for releasing devices, i.e. control units for use with separately-listed automatic fire detectors and releasing devices to form electrically supervised releasing systems. These models may also use compatible MEA-approved Johnson Controls' branded module, detectors, bases, pull stations and accessories. The IFC2-640 may use enclosures with the "R" suffix denoting the red color. The IFC-320 is available with the "R" suffix denoting the red color. The following equipment is also compatible and used with both the IFC2-640 and IFC-320 with exceptions as noted in the comments column in Table 1.

Table 1

Model No.	Description	Comments
A2143-00	End of Line Resistors	
AA-30/-100/-120	Audio Amplifiers	IFC2-640 only
JABF-1B/-1DB/-2B/-2DB/-4B	Annunciator Flush Boxes	
ABM-16AT/-32A	Annunciator Blank Modules	
JABS-1TB/-4B/-1B/-2B/-4D	Annunciator Surface Boxes	
JABS-8RB	ACM-8R Annunciator Backbox	
ACM-8R/-24AT/-48A	Annunciator Control Modules	
ACT-1/-2	Audio Coupling Transformers	IFC2-640 only
JADDR-B4/-B4R/-C4/-C4R/-D4/-D4R	Doors	IFC2-640 only
ADP2-640	Dress Panel	IFC2-640 only
ADP-4B	Dress Panel	IFC2-640 only
AEM-24AT/-48A	Annunciator Expander Modules	
AFM-16A/-16AT/-32A	Annunciator Fixed Modules	
JAKS-1B	Annunciator Key Switch	
APJ-1B	Annunciator Phone Jack	IFC2-640 only
B210LPJ	Detector Base	
B501BH	Sounder Base	
B501J	Detector Base	
BMP-1	Dress Panel	
JBP2-4	Battery Dress Panel	IFC2-640 only
BX-501	Intelligent Detector/ Sensor Base	
CAB-4 Series	Control Unit Backboxes	IFC2-640 only; Basic is color black; "R" suffix is color red.
CHS-4/-4N	Chassis	
CA-1/-2	Chassis	IFC2-640 only
CCM-1	Communication Converter Module	
CHS2-M2	Chassis	
CMX-1	Addressable Control Module	
JCPU2-640	CPU Module	IFC2-640 only
CRT-2	Display Monitor	
DAA-5025/-5070 Series	Digital Audio Amplifiers	IFC2-640 only
DPI-232	Direct Panel Interface	
DP-1B	Blank Dress Plate	
DP-DISP2	Dress Panel	
DPDW-1B	Double Well Dress Plate	
DPSW-1B	Single Well Dress Plate	
DVC Series	Digital Voice Command	IFC2-640 only

Table 1 (Cont'd.)

Model No.	Description	Comments
FCPS-24S6/-24S8	Field Charger/Power Supplies	
FDU-80/-80G	Remote Annunciators	
FHS	Fireman's Handset	
Fire Voice-25/-50 Series	Voice Evacuation Systems	IFC2-320 only
FPJ	Firefighter's Phone Jack	
FSB-200/-200S	Beam Smoke Detectors	
KAPS-24	Power Supply	
KDM-R2	Keyboard/Display Unit	
LDM-32/-E32/-R32	Lamp Driver Modules	
LEM-320	Loop Expander Module	IFC2-640 only
JNCA-2	Network Control Annunciator	
NBG-12LRA	Agent Release Pull station	MEA #67-02-E
NCM-W	Network Control Annunciator (Wire)	
NCS	Network Control Station	
JPRN-6	80 Column Printer	
R-120/-2.2K/-27K/-470/-47K	End of Line Resistors	
RPT-485W	Repeater (Wire)	
SCS-8, SCE-8	Smoke Control Station Modules	
SCS-8L, SCE-8L	Smoke Control Lamp Drivers	
TELH-1	Telephone	IFC2-640 only
TM-4	Transmitter Module	
UDACT	Universal Digital Alarm Communicator Transmitter	
VP-2B	Dress Plate	
XPIQ	Quad Audio Transponder	IFC2-640 only
XP6-C	Control Module	
XP6-MA	Six Zone Interface Module	
XP6-R	Relay Control Module	
XP10-M	Ten Input Monitor Module	

Retro-fit Equipment: The following compatible equipment listed under the 8th Edition of UL 864 Standard in Table 2 may only be used in retrofit applications.

Table 2

Model No.	Description	Comments
ACM-16AT/-32A	Annunciator Control Modules	
AEM-16AT/-32A	Annunciator Expander Modules	
APS-6R	Auxiliary Power Supply	
CHG-120	Battery Charger	
FCPS-24	Field Charger Power Supply	
FFT-7/-7S	Firefighter's Telephones	IFC2-640 only
JNCA	Network Control Annunciator	
P-40	Keltron Printer	
P40-KITB	Keltron Printer Dress Panel	
XP5-C	Transponder Control Module	
XP5-M	Transponder Monitor Module	
XPC-8	Transponder Control Module	
XPDP	Transponder Dress Panel	
XPM-8/-8L	Transponder Monitor Module	
XPP-1	Transponder Processor	
XPR-8	Transponder Relay Module	

Terms and Conditions: The above models 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 Subchapter 17 and Reference Standards 17-3, 17-3A, 17-3B, 17-3C and 17-5. Further, the installation shall be in accordance with the manufacturer's recommendations and UL Standard.
2. When used with a central office communicator or transmitter (DACT), the installation and operation of the NFS2-640 and NFS-320 shall comply with 3RCNY #17-01. These devices shall have the capability of transmitting separate and distinct signals to indicate manual pull station, automatic detection alarm, sprinkler waterflow alarm, supervisory signal indications and trouble indications.
3. When installed for releasing applications, the installation shall be in accordance with the requirements of 3RCNY Chapter 15 and NFPA standards as referenced in the UL test report.

4. When used for carbon dioxide (CO₂) releasing applications, the following shall be complied with:
 - a. All safety precautions stated in NFPA 12 shall be strictly followed.
 - b. 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. 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. Remote signal silence and reset capabilities and auto signal silence feature shall be removed from this unit.
7. Installation of pre-recorded evacuation messages in the fire alarm control unit would require a prior approval from the Fire Department.
8. The above-referenced fire alarm control unit shall be used only with listed, approved or accepted equipment and accessories, with which the compatibility has been determined by the Engineer of Record or the UL test report.
9. 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 acceptable for use, as provided in Section 27-131 of the New York City Building Code.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance: August 3, 2007
Examined By: Donald [Signature]