

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM



# LISTING SERVICE

**LISTING No.** 7165-1657:0306

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**CATEGORY:** 7165 -- FIRE ALARM CONTROL UNIT (COMMERCIAL)

**LISTEE:** EDWARDS, A Division of UTC Fire & Security Americas Corporation, Inc. 8985 Town Center Parkway, Bradenton, FL 34202  
Contact: Jewell Conover (941) 739-4358 Fax (941) 308-8123  
Email: rhonda.micochero@fs.utc.com

**DESIGN:** EST Brand-3X-SFS1B(i) and 3XSFS1R(i) Fire alarm control systems. Refer to listee's data sheet for additional detailed product description and operational considerations. System subassemblies:

3X-PMI, 4X-12/S1GY, 4X-12/S1RY, 4X-12SR, 4X-24R, 4X-6/3S1G2Y, 4X-6/3SIGYR, 4X-4/3SGYWR, 4X-DR, 4X-LRMF, SFS1-CPU, 4X-LCD(-LC)3X-ETH1, 3X-FIB8, 3X-NET8, 3X-NET SFS1(i)-ELEC, CLA-PS10, PS10-4B, 4X-CAB6DR, 4X-CAB6D, CAB6B

**Components:**

3-SDC, 3-SDC1: Signature Data Card  
3-CCI: City Module  
URSM: Universal Riser Supervisory Module  
RM1: Supervisory Module  
MN-COMIS, 3-FIBMNB2, MN-ABPM, 3-ATPINT, ATPC: Interface Modules  
PT1-S: System Printer  
PT1-P: System Printer Paralle  
3-NSHM1, 3-NSHM2: Modern Communication Cards  
MN-NETSW1: Network Switching Hub  
MN-PASM: Audio Preamp Module  
MN-FVPN: VoIP Encoding/Decoding Unit  
SMXL02, SMXHI2, SMXXLO, SMXHI, MMXVR: Fiber Transceiver  
3X-PMI: Paging Microphone Interface  
3-SSDC1, 3-SDDC1: Single Signature Drive Controllers  
3-ZA20A, 3-ZA20B, 3-ZA40A, 3-ZA40B: Amplifiers  
3-MODCOM, 3-MODCOMP: Modem Dialers  
3-AADC1: Addressable Analog Module  
3-IDC 8/4: Initiating Device Circuit Module  
CDR-3: PSNI Coder Module  
3-OPS: Off Premise Signaling Module

**RATING:** 120 VAC 50/60HZ, 240 VAC 50/60HZ, 24VDC

**INSTALLATION:** In accordance with listee's printed installation instructions, NFPA 72, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

\*Rev. 04-04-13 bh



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other

Date Issued: **July 01, 2015**

Listing Expires **July 01, 2015**

Authorized By: **JAMES PARSESIAN, Program Coordinator**  
*Fire Engineering Division*

**MARKING:** Listee's name, model number, electrical rating and UL label.

**APPROVAL:** Listed as a fire alarm control unit for use with separately listed compatible initiating and indicating devices. \*Suitable for high-rise applications. These control units can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 2010 edition and UL Standard 864 9th edition. Refer to manufacturer's Installation Manual for details.

**NOTE:** For Fire Alarm Verification Feature (delay of fire alarm signal), the maximum Retard/Reset/Restart period shall not exceed 30 seconds.  
Alarm Verification shall not be implemented on initiation-device circuits that have the option of releasing and extinguishing agent or water unless these circuits release independently of the Alarm Verification feature.

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