

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
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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, *3-SDC1-HC: 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
*3X-ETH1, *3X-ETH2, *3X-ETH3: Ethernet Adapter

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

INSTALLATION: In accordance with listee's printed installation instructions, NFPA 72, applicable codes and

*Rev. 12-16-15 gt



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

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ordinances and in a manner acceptable to the authority having jurisdiction.

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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