

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



LISTING SERVICE

LISTING No. 7165-1713:0101

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CATEGORY: Fire Alarm Control Unit (Commercial)

LISTEE: ADVANCED FIRE SYSTEMS, INC., 100 South Street, Hopkinton, MA 01748
Contact: Leigh Kaiser (508) 453-9995 Fax (508) 453-9996
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DESIGN: Models *AX-CTL-1, *AX-CTL-1L, AX-CTL-2, AX-CTL-4, *AX-CTL-1V, *AX-CTL-2V, *AX-CTL-4V, *AX-CC1-16, *AX-CC2-16, *AX-CC4-16, *CCM-01, *CCM-02 fire alarm control units. Local, auxiliary, remote station, central station, automatic, manual, waterflow and sprinkler supervisory services. Suitable for use as an emergency audio evacuation, voice paging and firefighter telephone communications system with status and control LEDs/switches. Refer to listee's data sheet for detailed product description and operational considerations. System components:

- *711-1111; AC Feed Card (AX-ACB)
- *712-1052-001; AX-Base Card 1 Loop (AX-CTL-1PCB)
- 712-1052; AX-Base Card 2 Loop *(AX-CTL-2PCB)
- 712-1069; AX-Display Card
- AX-PSU; Power Supply/Expansion Module
- AX-LPD; SLC/NAC Expansion Card
- AX-NAC; NAC Expansion Card
- AX-NET4, -NET7; Network Expansion
- AX-LZA-100, -200; LED Zone Indicators
- AX-RL8; 8-Way Output Card
- AXS-002; Keypad *(AX-KSW)
- AX-CTY; EOL Assembly
- AXM-008; Bezel
- AX-BAT; External Battery Enclosures
- *AX-012; Strip Printer
- *D9068P; RS-232 Serial Digital Alarm Communicator
- *AX-SEB; Serial Expansion Board for D9068P
- *AX-MOXA; Fiber Optic Converter Module
- *AX-DCI; Isolation Module
- *AX-MDM; Modem Card
- *AX-RL4; 4 Point Relay Card
- *AX-RL10; 10-Way Relay Output Card
- *AX-I/O-48; Switch Input/LED Drive Output Module
- *AX-ASW-16; Switch/LED Module
- *AV-AMP-80; Audio Amplifier Module
- *AV-VB; Audio Booster
- *AX-PSU-6; 5A Power Supply Charger Module

*Rev. 04-07-11 fm



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 suitable information sources.

Date Issued: **June 09, 2011**

Listing Expires **June 30, 2011**

Authorized By: **FRANCIS MATEO**, Program Coordinator
Fire Engineering Division

- *AV-MIC; Microphone Assembly
- *AV-TEL; Firefighter Phone w/Telephone Riser Module
- *AV-JACK; Addressable Firefighter Telephone Jack
- *AV-TEL-SUP; Firefighter Warden Station Interface Module
- *AX-01-BB; AX and AX "V" Series Backbox
- *AX-01-ID1; AX Series Inner Door
- *AX-01-ID2; AX "V" Series Inner Door
- *AX-01-OD1; AX Series Outer Door
- *AX-01-OD2; AX "V" Series Outer Door
- *AX-02-BB; AX-CTL-1 Backbox
- *AX-02-OD; AX-CTL-1 Outer Door
- *AX-SAP; Single Aperture Plate
- *AX-DAP; Double Aperture Plate
- *CCM-01-BB; 3x3 Command Center Backbox
- *CCM-01-ID1; 3x3 Inner Door w/ 1 double & 7 single apertures
- *CCM-01-ID2; 3x3 Inner Door w/ 2 double & 5 single apertures
- *CCM-01-ID3; 3x3 Inner Door w/ 9 single apertures
- *CCM-01-OD; 3x3 Outer Door
- *CCM-02-BB; 3x5 Command Center Backbox
- *CCM-02-ID1; 3x5 Inner Door w/ 1 double & 13 single apertures
- *CCM-02-ID2; 3x5 Inner Door w/ 2 double & 11 single apertures
- *CCM-02-ID3; 3x5 Inner Door w/ 15 single apertures
- *CCM-02-OD; 3x5 Outer Door

RATING: 120-240 VAC, 24 VDC

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction. Refer to listee's Installation Instructions Manual for details.

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

APPROVAL: Listed as fire alarm control units for use with separately listed compatible initiating and indicating devices. *Suitable for high-rise applications when used with the above voice evacuation modules.

This control unit can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 2002 Edition.

*This control unit meets the requirements of ANSI/UL Standard 864, 9th Edition.

NOTE: For Fire Alarm Verification Feature (delay of fire alarm signal), the maximum Retard/Reset/Restart period shall not exceed 30 seconds.

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