

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

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**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 and \*AX-DGP-FACP 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

\*Rev 08-06-13 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

Date Issued: **July 01, 2015**

Listing Expires **June 30, 2016**

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

AX-PSU-6; 5A Power Supply Charger Module  
 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  
 \*AX-DGP; Data Gathering Panel  
 \*AX-PSN-6PCB; NAC Booster Power Supply  
 \*AX-PSN-10PCB; NAC Booster Power Supply  
 \*AX-DGP-BP; Undrilled Blank Back Plate  
 \*AX-CZM; Conventional Zone Module

**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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