



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

LISTING SERVICE

LISTING No.:	7170-0328:0532
CATEGORY:	7170 - CONTROL UNIT (HIGH-RISE)
LISTEE:	Potter Electric Signal Co 1609 Park 370 Place, Hazelwood, MO, 63042 Contact: Lakomiak, Neil 314-816-8679 Email: neill@pottersignal.com
DESIGN:	<p>Models IPA-4000V and AFC-1000V Fire Alarm Control Units. The units form an interconnected fire alarm control unit with audio system. The system contains a headend panel (IPA-4000V and AFC-1000V) where a microphone is used to capture the user's voice. The microphone is connected to the panel where it is digitized and transmitted via IP packets to the remote amplifier panels. The digital representation of the audio is then converted back to analog line level output by the amplifiers.</p> <p>Accessories:</p> <p>Model LOC-1000 - Local Operator Console</p> <p>Fire Alarm Equipment:</p> <p>Model FFT-1000 - Fire Fighter Telephone Panel</p> <p>Subassembly:</p> <p>Model VM-1000 - Voice Module</p> <p>Model FFT-EXP - Fire Fighter Phone Expander Module</p> <p>Model SB-8 - Switch Board (8) Programmable Interface</p> <p>Model SB-24 - Switch Board (24) Programmable Interface</p> <p>Model FSB-8 - Fire Fighter Switch Board (8) Programmable Interface</p> <p>Model FSB-24 - Fire Fighter Switch Board (24) Programmable Interface</p> <p>Model 70V-1000 - Voltage Booster</p> <p>Model BUA-1000 - Backup Amplifier</p> <p>Models SCA-2525, SCA-2570, SCA-5025, SCA-5070, and SCA-10070 - Addressable Single Channel Amplifiers</p> <p>Models DCA-5025 and DCA-10025 - Addressable Dual Channel Amplifiers</p>



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	<p>Model LOC-RA6500R - Remote Annunciator</p> <p>*Model SCA-5070INT - Addressable Single Channel Amplifier</p> <p>The units employ the following features: alarm verification, supports standard 2-wire smoke detectors, positive alarm sequence, cross zone operation, counting zone operation, detector sensitivity, smoke control (IPA only), mass notification, supports addressable devices, field programming, drift compensation, remote annunciator outputs, carbon monoxide alarms, and 520 Hz low frequency.</p> <p>Refer to listee's data sheet for additional detailed product description and operational considerations.</p>
RATING:	<p>Models IPA-4000V and AFC-1000V:</p> <p>Primary Operating Supply:</p> <p>120 VAC, 50/60 Hz, 5 A</p> <p>240 VAC, 50/60 Hz, 3 A</p> <p>Secondary Operating Supply:</p> <p>24 VDC, 55 Ah</p>
INSTALLATION:	<p>In accordance with listee's printed installation instructions, applicable codes and ordinances, and in a manner acceptable to the authority having jurisdiction.</p>
MARKING:	<p>Listee's name, model number, electrical rating, and UL label.</p>
APPROVAL:	<p>Listed as fire alarm control units for releasing, smoke control, and in-building mass notification when used with separately listed electrically and functionally compatible initiating and indicating devices. Refer to listee's Installation Instruction Manual for details. *Models complies with the applicable requirements in UL 864, 10th Edition.</p>
NOTES:	

*Revision 9-6-23
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This listing is based upon technical data submitted by the applicant. OSFM 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: 05/27/2025

Listing Expires: 06/30/2026

Authorized By: **Michael Huang**, Program Coordinator
Fire Engineering & Investigations Division