



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

LISTING SERVICE

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| LISTING No.: | 7277-0328:0533 |
| CATEGORY: | 7277 - COMBINATION SMOKE/CARBON MONOXIDE/HEAT DETECTOR - PHOTOELECTRIC |
| LISTEE: | Potter Electric Signal Co 1609 Park 370 Place, Hazelwood, MO, 63042 Contact: Lakomiak, Neil 13148661542 Email: neill@pottersignal.com |
| DESIGN: | <p>Model PAD200-PCHD Multi-criteria, analog addressable type, combination smoke, heat, and carbon monoxide detector head that employs components for smoke detection, heat detection, and carbon monoxide detection. The product is intended to detect an abnormal amount of smoke, heat, and/or carbon monoxide in the area in which it is installed, and provide a corresponding alarm signal to the connected compatible fire alarm control panel.</p> <p>Refer to listee's data sheet for additional detailed product description and operational considerations.</p> |
| RATING: | Voltage: 24 VDC; Average Standby Current: 166.07 uA; Average Alarm Current: 1.031 mA |
| 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. |
| MARKING: | Listee's name, model number, electrical rating, and UL label. |



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| APPROVAL: | <p>Listed as a photoelectric combination smoke, heat, and carbon monoxide detector head for use with listee's separately listed compatible detector bases and fire alarm control units. Refer to listee's Installation Instruction Manual for details. Model complies with the applicable requirements in UL 268, 7th Edition, UL 521 7th Edition, and UL 2075, 2nd Edition.</p> <p>Compatible Detector Bases:</p> <p>Model PAD100-IB (CSFM Listing No. 7300-0328:0501); Models PAD100-4DB, PAD100-6DB, PAD100-RB, and PAD100-SB (CSFM Listing No. 7300-0328:0502); Model PAD100-SPKB (CSFM Listing No. 7300-0328:0512); Model PAD100-LFSB (CSFM Listing No. 7300-0328:0513)</p> <p>Compatible Fire Alarm Control Units:</p> <p>Models IPA-60, IPA-100, and IPA-4000 (CSFM Listing No. 7165-0328:0500); Models AFC-50, AFC-100, AFC-1000, and ARC-100 (CSFM Listing No. 7165-0328:0509)</p> |
| NOTES: | |

2-14-22 VWW



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: 05/02/2024

Listing Expires: 06/30/2025

Authorized By: **David Castillo**, Program Coordinator
Fire Engineering & Investigations Division