



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

LISTING SERVICE

LISTING No.:	7272-1076:0510
CATEGORY:	7272 - SMOKE DETECTOR-SYSTEM TYPE-PHOTOELECTRIC
LISTEE:	KIDDE-FENWAL, INC 400 Main Street, Ashland, MA, 01721 Contact: Garland, Terrill (508) 881-2000 (508) 881-1773 Email: terrill.garland@carrier.com
DESIGN:	Model KS-PS Analog Addressable Photoelectric Smoke Detector and Model KS-PHD Analog Addressable Photoelectric and Heat Smoke Detector. Product designed to detect an abnormal amount of smoke density and/or heat in the area in which it is installed and to signal a fire alarm control panel during this condition. Model KS-PS has a maximum installation temperature of 49°C. Model KS-PHD has a maximum installation temperature of 38°C and employs a detector spacing of 50 foot. Refer to listee's data sheet for detailed product description and operational considerations.
RATING:	Model KS-PHD: 135°F Fixed Temperature and 15°F Rate of Rise 24 VDC
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, temperature rating, and UL label.



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<p>APPROVAL:</p>	<p>Listed as multi-criteria analog addressable photoelectric smoke detector for use with listee's separately listed compatible detector bases and separately listed compatible fire alarm control panels.</p> <p>Detector Base:</p> <p>Models DS-SB and DS-RB (CSFM Listing No. 7300-1076:0504)</p> <p>Fire Alarm Control Panel:</p> <p>Kidde-Fenwal - Models ARIES (CSFM Listing No. 7165-1076:0183), Fenwalnet 6000 (CSFM Listing No. 7165-1076:0184), FenwalNET 8000-ML (CSFM Listing No. 7165-1076:0194), ARIES NETLink (CSFM Listing No. 7165-1076:0195), ARIES-SLX (CSFM Listing No. 7165-1076:0505), and ARIES-MLX (CSFM Listing No. 7165-1076:0506)</p> <p>Chemetron Fire Systems - Models MICRO SLX (CSFM Listing No. 7165-0061:0153) and MICRO MLX (CSFM Listing No. 7165-0061:0155)</p> <p>Refer to listee's Installation Instruction Manual for details.</p>
<p>NOTES:</p>	<p>The photoelectric type detectors are generally more effective at detecting slow, smoldering fires, which smolder for hours before bursting into flames. Sources of these fires may include cigarettes burning in couches or bedding. The ionization type detectors are generally more effective at detecting fast, flaming fires, which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen.</p>

09-01-20 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: 04/19/2023

Listing Expires: 06/30/2024

Authorized By: **Victor Wong**, Program Coordinator
Fire Engineering & Investigations Division