

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



LISTING SERVICE

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CATEGORY: 7272 -- SMOKE DETECTOR-SYSTEM TYPE-PHOTOELECTRIC

LISTEE: KIDDE-FENWAL, INC400 Main Street, Ashland, MA 01721
Contact: Terrill Garland (508) 881-2000 Fax (508) 881-1773
Email: terrill.garland@carrier.com

DESIGN: Model DS-PS Addressable photoelectric smoke detector. Refer to listee's data sheet for detailed product description and operational considerations.

RATING: 24 Vdc

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

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

APPROVAL: Listed as a photoelectric type smoke detector for use with listee's separately listed compatible fire alarm control unit Model ARIES (CSFM# 7165-1076:0183), Model FENWALNET 6000 (CSFM# 7165-1076:0184), Model FENWALNET 8000-ML (CSFM# 7165-1076:0194), Model ARIES NETLink (CSFM# 7165-1076:0195), Model MICRO SLX (CSFM# 7165-0061:0153) and Model MICRO MLX (CSFM# 7165-0061:0155). The panel programming limits for this device are from 0.9-3.5 percent perfoot obscuration for velocities from 0-300 ft/min.and 0.9-2.00 percent per foot obscuration for velocities from 300-4000 ft/min. including installation inside ducts. Refer to manufacturer's Installation Manual for details.

NOTE: 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.

09-08-2016 dc



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, 2021**

Listing Expires **June 30, 2022**

Authorized By: **DAVID CASTILLO, M.E., F.P.E.**
Fire Engineering Division