



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

LISTING SERVICE

LISTING No.:	3242-1076:0507
CATEGORY:	3242 - DUCT SMOKE DETECTOR, PHOTO. (W/ OR W/O BASE)
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 DS-SD photoelectric duct mounted smoke detector. Unit consists of a thermoplastic enclosure, printed circuit board, a smoke detector chamber, a sampling and exhaust tube, and gaskets. Refer to listee's data sheet for additional detailed system 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. Suitable for use in ducts where air velocity is between 100 and 4000 ft/min.
MARKING:	Listee's name, model number, rating and UL label.
APPROVAL:	Listed as photoelectric duct mounted smoke detector, for use with separately listed compatible Kidde Fire System Addressable Control Units using SmartOne Protocol, Refer to listee's Installation Instruction Manual for details.
NOTES:	

11-01-2018 dcc



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