

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



# LISTING SERVICE

**LISTING No.** 7272-2010:0511 Page 1 of 1

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

**LISTEE:** FIKE CORPORATION 704 South 10th Street, P.O.Box 610, Blue Springs, MO 64013  
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**DESIGN:** Models FIK-2351, FIK-2351R, and FIK-2351T analog addressable, photoelectric smoke detectors for open area and duct installations. Model FIK-2351T has complementary heat detector. All models are similar except for population/depopulation of components on the Printed Wiring Board for the intended features.

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 and 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 photoelectric smoke detectors. Detectors are for use with separately listed bases System Sensor Models B224BI, B224RB (CSFM Listing No. 7300-1653:0126); B200S, B200SR (CSFM Listing No. 7300-1653:0213); B200S-LF, B200SR-LF (CSFM Listing No. 7300-1653:0238); B501, B300-6 (CSFM Listing No. 7300-1653:0109). System Sensor duct detector housings Models DNR, DNRW (CSFM Listing No. 3240-1653:0209); and separately listed compatible fire alarm control units. Refer to manufacturer's Installation Instruction Manual for details. All models comply with the applicable requirements in ANSI/UL 268, Smoke Detectors for Fire Alarm Systems, 7th Edition.

**NOTE:** The photoelectric type detectors are generally more effective at detecting slow, smoldering fires that smolder for hours before bursting into flame. Sources of these fire may include cigarettes burning in the couches or bedding. The ionization type detectors are generally more effective at detecting fast, flaming fires that consume combustible materials rapidly and spread quickly. Sources of these fires include paper burning in a waste container or a grease fire in the kitchen.

**XLF:** 7272-0028:0503

3-25-21 VWW



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*