

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



LISTING SERVICE

LISTING No. 7272-1615:0106 Page 1 of 1

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

LISTEE: BOSCH SECURITY SYSTEMS130 Perinton Parkway, Fairport, NY 14450
Contact: Jon Wolski (585) 678-3323 Fax (585) 678-3263
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DESIGN: Models F220-P and F220-PTH photoelectric smoke detectors. Model F220-PTH employs an integral 135° fixed temperature, thermistor type, heat sensor. The heat sensor is intended for use only as a supplement to the smoke detector and is NOT approved for use in lieu of required heat detectors. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: 8.5 - 32.0 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 photoelectric smoke detectors for use with separately listed compatible fire alarm control units and Model F220-B6 series detector bases (CSFM Listing No. 7300-1615:105). Refer to listee's Installation Instruction 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.

07-21-2004



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, 2013**

Listing Expires **June 30, 2014**

Authorized By: **JAMES PARSEGIAN, Program Coordinator**
Fire Engineering Division