

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



# LISTING SERVICE

**LISTING No.** 7272-1615:0107

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

**LISTEE:** BOSCH SECURITY SYSTEMS 130 Perinton Parkway, Fairport, NY 14450  
Contact: Jon Wolski (585) 678-3323 Fax (585) 678-3263  
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**DESIGN:** \*Model F220-PTHC photoelectric smoke detector with integral Carbon Monoxide (CO) sensor. Model F220-PTHC employs a 135° fixed temperature, thermistor type, heat sensor. This thermal circuitry is NOT approved for use in lieu of required heat detectors. The heat and CO sensor are intended for use only as supplements to assist the smoke 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.

\*Rev. 08-15-08 bh



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, 2017**

Listing Expires **June 30, 2018**

Authorized By: **DAVID CASTILLO, Program Coordinator**  
*Fire Engineering Division*