

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: BOSCH SECURITY SYSTEMS130 Perinton Parkway, Fairport, NY 14450
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DESIGN: Models FCP-500, FCP-500-C, FCP-500-P, and FCP-500-C-P photoelectric smoke detectors. Models with -C in the model number employ a carbon monoxide (CO) sensor. Model. The CO sensor is intended for use only as a supplement to assist the smoke detector. Models employ a white faceplate except models with a -P suffix employ a transparent faceplate. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: 9.7 - 30 VDC

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

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 FCA-500 and FCA-500-E detector bases and FAA-500-BB-UL back box (CSFM Listing No. *7300-1615:222). 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.

*Corrected 07-13-2005



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