

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



# LISTING SERVICE

**LISTING No.** 7257-0087:143

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**CATEGORY:** Photoelectric Smoke Detector (Single/Multiple)

**LISTEE:** BRK Brands, Inc., 3901 W Liberty St Rd. Aurora, IL 60504-8122  
Contact: Mark Dippner (630) 851-7330 ext 1422 FAX (630) 851-9309

**DESIGN:** Model SCO500 single/or multiple station combination photoelectric smoke and CO alarm with remote RF. Intended to be wall or ceiling mounted. Model SCO500 has an alarm silence feature. Refer to listee's data sheet for detailed product description and operational considerations.

**RATING:** Two AA type batteries, Energizer E91.

**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 and/or First Alert, model number, electrical rating, and Intertek label.

**APPROVAL:** Listed as single and/or multiple station photoelectric smoke detectors. Refer to listee's Installation Instruction Manual for details.

These units can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 1999 Edition

**NOTE:** The photoelectric type detectors are generally more effective at detecting slow, smoldering fires, which smolder for hours before bursting into flame. 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.

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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 suitable information sources.

Date Issued: **JUNE 6, 2008**

*Listing Expires June 30, 2009*

Authorized By: **BEN HO, Chief**  
*Fire Engineering Division*