

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



# LISTING SERVICE

**LISTING No.** 3240-0559:0163 Page 1 of 1

**CATEGORY:** 3240 -- DUCT SMOKE DETECTOR HOUSING/BASE

**LISTEE:** SILENT KNIGHT SECURITY 1985 Douglas Drive, MN10-212A, Golden Valley, MN 55422  
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**DESIGN:** Models SD505-DUCT and SD505-DUCTR duct smoke detector units, SD505-DTS-K remote test switch. Each unit consists of a smoke detector head, plastic enclosure, plastic cover, relays, electrical components, and sampling and exhaust tubes. The smoke detector heads are not suitable for use as open area detection. Refer to listee's data sheet for additional, detailed product description and operational considerations.

**RATING:** 120 VAC, 230 VAC, 24 VAC and 24 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 designation, electrical rating and UL label.

**APPROVAL:** Listed as duct smoke detector units for use with separately listed compatible fire alarm control units to detect an abnormal amount of smoke density in the\*supply air ducts of air conditioning and ventilating system. The air velocity in the duct shall be between 300-4000 fpm.

**NOTE:** For duct application only. Not suitable for open area protection.

**XLF:** 3240-0410:0155

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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

Date Issued: **July 01, 2016**

Listing Expires **June 30, 2017**

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