

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



# LISTING SERVICE

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**LISTING No.** 3240-1004:0108

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

**LISTEE:** AIR PRODUCTS AND CONTROLS INC, 1749 E HIGHWOOD, PONTIAC, MI 48340  
Contact: Richard Steele (248) 332-3900 Fax (248) 332-8807  
Email: rsteele@ap-c.com

**DESIGN:** Models SM-501-N and SM-501-P duct smoke detector units. Units consist of an enclosure, relay, electrical components, listed open area detector and sampling and exhausted tubes. All units are four-wire duct detectors. Suffix -N indicates the unit employs an ionization smoke detector head. Suffix -P indicates the unit employs a photoelectric smoke detector head.

Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 24 VAC, 24 VDC, 115 VAC or 230 VAC

**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 duct detectors for use with separately listed compatible fire alarm control units when installed in HVAC systems with air velocity between 500 and 4000 ft./min.

**NOTE:**

\*Rev. 05-28-2004



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 suitable information sources.

Date Issued: **July 01, 2010**

Listing Expires **June 30, 2011**

Authorized By: **FRANCIS MATEO**, Program Coordinator  
Fire Engineering Division