

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



# LISTING SERVICE

**LISTING No.** 3240-1615:0181 Page 1 of 2

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

**LISTEE:** BOSCH SECURITY SYSTEMS 130 Perinton Parkway, Fairport, NY 14450  
Contact: Jon Wolski (585) 678-3323 Fax (585) 678-3263  
Email: jon.wolski@us.bosch.com

**DESIGN:** Models D341, D342 and \*D343 duct smoke detector housing/units. Unit consists of a thermoplastic enclosure, relay, electrical components, sampling and exhaust tubes and a listed detector head.

Series D341 and D342 are intended for use with Models D285DH (CSFM Listing No. 7272-1615:134) or D286 (CSFM Listing No. 7271-1615:136) detector heads for open area which have been tested for duct applications.

Model D343 duct smoke detector housing for applications using multiplex bus communications. System components:  
D344-1.5, -3, -5; Sample Tubes  
D344-RT; Remote Test Station  
D344-TF; Tube Filters  
SMK-TM; Test Magnet

Model D343 is intended to be used with separately listed detector head model D7050DH (CSFM Listing 7272-1615:175), and listee's separately listed D7024 (CSFM Listing 7165-1615:147) series fire alarm control units with multiplex bus capabilities.

\*All models may be used with Model D344RT or Model D344RL remote test and indicator accessories or Model DRA-5 remote alarm indicator.

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

**RATING:** 24 VDC  
Model D343: 24 VDC; 200mA max. as supplied by multiplex bus or 24VAC/DC External Power. 24V External Power necessary for Remote Test.

**INSTALLATION:** In accordance with listee's printed installation instruction, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING:** Listee's name, model designation, air velocity rating and UL label.

**APPROVAL:** Listed as duct detector housing units when used with listee's separately listed compatible fire alarm control units. Intended for use in HVAC systems having air velocities between 300

\*Rev. 04-22-2007



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*

to 4000 ft/min.

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