

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



LISTING SERVICE

LISTING No. 7270-1713:105

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CATEGORY: Heat Detector

LISTEE: Advanced Fire Systems, inc., 100 South Street, Hopkinton, MA 01748
Contact: Leigh Kaiser (508) 453-9995 Fax (508) 453-9996
lekaiser@afsi.us.com

DESIGN: Model 58000-450ADV combination electronic/fixed temperature and rate-of-rise heat detector. Each unit consists of resistors, capacitors, diodes, thermistors, and integrated circuit. This device can be set at the control panel to any 5 modes of operation as detailed below. Refer to listee's data sheet for additional detailed product description and operational considerations.

Mode 1 = 135°F fixed temperature
Mode 2 = 150°F fixed temperature
Mode 3 = 150°F fixed temperature/rate-of-rise
Mode 4 = 200°F fixed temperature/rate-of-rise
Mode 5 = 200°F fixed temperature

RATING: Electrical: 17 to 28 VDC, 5 to 9 V protocol

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, model number, electrical rating, and UL label.

APPROVAL: Listed as an analog heat-automatic fire detector for use with listee's separately listed compatible fire alarm control units and listed Models 45681 Series detector bases (CSFM Listing No. 7300-1713:103). Refer to listee's Installation Instruction Manual for details.

XL: 7270-1394:119

07-11-08 bh



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: **AUGUST 28, 2008**

*Listing Expires **June 30, 2009***

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