

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



LISTING SERVICE

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CATEGORY: 7272 -- SMOKE DETECTOR-SYSTEM TYPE-PHOTOELECTRIC

LISTEE: Digital Security Controls 95 Bridgeland Ave, Toronto, Ontario M6A 1Y7 Canada
Contact: Dan Nita (905) 760-3000 Fax (905) 760-3020
Email: dnita@tycoint.com

DESIGN: Model WS4916 wireless, combination photoelectric and fixed temperature battery operated type smoke detector. Unit is intended to detect an abnormal amount of smoke density in the area in which it is installed, operate an audible signal and transmit a radio frequency (RF) alarm signal. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: Two Panasonic, Model CR123A lithium batteries, each rated 3VDC

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction. For use on vertical walls or a ceiling.

MARKING: Listee's name, (DSC), model number, electrical rating, and UL label.

APPROVAL: Listed as a photoelectric smoke detector for use with separately listed compatible fire alarm control units employing PC5132-433, P5132-433, PC4164-433, P4164-433, P/N T9010-43 and NT9005-433 expansion module receiver, *but can also function as a single station unit. Refer to listee's Installation Instruction Manual for details.
This unit can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 2002 Edition.

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

*Rev. 07-31-2006



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