



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 296-03-E

Manufacturer: Digital Security Controls Ltd, 95 Bridgeland Avenue,
Toronto, Ontario Canada M6A 1Y7

Trade Name(s): Digital Security Controls.

Product: Four Wire Smoke Detector and Accessories.

Pertinent Code Section(s): 27-968 thru 27-977, RS 17.

Test(s): UL 268.

Laboratory: Underwriters Laboratories

Test Report(s): UL File S7060, issued May 22, 2003, Project
03NK03660. UL letter dated August 25, 2003.

Description – The FSA-410B Series are latching-four wire photoelectric smoke detectors intended to be used with listed compatible Fire Alarm Control Panels. These smoke detectors can have any combination of the following options: fixed temperature (135F) heat detector (T), Siren (S), Relay output (R), LED output (L). The smoke detectors have automatic drift compensation and a test button for sensitivity check. Multiple smoke detectors (with sounders) can be connected using the PRM-4W/C Polarity Reversal Module. When a fire alarm occurs, the panel will signal the PRM-4W/C to reverse the polarity of the 4 wire loop. This will activate the sounders of all units connected on the loop. For supervision of the smoke detectors loop voltage it is used the Power Supervision Relay, Model RM-2UL.

Models: FSA-410B, -410BS, -410BT, -410BST, -410BR, -410BRS, -410BLST, -410BRT, FSA-410BLRST, PRM-4W, PRM-4WC, and RM-2UL.

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992. The Bureau of Fire Prevention has no objections Letter dated September 12, 2003, F.P. Index No. 0309002.

Terms and Conditions: That the above units be accepted on conditions that all uses, configurations, arrangements and functions, application and installations shall comply with the provisions of New York City Building Code, specifically Subchapter 17, and manufacturer's recommendation, NFPA 72 and UL Standard.

All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the Building Code.

Final Acceptance June 1, 2006
Examined by Donald M. [Signature]