

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, Commissioner

MEA 295-03-E
Report of Material and Equipment Acceptance Division

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

Trade Names - FSA-210B, -210BS, -210BT, -210BST, -210BR, -210BRS, -210BLST, -210BRT, FSA-210BLRST, PRM-2W, PRM-2WC.

Product – Two wire smoke detector and accessory.

Pertinent Code Sections – 27-968 thru 27-977, RS 17-5 ANSI/NFPA No. 72.

Tests – RS 17-5, ANSI/NFPA No. 72; UL 864, UL 268.

Laboratory – Underwriters Laboratories, Inc.

Test Reports – UL File S7060, Project 03NK05135, Vol. 1, Sec. 6, issued May 22, 2003, and UL File S4019, Project 02NK35353, Vol. 5, Sec. 3, issued July 6, 1998, revised May 7, 2003.

Description - The FSA-210B series are two wire photoelectric smoke detectors (UL Compatibility Identifier FS200) 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-2W/C Polarity Reversal Module. When a fire alarm occurs, the panel will signal the PRM-2W/C to reverse the polarity of the 2-wire loop. This will activate the sounders of all units connected on the loop.

Pursuant to the "Promulgation of the Rules relating to the Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections letter dated September 13, 2003, F.P. Index 0309002.

Recommendation – That the above units be accepted on condition that all uses, configurations, arrangements and functions, application and installations shall comply with the provisions of New York City Buildings Code, specifically Subchapter 17 and Reference Standard 17-3. Further, the installation and spacing shall be in accordance with the manufacturer's recommendations, NFPA 72 and UL Standard.

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

Final Acceptance November 21, 2003
Examined by Gerald [Signature]