



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

Report of Materials and Equipment Acceptance Division

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 220-95-E Vol. 17

Manufacturer: Altronix Corporation, 140 58th Street, Brooklyn, N.Y. 11220

Trade Name(s): Altronix Corporation

Product: Power supplies for fire alarm indicating circuits

Pertinent Code Section(s): Subchapter 17 and Reference Standard RS 17

Prescribed Test(s): UL 864, UL 1481

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): File S5075, Project 03ME18777 issued January 31, 2003, revised March 21, 2006. UL letter dated February 12, 2007

Description: These power supply/chargers are used for supervision and expanded power-driving capability of up to four Notification Appliance Circuits (FACP Fire Circuit Signaling Devices). Total current can be divided between the four outputs for powering signaling devices. Each output is limited to 2.5A. Model AL1042UL2-ADA is rated 10 Amps at 24 VDC while Model AL842UL2-ADA is rated 8 Amps at 12 or 24 VDC and Model AL642UL2-ADA is rated 6.25 Amps at 12 or 24 VDC.

The units, under non-alarmed condition, provide independent loop supervision for "Class A and B" FACP fire circuits (signaling devices) connected to their outputs.

These units are versatile. Two FACP signaling outputs can be connected to their inputs. The inputs can then be directed to control temporal code generator, input and output synchronization, supervision and power delivery to any combination of the four outputs.

The Models, AL1042UL2-ADA, AL842UL2-ADA AND AL642UL2-ADA, are suitable for NFPA 72 operations. These units are capable of providing up to 60 h of standby power followed by their respective 10A, 8A or 6.rA of alarm operation. These units will recharge 12ah, sealed lead acid batteries within 48h. System requires two 12V, 12ah batteries for 24VDC operations or one 12V, 12ah battery for 12 VDC operations. The batteries are mounted within the enclosure. AC power failure, low battery, no battery supervision is provided by generating a fault condition on the indicating circuit of the Fire Control Panel. These products also provide dry contact outputs for power failures, loop supervision failure, low and no battery conditions.

These models will energize the synchronous outputs of Gentex, System Sensor, Amseco, Wheelock and Faraday Horn/Strobe notification appliances.

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 March 15, 2007, F. P. Index #0702045A.

Terms and Conditions: The above fire-alarm power supply units are accepted on the following conditions:

1. All uses, configurations, arrangements and functions, application and installations shall comply with all applicable provisions of the New York City Building Code, specifically Subchapter 17 and Reference Standards RS 17-3 and 17-5.
2. The installation shall be in accordance with the manufacturer's recommendations, and UL standards.
3. Underwriters Laboratories, Inc.'s listing requirements and limitations shall be complied with.
4. 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 New York City Building Code.

Final Acceptance April 13, 2007

Examined By



