



NYC Department of Buildings
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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.16

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

Trade Name(s): None

Product: Power supplies for fire alarm-indicating circuits

Pertinent Code Section(s): §27-968 through §27-981, Reference Standard RS 17

Prescribed Test(s): UL 864, UL1481

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): S5075 Project 02ME18777, issued 1/31/03, revised 3/21/2006. UL letter dated July 10, 2006.

Description: The AL1042UL2-ADA is rated 10 amps at 24 VDC while the AL842UL2-ADA is rated 8 AMPS at 12 or 24 VDC and the AL642UL2-ADA is rated 6.5 AMPS at 12 or 24 VDC. These power supply/charges 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.

1. Models: AL1042UL2-ADA, AL842UL2-ADA and AL642UL2-ADA 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 generation, input and output synchronization, supervision and power delivery to any combination of the four outputs.

2. Models: AL1042UL2-ADA, AL842UL2-ADA and AL642UL2-ADA are suitable for NFPA-72 operations. These units are capable of providing up to 60h of standby power followed by their respective 10A, 8A or 6.5A of alarm operation. These units will recharge 12ah, sealed lead acid batteries within 48h. System requires two 12V, 12ah batteries for 24V operation or one 2V, 12ah battery for 12 VDC operation. 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 battery and no battery conditions.
3. AL1042UL2-ADA, AL842UL2-ADA and AL642UL2-ADA 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 July 26, 2006, F.P. Index #0607046.

Terms and Conditions: The above-described units are accepted provided that:

1. All uses, configurations, arrangements and functions, application and installations comply with the provisions of New York City Building Code, specifically Subchapter 17, and Reference Standards 17-3 and 17-5. Further, the installation shall be in accordance with the manufacturer's recommendations and UL standards.
2. 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 May 25, 2007
Examined By 