



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. XI

Manufacturer: Altronix Corporation, 140 58th Street, Brooklyn, New York 11220

Trade Name(s): Altronix Corp.

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): S5075, Projects 02ME1138 & 03ME12121 issued November 12, 2002, revised August 29, 2003. UL letter dated February 19, 2004.

Description – The AL1002UL-ADA and AL1002UL-ADAJ are 10 AMP 24 VDC power supply/chargers used for supervision and expanded power driving capability of up to four Notification Appliance Circuits (FACP Fire Circuit Signaling Devices). Total current of 10A, can be divided between the four outputs for powering signaling devices. Each output is limited to 2.5A.

The AL1002UL-ADA under non-alarmed condition, provides independent loop supervision for “Class A and B” FACP fire circuits (signaling devices) connected to it’s outputs.

The unit is versatile. Two FACP signaling outputs can be connected to it’s inputs. These 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.

The Model AL1002UL-ADA is suitable for NFPA 72 operations. It is capable of providing up to 60 h of standby power followed by 10A of alarm operation. The unit will recharge 12ah, sealed lead acid batteries within 48h. System requires two 12V, 12A batteries for 24V 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. The product also provides dry contact outputs for power failures, loop supervision failure, low battery and no battery conditions.

The AL1002UL-ADA will energize the synchronous outputs of Gentex, System Sensor, Amseco and Faraday Horn/Strobe notification appliances.

The AL1002UL-ADAJ is identical to the AL1002UL-ADA except for the use of a larger enclosure.

Pursuant to "Promulgation of the Rules relating to Materials and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections letter dated August 29, 2005, F.P. Index No. 0507041.

Terms and Conditions: The above units are accepted on condition 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 Reference Standard 17-3. Further, the installation shall be in accordance with the applicable provisions of New York City Electrical Code, 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 accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance October 28, 2005.
Examined by Donald Ad