



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 385-05-E

Manufacturer: Altronix Corp.

Trade Name(s): Altronix Corp.

Product: Power Supply 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.

Test Report(s): S5075, Projects 02ME11138, 03ME12121, 05MZ11219, Issued November 12, 2002, revised September 27, 2005. UL letters dated October 21, 2005.

Description – The AL100UL2-ADA is a 10 AMP 24 VDC power supply/charger used for supervision and expanded power driving capability of up to four Notifications 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 AL1002UL2-ADA and AL802UL2-ADA under non alarmed condition provides independent loop supervision for “Class A and B” FACP fire circuits (signaling devices) connected to its outputs.

The units are versatile. Two FACP signaling outputs can be connected to their 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 AL1002UL2-ADA is suitable for NFPA 72 operations.

It is capable of providing up to 60hrs of standby power followed by 10A of Alarm operation. The unit will recharge 12ah sealed lead acid batteries within 48hrs. 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 AL1002UL2-ADA will energize the synchronous outputs of Wheelock, Gentex, System Sensor, Amseco and Faraday Horn/Strobe notification appliances.

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" date , November 5, 1992, the Bureau of Fire Prevention has no objections letter dated November 9, 2005 File Index No. 0511008.

Terms and Conditions: 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 Standards 17-3 and 17-5. Further, the installation shall be in accordance with the manufacturer's recommendations and UL standards.

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 those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance May 4, 2006
Examined by Donald [Signature]