



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.18

Manufacturer:	Altronix Corporation, 140 58 th Street, Brooklyn, N.Y. 11220
Trade Name(s):	Hochiki America Corp.
Product:	Power supplies for fire alarm-indicating circuits
Pertinent Code Section(s):	§27-968 through §27-981, Reference Standard RS 17
Prescribed Test(s):	§27-969 (UL 864, UL1481)
Laboratory:	Underwriters Laboratories, Inc.
Test Report(s):	Multiple Listing File No. S5694 issued January 27, 2005, revised August 14, 2007.

Description: The FN-1042UL2ADA-R is rated 10 amps at 24 VDC while the FN-842UL2ADA-R is rated 8 AMPS at 12 or 24 VDC and the FN642UL2-ADA-R 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: FN-1042UL2ADA-R, FN-842UL2ADA-R and FN-642UL2ADA-R 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: FN-1042UL2ADA-R, FN-842UL2ADA-R and FN-642UL2ADA-R 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 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 battery and no battery conditions.
3. FN-1042UL2ADA-R, FN-842UL2ADA-R and FN-642UL2ADA-R will energize the synchronous outputs of Gentex, System Sensor, Amseco, Wheelock and Faraday Horn/Strobe notification appliances.

Manufacturer: Altronix Corp. Model No.	Product Description	Multiple Listee: Hochiki America Corp. Model No.
AL642UL2ADA	Indicating circuit power supplies	FN-642UL2ADA-R
AL842UL2ADA	Indicating circuit power supplies	FN-842UL2ADA-R
AL1042UL2ADA	Indicating circuit power supplies	FN-1042UL2ADA-R

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 October 1, 2007, F.P. Index #0709041.

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 accepted for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance December 20 2007
 Examined By Donald [Signature]