



Report of Materials and Equipment Acceptance Division

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

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 Vol. 4

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

Trade Name(s): Summit Systems Technologies

Product: Power supply for fire alarm indicating circuits

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

Prescribed Test(s): UL 864

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): Multiple Listings File No. S24011, issued October 17, 2005

Altronix Model No.	Summit Systems Model No.	Description
AL 1002 UI2ADA	SBPS-1002	NAC Power Extender

Description: The SBPS-1002 is a 10 A 24 VDC power supply/charger 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. A max 4A output is achieved by paralleling 2 outputs.

The SBPS-1002 under non alarmed condition, provided independent loop supervision for "Class A and B" FACP fire circuits (signaling devices) connected to it's outputs. This unit is 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 SBPS-1002 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 products also provide dry contact outputs for power failures, loop supervision failure, low battery and no battery conditions and will energize the synchronous outputs of Wheelock, Gentex, System Sensor, Amesco and Faraday horn/strobe notification appliances.

Summit Model SBPS-1002 is identical to the Altronix AL1002UL2-ADA except for cosmet changes

Terms and Conditions: The above unit is accepted on condition that:

1. All uses, locations and installations comply with New York City Building Code, specifically Subchapter 17, and with the Reference Standards RS 17-3 through 17-3C and RS 17-5 inclusive as applicable including the NFPA as appropriate, and with the Electrical Code of the City of New York.
2. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that all 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 December 14, 2006

Examined By Donald J. [Signature]