

**CITY OF NEW YORK  
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, F.A.I.A., Commissioner

**MEA 34-05-E  
Report of Material and Equipment Acceptance Division**

**Manufacturer – AlarmSaf, 65A Industrial Way, Wilmington, MA 01887**  
**Trade Name(s) – Beacon Line / SiPass Power Supplies and Accessories**  
**Model #s           BNnnnn-BxVz-Y#-Y#-Y#...**  
**PS124-A#-C1/C2-%**  
**PD8, PD8F, EDB-10, LDB-8**

**Product – Fire Alarm & Access control power supplies and accessory boards.**

**Pertinent Code Section(s) – Subchapter 17 and Reference Standard RS-17.**

**Prescribed Test(s) – UL1481, UL294.**

**Laboratory – Underwriters Laboratories, Inc.**

**Test Reports – UL File S3584 Volume 1 Section 2 issued June 3, 2004, UL letter dated January 19, 2005.**

**Description – The SiPass Power Supply Line (PS124-A#-C1/C2-%) is a version of the Beacon Line which is private labeled for Siemens. It uses the same boards/enclosures as the Beacon Line, with different labeling and instructions.**

**PRODUCT COVERED:**

**USL - Special application power supply battery charger unit series:**

**BNnnnn - Bx - Vz - Y# - Y# - Yif, and PS124-A#-C1/C2-%. Each unit consists of a subassembly power supply, subassembly enclosure, optional accessory board[s].**

**The BNnnnn - Product Code consists of:**

- 1. Power Supply Types BMnn - - n, where n equals: 4 = BN46000, 6 = BN6000, 8 = BN80000, 1 – BN100000,**
- 2. Enclosure type Bx whree x equals: 02, 03, 04, 09, 13, 16.**
- 3. Line Voltage Modifier Vz, whre z equals: 1= 120VAC, 2 = 230VAC, 3 – 120 or 230 VAC.**
- 4. Accessory Modifier Ytf, where Y equals: A=PD8, B=PDSF, C=APD8, D=APD8F,E=future use, F=LDB8, G=EDB10], # = number of boards.**

**Example: BN81-B04-V1-B1C1G1**

Unit consists of: 1-BN8000 and 1-BN10000 power supplies, 1-B04 enclosure, 120VAC input/input cable assembly, 1-PD8F, 1-APDB, 1-EDB10.

The PS124-product code consists of:

1. Basic unit type PS124,
2. A#, where D for Doors, E for Electronic outputs, L for Locks. Number following Alpha character defines the max. number of devices,
3. CI defines the output current rating at 12V
4. C2 defines the output current rating at 24V, may be followed by X® defining the number of power supply boards,
5. % defines enclosure where 1 = B02, 2 = B04, 3 = B16, 4 = B13, S = B03  
6=B09

Example: PS124-D16-16-X2-6

Unit consists of: BN10000 power supply, max. 16 door devices, 2 power supply boards, B09 enclosure.

#### Accessory Boards

The PD3 and PDSF are 8-zone distribution boards for use with the BN series of power supplies. The PD8 provides 8 constant power-limited outputs via individual PTCs for each output. The PDSF provides 8 constant non-power-limited outputs individually fused at 3A. One board may be mounted on the base supply via 4 standoffs and a pluggable harness. Additional boards may be mounted in the cabinet via standoffs and wiring harness. When a single PD8 or PDSF is used, the presence of the board can be supervised by placing the "SPV" jumper on the base supply to "AUX." Connection of more than one accessory board eliminates the supervision feature.

#### APDS and APDBF

The APDS and APDBF are UL294 Listed. They provide 8 active outputs for controlling locks and other accessories. They mount in cabinet via nylon standoffs.

#### EDB-10 and LDB-8

These boards provide 10 and 8 individual outputs, respectively, power-limited via individual PTCs for each output. Individual fuses for each output are also provided.

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 January 25, 2005, F.P. Index No. 0501038.

Recommendations - 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 Building Code, specifically Subchapter 17, and Reference Standard 17-3. Further, the use and installation shall be in accordance with the manufacture's recommendation, NFPA 72 and UL report (File S3584 Vol. I). The above

referenced products shall be used only with compatible, listed and approved control panels and access control units.

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 March 23, 2005  
Examined by Donald J. [Signature]