

NLSI-SUGGESTED SPD VENDOR SOURCES

Note: Select suppliers with care. Beware boastful statements.

1. **Entry (Main) & Branch (Secondary) Power Panel, described variously as:
IEEE Cat. C & B or NEC 285/IEC Type 1 (Supply Side) & NEC/
IEC Types 2&3 (Load Side) Locations.**

A. First Tier or equal SPDs Recommended per NLSI

MCG Surge
Schneider Electric
CITEL Inc.
Dehn

B. Second Tier or equal SPDs (Recommended from FAA Vendor List):

PowerLogics
Advanced Protection Technology (ATC)
Raychem Rayvoss
Eaton (Cutler Hammer)

2. **Plug-In Wall Outlet SPDs, described as IEEE Cat. C or NEC 285/IEC Type 3.
There are many vendors. For all such “power strip” or “plug-in” SPDs, select a
Joules (watt/seconds) rating with min. 3500J (more is better). Vendors must label
their equipment as compliant with most recent UL 1449, (4th Edition, 4.0) rating.**

3. **SPDs for Communications, Data and Signal Line Locations.**

Lightning Protection Corporation
CITEL
EDCO
Polyphaser
Telebyte
AllCom

4. **For Optical Isolators: B&B Electronics or equal.**

5. **For 5-Pin PBX: PortaSystems, Delta Protector**

6. **NOTES: DIN-Rail SPDs are acceptable, even preferred. Cabinet-type SPD
enclosures must not be encapsulated. Components must be visible for inspection.
Installation with short connecting leads with no tight bends are required per NEC
285. Diagnostic with audible alarms are suggested in addition to LEDs. All SPDs
should meet latest UL 1449 standard.
NLSI favors SPDs provided by specialty manufacturers. Apply SPDs to Branch
panels where critical operations warrant them, examples: ATS at generator; IT;
Security; outdoor lighting; fire alarm; other circuits where operational continuity is
essential.**