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
   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.