



Who we are....

ITW LINX develops Surge Protection and Connectivity Solutions for Telecommunications and Power Systems, designed to provide the suitable Electrical Environment that Protects, and Matches the Electrical Characteristics and Demands of Communications Networks, while at the same time enhancing Performance to the Highest Levels and Increasing System Reliability.

What we do....

Power & Protect, the Electrical and Communications Infrastructures and the equipment connected to them.

What is a Surge Protection Device?

Surge Protective Device (SPD) is a stand-alone protection module designed to protect sensitive electronic equipment and personnel from destructive transient over & under voltages originating from lightning strikes and other electrical disturbances.

Powering and Protecting Basic Rules

1. All equipment must be protected.
2. All power lines, communications/network/data cables entering or exiting the building must be protected.
3. All protected equipment must be grounded to a single **Ground**.

Basic Questions for Choosing Surge Protection

- 1). What kind of cable is being protected?
- 2.) What is the operating voltage running through the cable?
 - a. Less than 16V recommend CAT6-LAN
 - b. Less than 75V more than 16V recommend CAT6-75
- 3.) Less than 235V more than 75V recommend CAT6-235
- 4.) What kind of equipment are you protecting?
 - a. Data only? Recommend CAT6-LAN
 - b. POE? (all) Recommend CAT6-75
 - c. Analog? Recommend CAT6-235
- 5.) STANDARD PROTECTION MODULE TERMINATIONS
 - a. 110 punch down & RJ45
- 6.) Need (6) protectors or more?
 - a. RM12-MPVD (1U) Rackmount housing with Rack mount protectors.
 - b. RM6-MPVD Wall mount housing, also can be mounted on the side of a RACK for (0) Zero "U" also uses Rackmount protectors.

- 7.) How are the rackmount and standard modular protectors different?
- a. Clamping voltages come the same 16V (LAN), 75V, 235V
 - b. RJ45 termination only
 - c. Rackmount protectors are grounded in single position on the rackmount housings.
- 8.) Are you using AC Hardwired protection?
- 9.) Is there someone at ITW-LINX I can contact directly if I have a technical question?
- a. Yes!!!! ITW TECHNICAL SUPPORT (630) 315-2219 or techsupport@itwlinx.com

