

Surge-Trap[®] Protection

Surge Protection Devices

Mersen, an industry pioneer in surge protection technology, has developed a world-class suite of surge protection devices for your entire facility. Surge-Trap SPDs are designed to UL1449 3rd Edition standards and feature Mersen's industry leading patented TPMOV[®] technology inside. Providing advanced overvoltage protection to meet today's toughest requirements, you can rely on Mersen's Surge-Trap SPDs for proven and safe facility-wide protection.



Surge-Trap[®] Pluggable SPD

- Surge Protective Device featuring Mersen's patented TPMOV[®] technology with UL 1449 3rd Edition approval
- Two-piece design consists of a 35mm DIN-rail mountable base and plug designed to be easily replaced upon failure without touching the base or the hassle of re-wiring a completely new device
- 200kA SCCR rating, 20kA Nominal Discharge Current Rating



Surge-Trap[®] Modular SPD

- Surge Protective Device featuring Mersen's patented TPMOV[®] fail safe, no fuse technology
- Single piece, modular design is the original UL1449 3rd Edition approved 35mm DIN-rail mountable product in the Surge-Trap[®] Product line
- 200kA SCCR rating, 20kA Nominal Discharge Current Rating



Surge-Trap[®] Type 1 SPD

- Specifically designed to meet UL1449 3rd Edition standards featuring Mersen's industry leading patented TPMOV[®] technology
- Ideal for indoor commercial and residential applications
- Offers an economical replacement for secondary surge arrestors
- Installed either upstream or downstream of the load center



Surge-Trap[®] Type 1 X-Series SPD's

- Mersen's newest line of UL 1449 3rd Edition approved surge protection devices featuring Mersen's industry leading patented TPMOV[®] technology
- All products feature a NEMA 4X enclosure, suitable for both indoor and outdoor applications
- Installed line-side or load-side of the main disconnect



TPMOV[®]

- Industry leading Thermally Protected Metal Oxide Varistor (TPMOV) technology eliminates common destructive failure modes associated with standard MOV's
- Comprised of a voltage clamping device and a disconnecting apparatus that monitors the status of the metal oxide disk inside the TPMOV, the device is securely disconnected in the event of an overvoltage by an arc shield.
- Designed for a safe disconnect without causing equipment or facility damage as seen with previous generation and less sophisticated MOV's.



VSP MOV Protector Fuse

- Surge suppression fuse designed to address the protection of Surge Protection Device systems
- Specifically designs to withstand 8x20uSec surge pulses without opening, allowing the SPD system to react to the surge
- Under AC short circuit conditions, these fuses are extremely current limiting



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