

MERSEN

Expertise, our source of energy

SURGE-TRAP® SURGE PROTECTIVE DEVICES







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SURGE-TRAP STXH SERIES

- Compact footprint designed to mate with AC Disconnect Switches
- Ideal for HVAC and Residential applications
- Suitable for any 120/240VAC application



SURGE-TRAP STXR

- 50kA surge capacity
- ¾" threaded hub for mounting directly to panelboards
- The most popular NEMA-style SPD



SURGE-TRAP STXP

- 100kA surge capacity
- Includes female threaded hub and mounting feet for installation flexibility
- Includes phase loss detection



SURGE-TRAP STXT

- 200kA surge capacity
- Includes EMI/RFI filter, phase loss monitoring, visual and audible alarms
- For individual equipment and service entrance



SURGE-TRAP STZ

- Up to 450kA surge capacity
- Options include surge counter and disconnect switch
- Ideal for facility-wide protection



SURGE-TRAP STZ-R

- Up to 450kA surge capacity
- SPD for custom panel builders and integrators
- Removable and rotatable HMI for remote mounting



SURGE-TRAP STP SERIES (UL)

- Pluggable design allows for easier maintenance and replacement
- Ratings up to 600VAC, 1500VDC with or without remote indicator
- UL and CSA approved as Type 1 SPDs



SURGE-TRAP STP SERIES (IEC)

- IEC Type 1, 1+2, 2 and 2+3 for TT/TNS/TNC/IT earthing systems
- Devices include a combination of MOV and Gas Discharge Tube (GDT) technologies
- Some offerings are dual certified, UL/IEC



SURGE-TRAP STET AND STMT SERIES

- STET: Type 2+3 SPD with built-in EMI Filter
- STET: Series connection for applications up to 20A rated current
- STMT: Type 2+3 SPD offering very fine overvoltage protection



SURGE-TRAP STLB SERIES

- Universal, certified SPD designed for LED lighting applications
- Parallel or series connected device
- IEEE C62.41.2 Location Category: C-High 10kV/10kA



TPMOV® (THERMALLY PROTECTED MOV)

- Industry-leading patented Mersen technology eliminates common failure modes that occur in the field with standard metal oxide varistors
- Integrally fused, high energy device with built-in remote indication
- 50kA & 75kA options



VSP SERIES – SURGE RATED FUSES

- Designed specifically for protection of SPD systems to withstand 8x20 µSec surge pulses without opening, allowing the SPD system to react to the surge
- Current-Limiting, up to 600VAC, 200kA short-circuit current rating



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