



MERSEN
Expertise, our source of energy

SURGE-TRAP®
SURGE
PROTECTIVE
DEVICES



MERSEN SURGE-TRAP® SURGE PROTECTIVE DEVICES

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 SERIES

- 50kA surge capacity
- 3/4" threaded hub for mounting directly to panelboards
- The most popular NEMA-style SPD



SURGE-TRAP STXP SERIES

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



SURGE-TRAP STXT SERIES

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



SURGE-TRAP STZ SERIES

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



SURGE-TRAP STZ-R SERIES

- 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

- STMT: UL and CSA approved as Type 4CA SPDs designed for protection of sensitive controls, power supplies, and communication systems.
- STET: IEC Type 2+3 SPD with built-in EMI Filter



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
- 25kA (small footprint), 50kA (standard), and 75kA (robust) 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

