



**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
- ¾" 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 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 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



## 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

