



# More Economical Surge Protection Surge-Trap<sup>®</sup> Type 1 Protection

## Protecting equipment and facilities just got easier

Protecting your equipment and facility in today's tough economic environment is challenging. Mersen makes it easier with its economical surge protection solution — the new Surge-Trap Type 1 Surge Protective Device (SPD), offering fail-safe overvoltage protection with TPMOV<sup>®</sup> technology inside. The Surge-Trap Type 1 SPD does not require additional fuses, fuse holders, or wiring in meeting the UL 1449 Third Edition safety standard thus providing substantial cost savings and reduced installation time. Enjoy the fail-safe protection you need in one compact, self-sufficient, and affordable design.

## Applications that benefit from the new Surge-Trap Type 1 SPD

Control cabinets (CC), programmable logic controllers (PLC), electronic motor controllers, variable frequency drives, soft start motor controllers, equipment monitoring, panel meters, lighting circuits, security systems, medical equipment, industrial controls, overall building protection or system protection and residential applications.

Surge-Trap Type 1 SPD	Nominal Voltage (V ac)	Phase	Freq (Hz)	MCOV	I <sub>max</sub>	SCCR	Nominal Discharge Current (I <sub>n</sub> , kA)
STT21201PG	120	1	50/60	180	40 kA	200 kA	20
STT2240SPG	120/240	1S	50/60	180	40 kA	200 kA	20
STT22401PG	240	1	50/60	270/180	40 kA	200 kA	20
STT22083PYG	120/208	3Y	50/60	180	40 kA	200 kA	20
STT24803PYG	277/480	3Y	50/60	320	40 kA	200 kA	10
STT26003PYG	347/600	3Y	50/60	420	40 kA	200 kA	10
STT22403PDG	240	3D	50/60	270	40 kA	200 kA	20
STT24803PDG	480	3D	50/60	550	40 kA	200 kA	10

## What are you waiting for? Place an order and start saving today!

Other surge protective devices require additional fuses, fuse holders, and wiring in order to meet UL safety standards, costing your customer more money, valuable space in the cabinet and more installation time. Mersen's Surge-Trap Type 1 SPD is fail-safe and THE most economical solution. Give us a call and start saving today.

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Surge-Trap Type 1 SPD features include:

- UL 1449 3<sup>rd</sup> Edition Type 1 Listed
- No overcurrent protection device (fuses) required
- 200kA short circuit current rating
- Nominal discharge current (I<sub>n</sub>) of 20KA (10KA on select models)
- For indoor, NEMA 2 applications
- Economical replacement for the former Surge Arrestor category
- 2-year product warranty



**TPMOV<sup>®</sup>**  
TECHNOLOGY

FERRAZ SHAWMUT IS NOW MERSEN

**MERSEN**