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Mersen Introduces New USG Series Fuseholders with CAGE-CLAMP Technology!



New SPD Storage and Operating Temperature Range

It has been more than 10 years since Mersen delivered its ground-breaking and market-leading TPMOV[®] technology to the world. Today, TPMOV Technology is utilized in many of today's leading Surge Protection products.

Our goal remains the same today as it was ten years ago: to offer our customers a safe and reliable product with enough redundancy in its specification so as to provide increased life of the TPMOV in its intended applications.

Mersen initially published a conservative operating/storage temperature range for SPD of -20° C to +65°C. Following many successful years of product experience, testing, and customer feedback, we are formally announcing to all of our potential and existing customers that Mersen is, with immediate effect, extending the TPMOV temperature range to -40°C to +85°C. To validate this improved temperature range Mersen has conducted extensive testing and evaluations based upon the IEC 60691 standard which has determined the long term aging

Mersen is proud to introduce an exciting new product line expansion that will change the industry: the USG Series, UltraSafe[™] fuseholders with spring terminal CAGE CLAMP[®] technology. This screw-less, spring pressure, wire termination technology has over 25 years of field experience and acceptance and can reduce wire installation time and cost by up to 75%. **With this new offering, Mersen becomes the first manufacturer to offer spring terminal technology in a power fuseholder!**

Mersen's USG series fuseholders are an expansion of Mersen's popular, industry leading UltraSafe fuseholder family (including USM, USCC, US3J, US6J, US14, US22, US27 and USFM series products). The USG series delivers the ultimate ease-of-use, time (labor) savings to its customers. The CAGE CLAMP technology significantly improves system reliability by maintaining a very low contact resistance easily withstanding corrosion, vibration and temperature cycling. The technology also eliminates the need for routine torque maintenance required by standard screw-type terminations.

The USG series is available for class CC (USGCC), Midget (USGM) and Photovoltaic (USGM-HEL) fuses. All of the existing features of the original USM and USCC are included (IP20, DIN-rail, compact footprint, optional visual blown fuse indicator) as well as an additional set of product accessories.

USG fuseholders are tested and certified by global standards organizations Underwriters Laboratories (UL), Canadian Standards Association (CSA) and International Electrotechnical Commission (IEC).

Click [here](#) to go to the USG Series Product Page.
Click [here](#) to download the USG Series Advisor Page.

effect that temperature has on the Mersen TPMOV.

Ongoing PIQ Campaign – You Could win \$100!



Mersen's PIQ quizzes help people test their knowledge of electrical protection and give quiz takers a chance to win a \$100 gift card. Check out Mersen's latest PIQs:

[Understanding Conductor Sizing for Laminated Bus Bars:](#)
Take our PIQ Quiz to learn more about laminated bus bar solutions for power electronics protection.

[Solar Fuseholders Quiz:](#)
How much do you know about the solar energy industry? Take our PIQ Quiz to test your knowledge.

Click [here](#) to visit all Mersen's PIQ Quizzes as well as the library of archived quizzes.

Focus on STT4X: Surge-Trap® Type 1 Protection in a NEMA 4X enclosure

Mersen launched the Surge-Trap STT4X in August 2012. The new STT4X is electrically identical to the STT2 but has a NEMA 4X enclosure and is rated for outdoor use.

Surge-Trap STT4X features:

- Quick install, no overcurrent protection device (fuses) required
- 2-year product warranty
- NEMA 4X enclosure for outdoor and indoor applications
- 200kA short circuit current rating
- 20kA nominal discharge current
- UL 1449 3rd Edition Type 1 Listed
- Economical replacement for the former Surge Arrestor category

The STT4X is in stock and ready to ship!

Click [here](#) to go to the ST Type 1 Product Page.



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