



# Products that Increase Short Circuit Current Ratings (SCCR)

## Your UL508a Resource

Mersen offers products to help increase the Short Circuit Current Rating (SCCR) of your control panels! Look to Mersen for fuses, fuseholders, switches and power distribution blocks with the high ratings you need to protect your control panels.

### USFM - UltraSafe™ Fuse Modules

Featuring a unique, compact design suited for use with 45mm wide IEC contactors. These modules also offer other features not found on other Class CC and midjet UltraSafe fuse holders such as an auxiliary contact option. When the auxiliary is wired to an adjacent contactor the load is dropped out by the contactor immediately once someone tries to open the fuse extractor handle. Additionally, the fuse module features padlock capabilities, compact busbars for line side terminations, and tool free removal from DIN-rail. Yet the fuse modules still incorporate well known UltraSafe features such as IP20 protection, easy operating fuse extraction handles and an open fuse visual indication option.



### USCC & USM UltraSafe™ Fuseholders

Introducing a new level of safety for Class CC (USCC) and Midget 1-1/2" x 13/32" (USM) AC and DC-rated fuses up to 30 amperes. UltraSafe holders qualify as "Finger-safe" under IEC and DIN standards to an IP20 grade of protection, including fuse changing (with the flick of a finger). UltraSafe holders are available in 1, 2, 3 or 4 poles, with or without visual blown-fuse indicators in each pole. UltraSafe holders save up to 15% mounting space and any combination can be snapped onto 35mm DIN-rail for extra savings in panel building time. UltraSafe holders with Class CC fuses chosen for Type "2" No Damage protection give one of the safest protection packages in the industry.



### Amp-Trap 2000® Fuses

Mersen's Amp-Trap 2000 current-limiting fuses open in less than one-quarter cycle at fault currents up to 300kA, minimizing the let-thru current that flows downstream. The Amp-Trap 2000 fuse family includes Class L, Class J, Class RK1 and Class CC fuses in a wide range of amperages. Not only do Amp-Trap 2000 fuses save you from arc flash liability, they minimize the downtime that can diminish your productivity and profits. It is the solution you need to protect your complete low-voltage electrical system, from service entrance equipment to your smallest motors.



### FBJX Fuse Switches

The FBJX series of fused switches are built to last! They are listed to UL98 for "service entrance" applications and have a modular design, which allows for 2, 3, or 4-pole availability. We've beefed up the FBJX's mounting areas and added separate 14 AWG wire taps for parallel loads like control power transformers and/or surge protection. The gear box has a lock-out, tag-out provision, as well as a test position and can accept up to 2 auxiliary contacts. This new design is almost 2" narrower than the old style and new box terminals on the 100A mean you won't need to buy terminal lugs and shrouds!



### FSPDB Finger-Safe Power Distribution Blocks

The FSPDB aids in increasing SCCR when used with Amp-Trap 2000 Fuses. The FSPDB offers a new level of safety and ease for installing power distribution blocks. An IP20 level of finger-safe protection is achieved using FSPDBs, eliminating the need for special covers or custom Plexiglas sheets to protect your panels. FSPDBs (sizes 1 to 4) simply snap onto 35mm DIN-rail to provide the quickest installation. Modular design also allows for multi pole applications by use of assembly pins. FSPDBs provide a safe, convenient way of splicing cables, splitting primary power into a variety of secondary circuits or providing a fixed junction tap-off point.



Electricity runs the world. At Mersen, we keep it safe and reliable with a comprehensive range of products and services to protect your systems and the people who use them.  
*Explore what we can do for you!*

Any questions?

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