

UltraSafe™ Fuse Holders

The Safety Evolution Continues

PRODUCT GUIDE



FERRAZ SHAWMUT IS NOW MERSEN

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The Revolutionary Advantages

Mersen continues to lead the safety evolution with even more improvements to our popular UltraSafe™ Fuse Holders. Renowned throughout the industry for their forward-thinking design, UltraSafe Fuse Holders deliver more than “finger-safe” protection, they deliver the features both installers and end users demand, including:

Easy panel layout adjustments

Need to make room for another fuse holder or component? Simply unlatch the DIN-rail adapter, slide the holder to the desired position, and relock.

Totally modular

Use single or multiple poles. Or add poles in the field using a pin assembly kit to form any number of poles.

Flick-of-the-finger changeouts

A permanently attached, pivoting fuse door simplifies and speeds fuse extraction. No tools or accessories needed.

DIN-rail mounting

Integral design allows for quick and easy installations on 35mm DIN-rail. And our Class CC and Midget holders take up 15% less space than traditional holders.

At-a-glance open-fuse indication

A long-lasting, neon indicator light helps you identify the down circuit fast. So you can clear the problem, replace the fuse, and get back on-line fast.

Simplified wire terminations

Pressure plate terminals arrive backed out and ready to wire. Just insert the wire, tighten and go.

Runs cool

Our vented design provides adequate airflow around our US3J, US6J, US14 and US22 holders at all times.

UL, CSA, and CE compliance

USCC, US3J and US6J, models are UL Listed and CSA certified for branch circuit protection. USM, US14 and US22 models are UL Recognized and CSA Certified for supplementary and high speed protection. All UltraSafe Fuse Holders have a CE Mark for acceptance throughout the European community.

Lockout/tagout compliance

US14 and US22 fuse holders provide a lockable extraction door to meet OSHA requirements and prevent personnel from accidentally energizing equipment that is off-line for repairs or maintenance.



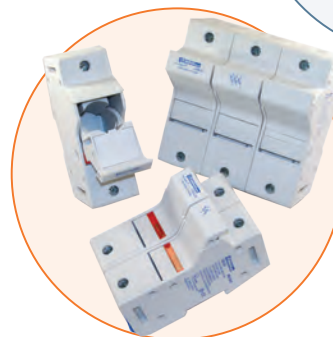
“. . . they deliver the features both installers and end users demand.”



USM - USCC



US14 - US22



US3J - US6J

Learn more about the UltraSafe Fuse Holders at:

Phone: 978-462-6662

Email: info.nby@mersen.com

Web: us-ferrashawmut.mersen.com

UltraSafe™ Series Nomenclature

| Description — Fuse Holders | For Use With 14 x 51mm Fuses | For Use With 22 x 58mm Fuses | For Use With Class CC Fuses | For Use With Midget Fuses | For Use With 30A J Fuses | For Use With 60A J Fuses |
|--|---------------------------------|---------------------------------|--------------------------------|---|-----------------------------|-----------------------------|
| 1 Pole | US141 | US221 | USCC1 | USM1 | US3J1 | US6J1 |
| 1 Pole with Indicator | US141I | US221I | USCC1I | USM1I | US3J1I | US6J1I |
| 1 Pole with Indicator 12 - 24VDC | — | — | USCC1I-DC24 | USM1I-DC24 | — | — |
| 1 Pole with Indicator 1000VDC | — | — | — | USM1I-DC1000 | — | — |
| 1 Pole with Microswitch | US141M | US221M | — | — | — | — |
| 1 Pole with Microswitch & Indicator | US141MI | US221MI | — | — | — | — |
| 2 Pole | US142 | US222 | USCC2 | USM2 | US3J2 | US6J2 |
| 2 Pole with Indicator | US142I | US222I | USCC2I | USM2I | US3J2I | US6J2I |
| 2 Pole with Microswitch | US142M | US222M | — | — | — | — |
| 2 Pole with Microswitch & Indicator | US142MI | US222MI | — | — | — | — |
| 3 Pole | US143 | US223 | USCC3 | USM3 | US3J3 | US6J3 |
| 3 Pole with Indicator | US143I | US223I | USCC3I | USM3I | US3J3I | US6J3I |
| 3 Pole with Microswitch | US143M | US223M | — | — | — | — |
| 3 Pole with Microswitch & Indicator | US143MI | US223MI | — | — | — | — |
| 3 Pole with 2 Microswitches | US143M2 | US223M2 | — | — | — | — |
| 3 Pole with 2 Microswitches & Indicator | US143M2I | US223M2I | — | — | — | — |
| 3 Pole with a Fourth Neutral Pole | — | — | USCC3N | USM3N | — | — |
| 3 Pole with Indicators and a Fourth Neutral Pole | — | — | USCC3IN | USM3IN | — | — |
| 4 Pole | — | — | USCC4 | USM4 | — | — |
| 4 Pole with Indicator | — | — | USCC4I | USM4I | — | — |
| 1 Pole with Integral Neutral Link | US14N | US22N | — | USN | US3JN | US6JN |
| Accessories for Assembling Multiple Poles | US14 Series | US22 Series | USCC Series | USM Series | US3J Series | US6J Series |
| Multi-Pole Assembly Kit | US14PAK | US22PAK | USPTH | USPTH | US3JPAK | US6JPAK |
| Microswitch for Single Pole | US14S1P | US22S1P | — | — | — | — |
| Microswitch for 3 Pole | US14S3P | US22S3P | — | — | — | — |
| 2 Microswitches for 3 Pole | US14S3P2 | US22S3P2 | — | — | — | — |
| Specifications | US14 Series | US22 Series | USCC Series | USM Series | US3J Series | US6J Series |
| Voltage AC | 750V | 750V | 600V | 600V* | 600V | 600V |
| Special Indicator Voltage DC | — | — | 24V | 24V or 1000V | — | — |
| Amperage | 50A | 125A | 30A | 30A | 30A | 60A |
| Withstand Rating (RMS Symetrical) | 200,000A | 200,000A | 200,000A | 100,000A | 200,000A | 200,000A |
| Termination Screw Type | Phillips/Slot Screw | Phillips/Slot Screw | Phillips/Slot Screw | Phillips/Slot Screw | Phillips/Slot Screw | Phillips/Slot Screw |
| Suggested Torque (lbs-in) | 35 | 45 | 14.75 | 14.75 | 35 | 45 |
| Termination Type | Pressure Plate | Pressure Plate | Pressure Plate | Pressure Plate | Pressure Plate | Pressure Plate |
| Wire Range (Solid/Stranded CU) | #2 - #14 | #1/0 - #14 | #6 - #14 | #6 - #14 | #2 - #14 | #2 - #14 |
| Load Break Disconnect | No | No | No | No | No | No |
| Agency Approvals | US14 Series | US22 Series | USCC Series | USM Series | US3J Series | US6J Series |
| UL 4248, Guide IZLT, File E52283 (Listed) | — | — | Yes | — | Yes | Yes |
| UL 4248, Guide IZLT2, File E52283 (Recognized) | Yes | Yes | — | Yes | — | — |
| CSA C22.2, Class 6225, File 32169 | Yes | Yes | Yes | Yes | Yes | Yes |
| IEC 269 | Yes | Yes | — | Yes | Yes | Yes |
| UltraSafe Fuse Holders will Accommodate the Following Mersen Fuses: | US14 Series | US22 Series | USCC Series | USM Series | US3J Series | US6J Series |
| UltraSafe Fuse Holders will Accommodate the Following Mersen Fuses: | A70QS, A70P, URC, URD, A30QS | A70QS, URD | ATDR, ATMR, ATQR | ATM, OTM, TRM, ATQ, A60Q-2, A15QS, A13X-2, A25X-2, DCT-2, HP6M, HP10M | AJT, A4J, HSJ | AJT, A4J, HSJ |

* USM without indicator is rated 800VAC / 1000VDC



MERSEN
Expertise, our source of energy

A WORLD LEADER
 in safety & reliability
 for electrical power.

A GLOBAL PLAYER

Since its foundation in 1892, MERSEN has built an international reputation by creating subsidiaries on all continents. Today with industrial and commercial plants scattered in more than 30 countries, agencies

and representatives in more than 70 countries and 250 commercial contacts throughout the world, MERSEN offers its customers everywhere reliable, high technology products and services backed by its expert technicians.

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