



MERSEN
Expertise, our source of energy

THE SAFETY EVOLUTION
CONTINUES

ULTRASAFE™ FUSE HOLDERS



ULTRASAFE™ FUSE HOLDERS 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:

Enhanced Safety: Touch-safe designs prevent shock hazards and protect installers, users, and maintenance personnel.

Labor Saving flick-of-the-finger changeouts: A permanently attached, pivoting fuse door simplifies and speeds fuse extraction. No tools or accessories needed.

Simplified wire terminations: Pressure plate terminals arrive backed out and ready to wire. Just insert the wire, tighten and go. Spring terminals, found on USGM and USGCC series fuse holders offer ease-of-use, labor savings and secure connections.

Global Certifications: UL, CSA and IEC certifications appear on all products where applicable making them suitable for use around the world.

DIN-rail mounting: Integral design allows for quick and easy installations on 35mm DIN-rail.

Easy panel layout adjustments: Need to make room for another fuseholder 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.

At-a-glance open-fuse indication: A long-lasting indicator light helps you identify the down circuit fast. So you can clear the problem, replace the fuse, and get back on-line fast.

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



USGM - USGCC

Learn more about UltraSafe Fuse Holders:

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US AND USG SERIES FOR MIDGET (10X38 MM) AND CLASS CC FUSES

Mersen UltraSafe modular USM/USCC and USGM/USGCC fuse holders deliver a new level of safety and ease-of-use for Class CC and Midget fuses up to 30 amperes. Choose class CC fuses for Type “2” no-damage protection, one of the safest protection packages in the industry. Available with screw pressure plate terminals (US) or CAGE CLAMP® spring terminal technology (USG).



CERTIFICATIONS

- UL Listed to standard 4248-4 (class CC) and 4248-1 (Midget), File E52283
- UL Listed to standard 4248-18 (Photovoltaic), File E347822
- CSA Certified C22.2, Class 6225, File 32169
- IEC Compliant to 60269-2-1, 60947-3 (Midget only)

RECOMMENDED FUSES

- Midget Class - ATM, ATQ, TRM, OTM, DCT-2, A60Q-2, FSM, GGU, GFN, SBS
- Class CC - ATDR, ATQR, ATMR
- Photovoltaic - HP6M, HP10M

Fuse Type	Ampere Rating	SCCR	Voltage Rating		Visual Indication	No. of Poles	Screw Terminal Catalog Number	Spring Terminal Catalog Number
			AC	DC				
Class CC	30	200kA	600	600	No	1	USCC1	USGCC1
						2	USCC2	USGCC2
						3	USCC3	USGCC3
						4	USCC4	USGCC4
						3+N	USCC3N	USGCC3N
			600	600	Yes	1	USCC1I	USGCC1I
						2	USCC2I	USGCC2I
						3	USCC3I	USGCC3I
						4	USCC4I	USGCC4I
-	24	Yes	1	USCC1I-DC24	USGCC1I-DC24			
Midget (10 x 38mm) (1-1/2" x 13/32")	30	100kA	750	1000	No	1	USM1	USGM1
						2	USM2	USGM2
						3	USM3	USGM3
						4	USM4	USGM4
						3+N	USM3N	USGM3N
						600	600	Yes
			2	USM2I	USGM2I			
			3	USM3I	USGM3I			
			4	USM4I	USGM4I			
			3+N	USM3IN	USGM3IN			
			-	24	Yes			
			Photovoltaic Midget	32	100kA	-	1000	No
Yes	USM1IHEL	USGM1IHEL						

US3J AND US6J SERIES FOR 30A AND 60A CLASS J FUSES

Mersen UltraSafe modular US3J and US6J fuse holders deliver a new level of safety and ease-of-use for class J fuses up to 60 amperes. The US3J accommodates 30A class J or IEC cylindrical 22x58 mm fuses. The US6J accommodates 60A Class J or IEC cylindrical 27x60 mm fuses.



CERTIFICATIONS

- UL Listed to standard 4248-8, File E52283
- CSA Certified C22.2, Class 6225, File 32169
- IEC Compliant to 60269-2-1, 60947-3



RECOMMENDED FUSES

- Class J - AJT, A4J, HSJ

Fuse Type	Ampere Rating	SCCR	Voltage Rating		Visual Indication	No. of Poles	Catalog Number
			AC	DC			
Class J	30	200kA	600	600	No	1	US3J1
						2	US3J2
						3	US3J3
						N	US3JN
					Yes	1	US3J1I
						2	US3J2I
	60	200kA	600	600	No	1	US6J1
						2	US6J2
						3	US6J3
						N	US6JN
					Yes	1	US6J1I
						2	US6J2I
					3	US6J3I	

UltraSafe fuse holders deliver enhanced safety, labor savings, and ease of use



US14, US22 AND US27 FOR IEC CYLINDRICAL 14X51, 22X58, AND 27X60 MM FUSES

Mersen UltraSafe modular US14, US22 and US27 fuse holders deliver a new level of safety and ease-of-use for IEC cylindrical fuses. The US14, US22 and US27 accommodate 14x51mm, 22x58mm and 27x60mm IEC cylindrical fuses. These fuse holders come standard with a mechanical indicator that indicates fuse presence. If a fuse with a mechanical striker is used, the fuse holders mechanical indicator will also indicate a blown fuse. Microswitches can be supplied with the fuse holders if desired to allow for remote blown fuse indication. These fuse holders also feature padlocking capabilities.



CERTIFICATIONS

- UL Recognized Component to standard 4248-1, File E52283
- CSA Certified C22.2, Class 6225, File 32169
- IEC Compliant to 60269-2-1, 60947-3



RECOMMENDED FUSES

- 14x51 mm – A30QS, A50P, A70QS, A70P, URC, URD, gl-gG
- 22x58 mm – A15QS, A50P, A70QS, URD, gl-gG, aM
- 27x60 mm – URGD, URB, URS, URQ, gRB, aM

Fuse Type	Ampere Rating	SCCR	Voltage Rating		Visual Indication	No. of Poles	Catalog Number	Catalog Number w / Microswitch	Catalog Number w / 2 Microswitch
			AC	DC					
14x51mm	50	200kA	750	750	No	1	US141	US141M	-
						2	US142	US142M	-
						3	US143	US143M	US143M2
						N	US141N	-	-
					Yes	1	US141I	US141MI	-
						2	US142I	US142MI	-
						3	US143I	US143MI	US143M2I
22x58mm	125	200kA	750	750	No	1	US221	US221M	-
						2	US222	US222M	-
						3	US223	US223M	US223M2
						N	US22N	-	-
					Yes	1	US221I	US221MI	-
						2	US222I	US222MI	-
						3	US223I	US223MI	US223M2I
27x60mm	150	100kA	800	800	No	1	-	US271	-
						2	-	US272	-
						3	-	US273	-
						N	-	US27N	-
					Yes	1	-	US271I	-
						2	-	US272I	-
						3	-	US273I	-



MERSEN IS A GLOBAL EXPERT
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