

USCC & USM UltraSafe™ Fuseholders

UltraSafe modular fuse holders for midget and class CC fuses

Mersen UltraSafe Modular Fuse Holders introduce 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. Multi-pole units can also be field assembled by ordering pin-tie handles.

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. UltraSafe body material is tough and durable polyamide, with exceptional insulating properties.

Highlights:

- IP20 Finger-Safe (touch safe)
- Optional visual blown fuse Indicator lights
- DIN-rail mounting
- Compact footprint
- Quick, tool-free, easy fuse change outs

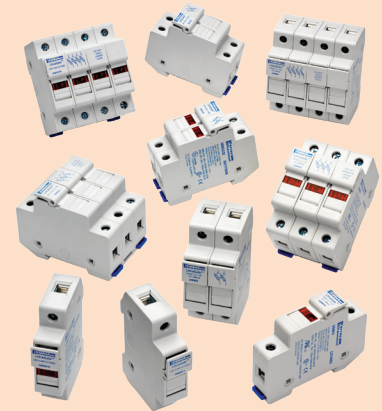
Applications:

- All circuits up to 600 volts for motors, control circuits, transformers, etc...
- DC circuits up to 1000VDC including photovoltaic applications
- Non-load disconnect

Recommended Fuse Usage:

- USM use with:
ATQ, ATM*, A6Y-2B, A25Z-2, TRM, OTM, A13X-2, A60Q-2, DCT*, HP6M, HP10M
- USCC use with:
ATDR, ATMR*, ATQR

* Recommended for DC applications



Ratings:

USM (Midget 10x38mm Fuses)

Volts : 800VAC Maximum
: 1000VDC Maximum

Amps : 30A Maximum

SCCR : 100kA

USCC (Class CC Fuses)

Volts : 600VAC / DC Maximum

Amps : 30A Maximum

SCCR : 200kA

Min. voltage to operate indicator light: 90VAC, 115VDC [Less than 0.7 mA leakage current at 600V]

Approvals:

USM (Midget 10x38mm Fuses)

- UL Recognized Component, guide IZLT2, File E52283
- CSA Certified C22.2, class 6225 File 32169 (750VAC, 30A)
- IEC Compliant (690VAC, 32A)

USCC (Class CC Fuses)

- UL Listed, guide IZLT, File E52283
- CSA Certified C22.2, class 6225 File 32169 (600VAC, 30A)



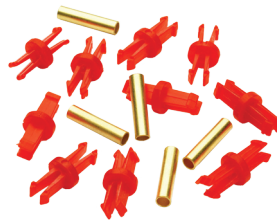
USCC & USM UltraSafe™ Fuseholders

Catalog Numbers and Descriptions:

Catalog No. W/O Indicator	Catalog No. w/ Indicator	Description	Fuse Type	Voltage Rating		Ampere Rating	No. of Poles	Certifications
				AC	DC			
USCC1	USCC1I	1-Pole Class CC UltraSafe Fuse Holder	Class CC	600V	600V	30A	1	UL Listed CSA Certified
USCC2	USCC2I	2-Pole Class CC UltraSafe Fuse Holder					2	
USCC3	USCC3I	3-Pole Class CC UltraSafe Fuse Holder					3	
USCC4	USCC4I	4-Pole Class CC UltraSafe Fuse Holder					4	
USCC3N	USCC3IN	3-Pole + N Class CC UltraSafe Fuse Holder					4	
Special Indicator Versions	USCC1I-AC120	USCC1I with 120VAC indicator					1	
	USCC1I-AC300	USCC1I with 300VAC indicator					1	
	USCC1I-DC24	USCC1I with 24VDC indicator	1					
USM1	USM1I	1-Pole Midget UltraSafe Fuse Holder	Midget (10 x 38mm) (1-1/2" x 13/32")	800V*	1000V*	30A	1	UL Recognized CSA Certified IEC Certified
USM2	USM2I	2-Pole Midget UltraSafe Fuse Holder					2	
USM3	USM3I	3-Pole Midget UltraSafe Fuse Holder					3	
USM4	USM4I	4-Pole Midget UltraSafe Fuse Holder					4	
USM3N	USM3IN	3-Pole + N Midget UltraSafe Fuse Holder					4	
Special Indicator Versions	USM1I-AC120	USM1I with 120VAC indicator					1	
	USM1I-DC24	USM1I with 24VDC indicator					1	
	USM1I-DC1000	USM1I with 1000VDC indicator	1					

* Catalog Numbers with Indicators are rated 600VAC / 600VDC unless otherwise noted.

Accessories Catalog No.	Description
USN	1-Pole with Integral Neutral Link
USPTH	Pin-tie Accessory for 12-Poles
US12PJMP	12-pole Jumper Bar
TBB1A	1-Phase Input Power Terminal
TBB1C	1-Phase Input Power Terminal Right Angle



USPTH Pin-Tie Accessory



USM1 with USPTH Pin-Ties

Additional Specifications:

Terminal screws: Phillips/slot head

Suggested screw torque: 14.75 in-lbs.

Connector type: Pressure plate

Wire range: #6 to #14 (solid/stranded Cu)

Load-break disconnect: No

Dimensions

Dimension	mm	In	Dimension	mm	In
A	17.5	0.69	G	78.0	3.07
B	35.0	1.38	H	59.0	2.32
C	52.5	2.07	I	42.5	1.67
D	70.0	2.76	J	5.0	0.20
E	78.0	3.07	K	45.0	1.77
F	2.5	0.10			

