

USCC - Class CC

UltraSafe™ Fuse Holders

FUSE BLOCKS & HOLDERS

ULTRASAFE MODULAR FUSE HOLDERS FOR CLASS CC FUSES



FB

Mersen USCC Series UltraSafe Modular Fuse holders introduce a new level of safety for Class CC 1-1/2" x 13/32" 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.

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:

- **USCC use with:** ATDR, ATMR*, ATQR

* Recommended for DC applications

RATINGS:

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]*

HIGHLIGHTS:

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

APPROVALS:

USCC:

- UL Listed to Standard 4248-4, File E52283
- CSA File No. 032169, Class 6225-01
- IEC 60269-2-1 and 60947-3 Compliant



ADDITIONAL SPECIFICATIONS:

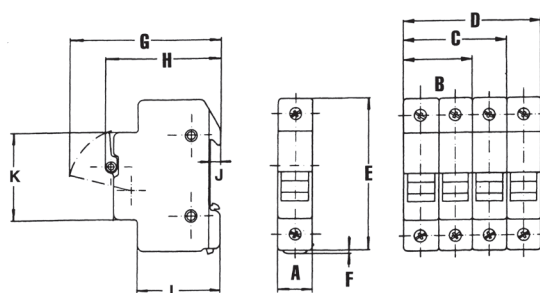
- **Terminal screws:** Phillips/slot head
- **Suggested screw torque:** 14.75 in-lbs.
- **Wire range:** #14 to 6 AWG (2.5 to 16mm²) single conductor; #14 to 10 AWG (2.5 to 5.0 mm²) dual conductor
- **Wire type:** 60/75/90°C solid/stranded copper
- **Connector type:** Pressure plate
- **Load-break disconnect:** No
- **Environmental:** RoHS compliant, lead free
- **Operating temperature:** -40° to 85°C
- **Watts loss:** 3W or less
- **Flammability rating:** UL 94-V0
- **Optional Blown Fuse Indicator Lens Color:** Red

CATALOG NUMBERS:

Fuse Type	Ampere Rating	Voltage Rating		Visual Indication	No. of Poles	Catalog Number
		AC	DC			
Class CC	30	600	600	No	1	USCC1
	30	600	600	No	2	USCC2
	30	600	600	No	3	USCC3
	30	600	600	No	4	USCC4
	30	600	600	No	3+N	USCC3N
	30	600	600	Yes	1	USCC1I
	30	600	600	Yes	2	USCC2I
	30	600	600	Yes	3	USCC3I
	30	600	600	Yes	4	USCC4I
	30	600	600	Yes	3+N	USCC3IN
	30	120	-	Yes	1	USCC1I-AC120
	30	300	-	Yes	1	USCC1I-AC300
	30	-	24	Yes	1	USCC1I-DC24

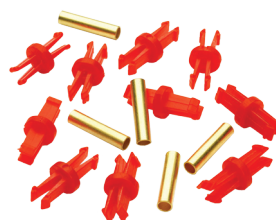
DIMENSIONS

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			



CATALOG NUMBERS—
ACCESSORIES:

Accessories Catalog No.	Description
USN	1-Pole with Intergral Neutral Link
USPTH	Pin-tie Accessory for 12-Poles



USPTH Pin-Tie Accessory



UltraSafe fuse holder with USPTH Pin-Ties