

USCC & USM

24, 48 & 600 VOLT/ULTRASAFE™ FUSEHOLDERS



ULTRASAFE MODULAR FUSE HOLDERS

Ferraz Shawmut UltraSafe™ modular 24, 48 and 600 volt Fuse Holders introduce a new level of safety for Class CC (USCC) and Midget 1-1/2" x 13/32" (USM) as well as 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 blown-fuse indicators in each pole. AC indicators are orange and DC are red. The multi-pole units can also be made up by ordering pin-tie handles for field assembly. 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" protection give one of the safest protection packages in the industry. UltraSafe body material is tough and durable polyamide, with exceptional insulating properties.

HIGHLIGHTS:

- Finger-Safe
- Optional Indicator Lights
- DIN Rail Mount
- Compact Footprint
- Quick, Easy Fuse Change

APPLICATIONS:

- All circuits up to 600 volts for motors, control circuits, transformers, etc.
- Non-load disconnect
- 12, 24 and 48 volt DC circuits
- 600 VDC and 1000VDC ratings for PV applications

RECOMMENDED FUSE USAGE

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

USM use with **ATQ, ATM*, A6Y-2B, A25Z-2, TRM, OTM, A13X-2, A60Q-2, DCT***

* Recommended for DC Applications

Ratings

- 600VAC/DC, 30A
Min. voltage to operate indicator light:
90VAC
[Less than 0.7 mA leakage current at 600V]
- Special Indicator for 24VDC, 30A
- Special Indicator for 48VDC, 30A
- Short Circuit Current Rating: Class CC 200kA, Midget Fuse 100kA
- 800VAC, 1000VDC
30A ratings on USM without indicators

Approvals

- All Ultrasafe Fuse Holders meet the requirements of UL512
- UL Listed Class CC Guide IZLT, File E52283
- UL Recognized Component Midget Guide IZLT2, File E52283
- CSA Certified Class CC & Midget C22.2, Class 6225 File 32169
- IEC 269 690VAC, 32A Midget version only.



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For use with Class CC Fuses

CATALOG NO.	DESCRIPTION
USCC1	1 pole
USCC11	1 pole with indicator
USCC2	2 pole
USCC21	2 pole with indicators
USCC3	3 pole
USCC31	3 pole with indicators
USCC31N	3 pole with indicators and a 4th neutral pole
USCC3N	3 pole with a 4th neutral pole
USCC4	4 pole
USCC41	4 pole with indicators

For use with Midget (1-1/2" x 13/32") Fuses

USM1	1 pole
USM11	1 pole with indicator
USM2	2 pole
USM21	2 pole with indicators
USM3	3 pole
USM31	3 pole with indicators
USM31N	3 pole with indicators and a 4th neutral pole
USM3N	3 pole with a 4th neutral pole
USM4	4 pole
USM41	4 pole with indicators

Special Indicator Options For use with Low Voltage DC Rated Class CC & Midget Fuses

Neutral Link Pole

USN	1 Pole with Integral Neutral Link
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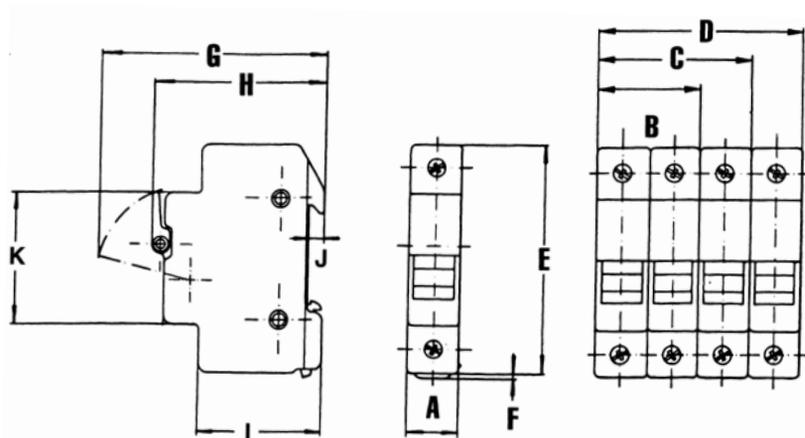
Accessories

USPTH2	Pin-tie handle for 2 poles
USPTH3	Pin-tie handle for 3 poles
USPTH4	Pin-tie handle for 4 poles

PART NUMBER	INDICATOR TYPE	OPERATING VOLTAGE	LEAKAGE CURRENT
USM11-DC24	LED	12 to 24 VDC	10mA max. (@24vdc)
USM11-DC24P	LED	20 to 24 VDC	1mA max. (@24vdc)
USM11-DC48	LED	35 to 48 VDC	10mA max. (@48vdc)
USCC11-DC24	LED	12 to 24 VDC	10mA max. (@24vdc)
USCC11-DC48	LED	35 to 48 VDC	10mA max. (@48vdc)

Dimensions

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



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