



Gears & Fuse Gears

American General Purpose Fuses UltraSafe Range USCC - USM - for Class CC and Midget Fuses

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.

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 60269 690VAC, 32A Midget version only.



Ratings

- USCC: 600VAC/30A
- USM: - 800VAC/1000VDC 30A as per UL 512
- - 690VAC/32A as per IEC 60269-2
- - 750VAC/32A as per CSA 22-2
- Special Indicator for 24VDC, 30A
- Special Indicator for 48VDC, 30A
- Withstand rating:
 - Class CC 200kA I.R.
 - Midget Fuse 100kA I.R.
- Min. voltage to operate indicator light: 90VAC (less than 0.7 mA leakage current at 600V)

Highlights

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

Recommendes fuse usage

- USCC use with ATDR*, ATMR, ATQR
- USM use with ATQ, ATM*, A6Y-2B, A25Z-2, TRM, OTM, A13X-2, GFN, GGU, A60Q-2

* Recommended for DC Applications

Applications:

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

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Ultrasafe Modular Fuse Holders For use with Class CC Fuses

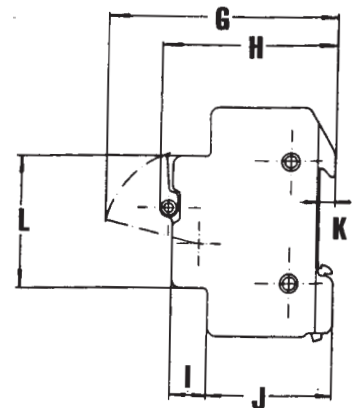
Cat. Number	Ref. Number	Description
USCC1	B213441	1 pole
USCC1I	X213943	1 pole with indicator
USCC2	P216489	2 pole
USCC2I	D217008	2 pole with indicators
USCC3	M217522	3 pole
USCC3I	Y218038	3 pole with indicators
USCC3IN	N219593	3 pole with indicators and a 4th neutral pole
USCC3N	G222048	3 pole with a 4th neutral pole
USCC4	Q222792	4 pole
USCC4I	E223311	4 pole with indicators

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	12.5	0.49
J	42.5	1.67
K	5.0	0.20
L	45.0	1.77

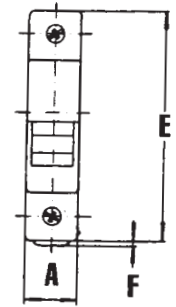
For use with Midget (1-1/2" x 13/32") Fuses

Cat. Number	Ref. Number	Description
USM1	Y213944	1 pole
USM1I	L214462	1 pole with indicator
USM2	N217523	2 pole
USM2I	Z218039	2 pole with indicators
USM3	C218548	3 pole
USM3I	Y219073	3 pole with indicators
USM3IN	P219594	3 pole with indicators and a 4th neutral pole
USM3N	H222049	3 pole with a 4th neutral pole
USM4	R222793	4 pole
USM4I	F223312	4 pole with indicators



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

Catalog Number	Reference Number	Indicator type	operating Voltage	leakage Current
USM1I-DC24	T215987	LED	12 to 24 VDC	10mA max. (@24vdc)
USM1I-DC24P	Q216490	LED	20 to 24 VDC	1mA max. (@24vdc)
USM1I-DC48	E217009	LED	35 to 48 VDC	10mA max. (@48vdc)
USCC1I-DC24	P215477	LED	12 to 24 VDC	10mA max. (@24vdc)
USCC1I-DC48	S215986	LED	35 to 48 VDC	10mA max. (@48vdc)

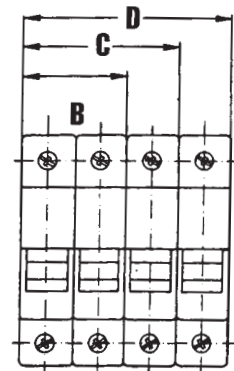


Neutral Link Pole

Cat. Number	Ref. Number	Description
USN	W201131	1 Pole with Integral Neutral Link

Accessories

Cat. Number	Ref. Number	Description
USPTH2	F201646	Pin-tie handle for 2 poles
USPTH3	C205047	Pin-tie handle for 3 poles
USPTH4	P211383	Pin-tie handle for 4 poles



Terminal screws: Phillips/slot head
Suggested screw torque: 14.75 in-lbs. (2N.m)

Connector type: Pressure plate

Wire range: 2mm² to 10 mm² - #6 to #14 (solid/stranded Cu)

Load-break disconnect: No