

USCC & USM

ULTRASAFE™ FUSEHOLDERS



ULTRASAFE MODULAR FUSE HOLDERS

Ferraz Shawmut 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

Ratings

- **USM** (10x38mm, Midget Fuses)
800VAC / 1000VDC, 30A (non-indicating versions)
600VAC / 600VDC, 30A (indicating versions)
Short Circuit Current Rating: 100kA
Special indicators available for 24VDC, 120VAC and 1000VDC
- **USCC** (Class CC Fuses)
600VAC / 600VDC, 30A
Short Circuit Current Rating: 200kA
Special indicators available for 24VDC, 120VAC and 300VAC

Recommended Fuse Usage

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

* Recommended for DC Applications

Approvals

All UltraSafe fuse holders meet the requirements of UL4248 (formally UL512)
CSA Certified C22.2, Class 6225, File 32169
IEC Compliant 60269-1

- **USM** (Midget, 10x38mm, 1-1/2" x 13/ 32")
UL Recognized Component, Guide IZLT2, File E52283
CSA Certified 750VAC, 30A
IEC Compliant 690VAC, 32A
- **USCC** (UL Class CC)
UL Listed, Guide IZLT, File E52283
CSA Certified, 600V, 30A



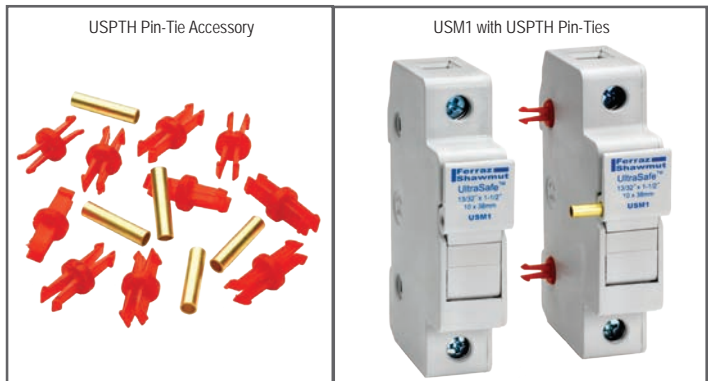
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| Catalog Number W/O Indicator | Catalog Number W/ Indicator | Description | Fuse Type | Voltage Rating | | Ampere Rating | No. of Poles | Certifications |
|------------------------------|-----------------------------|---|--|----------------|--------|---------------|--------------|---------------------------------------|
| | | | | AC | DC | | | |
| USCC1 | USCC1I | 1-Pole Class CC UltraSafe Fuse Holder | Class CC | 600V | 600V | 30A | 1 | UL Listed CSA |
| 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 | | 120 | - | 1 | | |
| | USCC1I-AC300 | USCC1I with 300VAC indicator | | 300 | - | 1 | | |
| | USCC1I-DC24 | USCC1I with 24VDC indicator | | - | 24 | 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 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 | | 120 | - | 1 | | |
| | USM1I-DC24 | USM1I with 24VDC indicator | | - | 24 | 1 | | |
| | USM1I-DC1000 | USM1I with 1000VDC indicator | | - | 1000 | 1 | | |

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

| Accessories Catalog Number | Description |
|----------------------------|-----------------------------------|
| USN | 1-Pole with Integral Neutral Link |
| USPTH | Pin-Tie Accessory for 12-Poles |

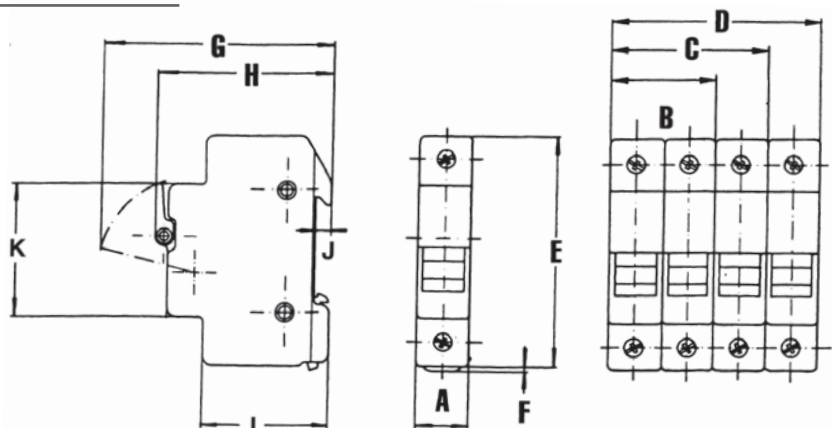


Additional Specifications

- 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 |
|-----------|------|------|
| 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 |



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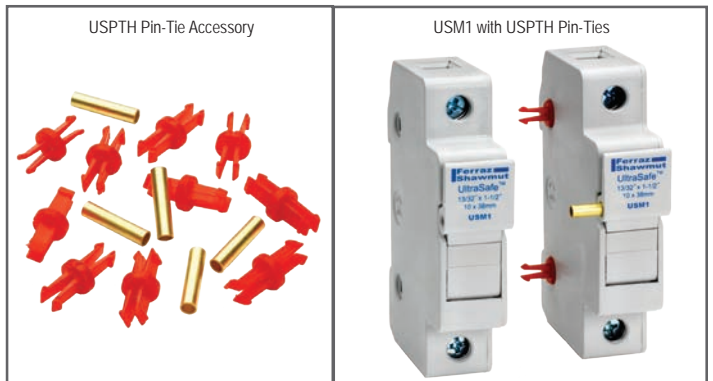
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| USCC3N | USCC3IN | 3-Pole + N Class CC UltraSafe Fuse Holder | | 4 | | | | |
| Special Indicator Versions | USCC1I-AC120 | USCC1I with 120VAC indicator | | 120 | - | 1 | | |
| | USCC1I-AC300 | USCC1I with 300VAC indicator | | 300 | - | 1 | | |
| | USCC1I-DC24 | USCC1I with 24VDC indicator | - | 24 | 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 IEC Certified |
| USM2 | USM2I | 2-Pole Midget UltraSafe Fuse Holder | | | | | 2 | |
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| 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 | | 120 | - | 1 | | |
| | USM1I-DC24 | USM1I with 24VDC indicator | | - | 24 | 1 | | |
| | USM1I-DC1000 | USM1I with 1000VDC indicator | - | 1000 | 1 | | | |

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

| Accessories Catalog Number | Description |
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| USN | 1-Pole with Integral Neutral Link |
| USPTH | Pin-Tie Accessory for 12-Poles |



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