

Special Purpose UltraSafe™ Fuse holders USGM-HEL

Innovative UltraSafe™ fuse holders with screw-less, spring pressure, wire termination technology.

Mersen's new USGM-HEL fuse holders deliver the ultimate ease-of-use, time (labor) saving and reliable solution available in the marketplace. Mersen is the first manufacturer to offer screw-less, spring pressure, wire termination technology into a power fuse holder, delivering the best of both technologies of its customers.

Now you can experience the combined benefits of safety, ease-of-use, labor savings and reliability of UltraSafe™ fuse holders and spring pressure technology.



Applications

- All circuits up to 1000VDC for PV applications
- Non load disconnect

Benefits

- Equipped with industry proven, patented WAGO CAGE CLAMP® technology (over 25 year of field experience and acceptance)
- Reduce wire installation time by up to 75%
- Highly reliable, maintenance free wire contact
- Secure, vibration proof, corrosion resistant, temperature cycling resistant, cost saving wire connection
- Quick, tool-free, easy fuse change-outs
- IP20 finger-safe protection
- Option visual blown fuse indicator
- DIN-rail mounting
- Compact footprint
- Environmentally conscious, RoHS compliant and lead free

| No. of Poles | Rated Voltage (V) | Visual Indication | Catalog Number | Reference Number |
|--------------|-------------------|-------------------|----------------|------------------|
| 1 | 1000VDC | No | USGM1HEL | P1022294 |
| | | Yes | USGM1IHEL | N1022293 |

Recommended fuse usage

USGM-HEL use with Photovoltaic fuse-links: HP6M, HP10M

Ratings

Midget 10x38 fuse-links
1000VDC max
30A max
SCCR: 100kA DC

Approvals

IEC 60947-3 Compliant
UL Listed to Standard 4248-1 (Midget fuses) File E52283
UL Listed to Standard 4248-18 (Photovoltaic) File E347822
CSA Certified C22.2
RoHS compliance

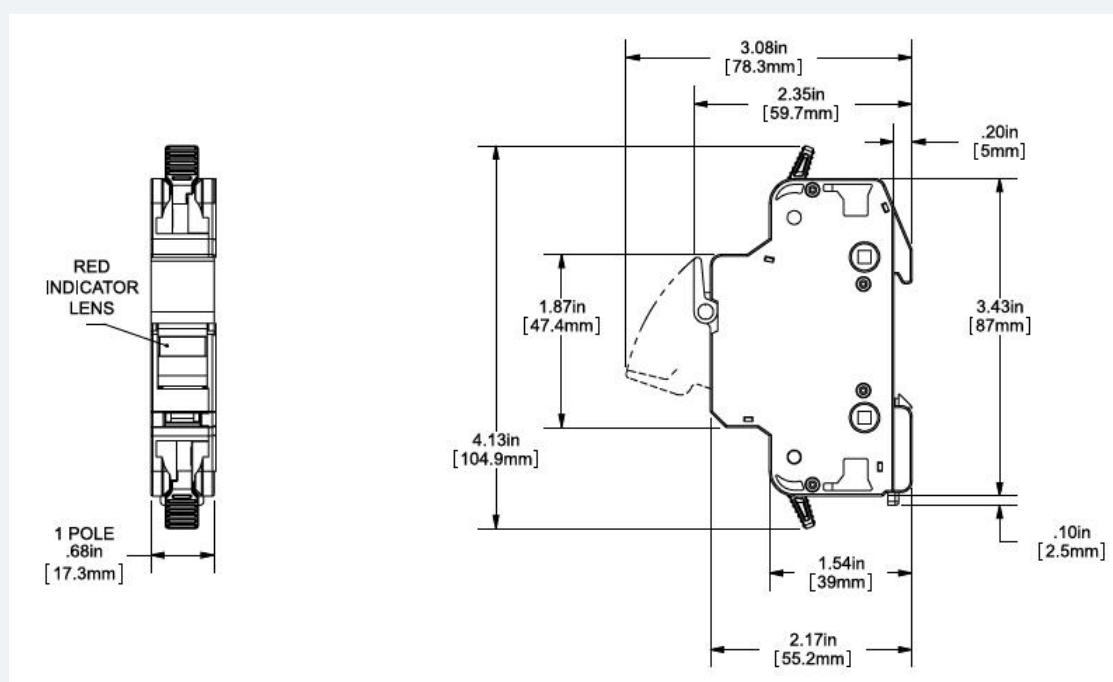


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| Fuse Type | No. of Poles | Rated Voltage (V) | Nominal Current (A) | Visual Indication | Catalog Number | Reference Number | Packaging |
|--------------|--------------|-------------------|---------------------|-------------------|----------------|------------------|-----------|
| Photovoltaic | 1 | 1000VDC | 30 | No | USGM1HEL | P1022294 | 12 |
| | | | | Yes | USGM1IHEL | N1022293 | 12 |

Dimensions



Screw less, spring pressure terminals

- WAGO CAGE CLAMP®

Wire range

- 2.5 to 16mm² (#14 to 6 AWG) single conductor
- 2.5 to 5mm² (#14 to 10 AWG) dual conductor

Wire type

- 60/75/90°C solid/ stranded copper

Operating temperature

- -40°C to +85°C

Watts loss

- 3W or less

Flammability rating

- UL 94-V0

Optional blown fuse indicator

- Lens color red
- Minimum voltage to operate: 115VDC (less than 0.7mA leakage current at 600V)