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The information in this flyer is subject to change without notice.

HP15FHM32A is UL and IEC approved/compliant based on UL testing.
CE certification available at the end of July 2018.

HP15FHM32B ongoing UL and CE certification process. Samples available.
Final shippable product available at the beginning of August 2018.

BR-1500VDC-FH-001 | 6.18 | Growll | 2500 |

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1500VDC PHOTOVOLTAIC FUSE HOLDERS

HP15FHM32 SERIES HELIOPROTECTION® FUSE HOLDERS FOR PV APPLICATIONS

Mersen's 1500VDC HelioProtection fuse holders for 10/14x85mm gPV fuses introduce the next level of safety for Utility scale photovoltaic applications. The HP15FHM32 fuse holders are finger safe (IP20 ingress protection rated), featuring a rotating fuse carrier, similar to the Mersen UltraSafe® fuse holders. The HP15FHM32 series input and output terminals accept standard PV rated wiring and comb bus bars, providing added versatility for end-use installations. The body features high performance UL 94 V-0 rated polymer material, providing superior flammability rating, with exceptional durability and dielectric withstand properties.

FEATURES/BENEFITS:

- Wire in/out terminals
- Clamping:
  - HP15FHM32A: Screw clamp, #2 combo head
  - HP15FHM32B: WAGO CAGE CLAMP® screw-less, spring pressure, wire termination technology
- UL 94 V-0 rated
- Use with PV-rated copper wire
- Wire range:
  -HP15FHM32A: 1X #4 - #14 AWG (25 - 2.5 mm^2); 2X #8 - 18 AWG (10 - 0.75 mm^2)
  -HP15FHM32B: 1X #6 - #14 AWG (18 - 2.6 mm^2); 2X #10-14 AWG (8 - 2.5 mm^2)
- Required terminal torque (HP15FHM32A only): 22 in-lb/2.5N-m
- IP20 rated (finger safe)
- 35 mm DIN Rail Mounting
- Lock Out/Tag Out feature
- Area for customer-applied labeling
- Digital Multimeter (DMM) probe access
- Accepts 10/14 x 85mm gPV fuses
- Recommended gPV fuses: HP15M
- Operating Temperature: -40 to +125°C

RATINGS:

- **Volts:** 1500VDC Maximum
- **Amps:** 32ADC Maximum
- **Power Dissipation:** 6.0 W Maximum
- **SCCR:** 50kA DC

APPLICATIONS:

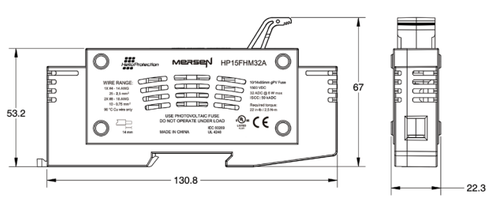
- All Utility scale photovoltaic applications
- 1500VDC Combiner Boxes
- PV Ground Fault protection

APPROVALS:

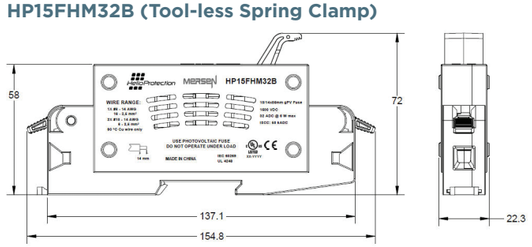
- UL 4248-19
- CSA 22.2 No. 4248.19
- IEC 60269-2

DIMENSIONS (MM):

HP15FHM32A (Screw Clamp)



HP15FHM32B (Tool-less Spring Clamp)



US15M1HEL ULTRASAFE™ FUSE HOLDERS FOR PV APPLICATIONS

Mersen UltraSafe modular fuse holders introduce the next level of safety for Photovolatic applications for 10x85mm fuses. UltraSafe fuse holders are finger safe up to an IP20 grade of protection, and the 10x85mm features a pull out, pivoting fuse carrier.

The US15M1HEL is designed with terminals to accept standard stock bus bar eliminating the need for custom combed bus bar, saving cost, time and simplifying installation. The body features industry-leading UL 94 V-0 material, providing superior flammability rating with exceptional durability.

FEATURES/BENEFITS:

- Bus bar termination clamp
- UL 94 V-0 Material Flammability Rating
- Wire terminal for use with 90°C wire
- Wire range: 6-14 stranded, 10-14 solid. Copper wire only.
- IP20 Finger Safe
- DIN-Rail Mounting
- Recommended fuse usage: HP15M

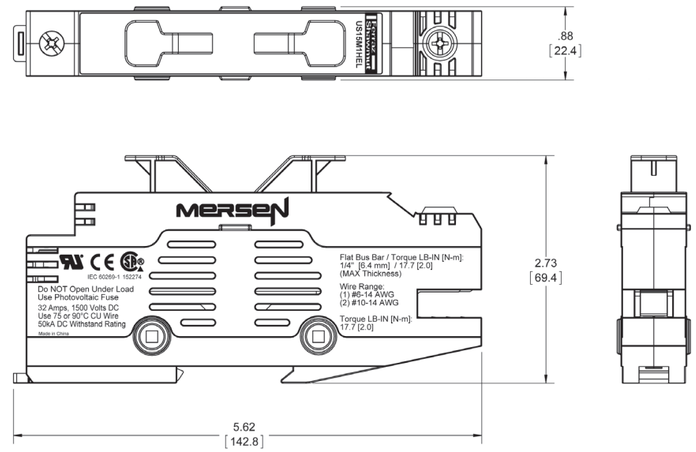
RATINGS:

- **Volts:** 1500VDC Maximum
- **Amps:** 32A Maximum
- **SCCR:** 50kA

APPLICATIONS:

- All photovoltaic applications
- Combiner box applications

DIMENSIONS:



APPROVALS:

- UL Recognized Component, evaluated to UL 4248-18