

# HP15FHM32

HelioProtection® Fuse Holders for PV Applications

FUSE BLOCKS & HOLDERS

TOUCH-SAFE DESIGN INCREASES USER SAFETY



Mersen's 1,500 VDC 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.

## RATINGS:

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

## 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



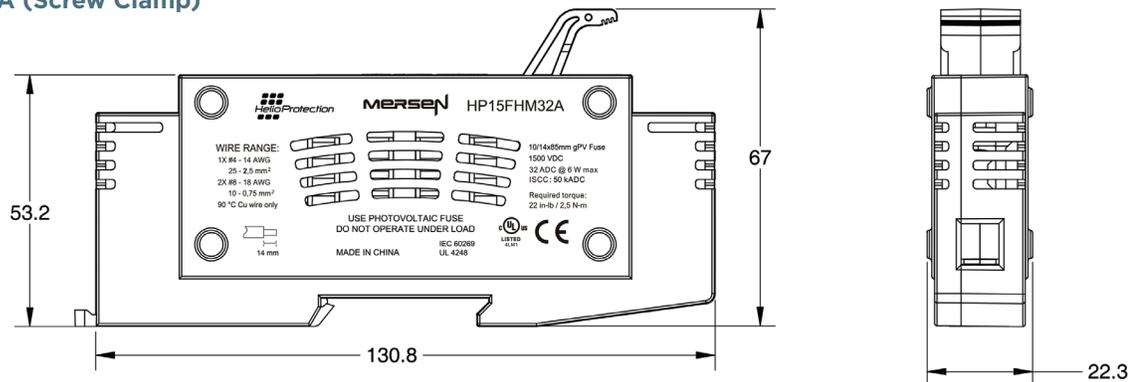
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### FEATURES/BENEFITS:

- 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<sup>2</sup>); 2X #8 - 18 AWG (10 - 0.75 mm<sup>2</sup>)
  - HP15FHM32B: 1X #6 - #14 AWG (18 - 2.6 mm<sup>2</sup>); 2X #10-14 AWG (8 - 2.5 mm<sup>2</sup>)
- 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

### DIMENSIONS (MM):

#### HP15FHM32A (Screw Clamp)



#### HP15FHM32B (Tool-less Spring Clamp)

