

# Preliminary Datasheet HP15FHM32

HelioProtection® Fuse Holders for PV Applications

FUSE BLOCKS & HOLDERS

TOUCH-SAFE DESIGN INCREASES USER SAFETY

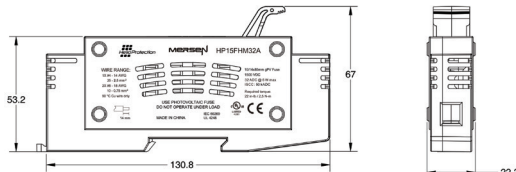


Mersen's 1,500 VDC HelioProtection fuse holders for 10/14x85mm gPV fuses introduce the next level of safety for Utility scale photovoltaic applications. The HP15FHM32 fuse holders are finger safe (IP20 ingress protection rated), featuring a rotating fuse carrier, similar to the Mersen UltraSafe fuse holders.

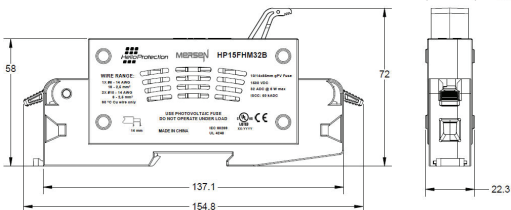
The HP15FHM32 series input and output terminals accept standard PV rated wiring and comb bus bars, providing added versatility for end-use installations. The body features high performance UL 94 V-0 rated polymer material, providing superior flammability rating, with exceptional durability and dielectric withstand properties.

## DIMENSIONS (MM):

### HP15FHM32A (Screw Clamp)



### HP15FHM32B (Tool-less Spring Clamp)



## RATINGS:

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

## FEATURES/BENEFITS:

- Wire in/out terminals
- Clamping:
  - Screw clamp, #2 combo head (-32A)
  - Tool-less spring clamp (-32B)
- UL 94 V-0 rated
- Use with 90 °C copper wire
- Wire size:
  - #4 - #18 AWG stranded (-32A)
  - #6 - #18 AWG stranded (-32B)
- IP20 rated (finger safe)
- 35 mm DIN Rail Mounting
- Lock Out/Tag Out feature
- Area for customer-applied labeling
- DMM probe access
- Accepts 10/14 x 85mm gPV fuses
- Recommended gPV fuses: HP15M

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## 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

