

# HP10M 1000V DC Midget (10x38mm) Photovoltaic Fuses

## Engineered to protect photovoltaic applications

Mersen's HP10M photovoltaic (PV) fuse series was engineered and designed specifically for the protection of photovoltaic systems. Its enhanced fuse construction makes it ideal for continuous temperature and current cycling withstand adding to system longevity. The 1000VDC rated HP10M, designed for low minimum breaking capacity capabilities of 1.35 times the fuse rated current value, allows for safe circuit interruption under typical low fault current conditions produced by PV arrays. Protect your off-grid or grid tied PV system from unexpected ground faults and line faults using Mersen's Helio Protection fuse line.

### Features/Benefits:

- Low fault current interrupting capability
- Durable construction for enhanced system longevity
- Temperature cycle withstand capability
- Guaranteed operation at temperature extremes
- Industries first UL Listed Solution
- Globally accepted

### Applications:

- All photovoltaic applications
- PV string/array level protection
- Combiner box applications
- In-line PV module protection
- Inverters
- Battery charge controllers

### Catalog Numbers (amps)

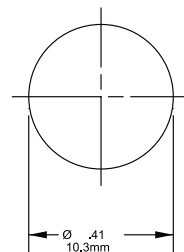
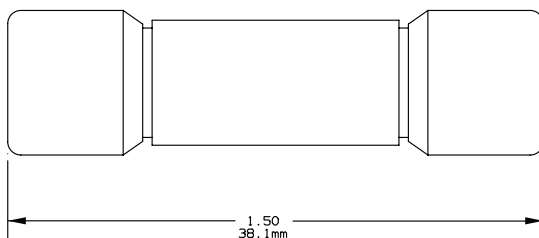
|         |         |
|---------|---------|
| HP10M1  | HP10M8  |
| HP10M2  | HP10M10 |
| HP10M3  | HP10M12 |
| HP10M3½ | HP10M15 |
| HP10M4  | HP10M20 |
| HP10M5  | HP10M25 |
| HP10M6  | HP10M30 |
| HP10M7  |         |

### Catalog Numbers - Fuseholder

|             | UltraSafe™<br>Non-Indicating | UltraSafe™<br>Indicating |
|-------------|------------------------------|--------------------------|
| Screw Type  | USM1HEL                      | USM1IHEL                 |
| Spring Type | USGM1HEL                     | USGM1IHEL                |

For additional information, view catalog page H2, USCC & USM UltraSafe™ Fuseholders.

### Dimensions



### Ratings:

**Volts** : 1000VDC  
**Amps** : 1 to 30A  
**IR** : 10kA I.R. DC  
**MBC** : 1.35 x In

Photovoltaic Fuse, gPV

### Approvals:

- UL Listed to Standard UL2579  
File E333668
- CSA Component Certified C22.2
- IEC 60269-6 Approved

