

HP15M 1500VDC Midget (10x85mm) Photovoltaic Fuses

Engineered to protect photovoltaic applications

Mersen's HP15M 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 1500VDC rated HP15M, 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
- Globally accepted
- Recommended Fuse holder: US15M1HEL

Applications:

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



Ratings:

Volts : 1500VDC
Amps : 5A - 30A
SCCR : 50kA

Photovoltaic Fuse

Catalog Numbers (amps)

Catalog Number	Reference Number	Rated Current In (Amps)	Power Dissipation at 0.7xIn (Watts)	Power Dissipation at 0.8xIn (Watts)	Power Dissipation at 1.0xIn (Watts)	Package
HP15M5	X1055053	5	0.84	1.16	1.97	5
HP15M6	Q1053667	6	0.97	1.37	2.42	5
HP15M7	R1053668	7	0.97	1.37	2.43	5
HP15M8	S1053669	8	1.04	1.50	2.60	5
HP15M10	T1053670	10	1.23	1.77	3.09	5
HP15M12	V1053671	12	1.15	1.70	2.89	5
HP15M15	W1053672	15	1.39	1.91	3.48	5
HP15M20	X1053673	20	1.71	2.47	4.28	5
HP15M25	Y1053674	25	2.13	3.08	5.35	5
HP15M30	Z1053675	30	2.56	3.61	6.40	5

Dimensions



Approvals:

- UL Listed to Standard UL2579
- CSA Component Pending
- IEC 60269-6

