

Cylindrical Fuses

10mm x 38mm

multicompPRO

**RoHS
Compliant**



Features

- 1000 / 1100V DC, 10mm × 38mm PV fuse link with glass-fiber
- Rated Current: 1A to 32A
- Breaking Capacity: 30 kA at 1100V DC(1A to 20A)--UL
30 kA at 1000V DC(25A to 30A)--UL
30 kA at 1100V DC(1A to 32A)--IEC
- Time Constant: 1ms to 3ms
- Special design with silver plated caps for high-power PV applications
- Approvals: UL 248-19 (File: E490190)
- Approvals: IEC 60269-6
- Customizable for special applications

Electrical Specifications

Part Number	Rated Current	Ampere Code	Breaking Capacity	I ² t (A ² s)		Dissipation(W)		Certifications
				Pre-Arcing	Total	80% I _n	100% I _n	UL
MP008149	10A	2100	30 kA@ 1100 V DC	200	1100	1.1	1.4	●
MP008150	12A	2120		240	1320	1.3	1.7	
MP008151	2A	1200		40	220	0.2	0.3	
MP008152	4A	1400		80	440	0.4	0.6	
MP008153	1A	1100		20	110	0.1	0.1	
MP008154	6A	1600		120	660	0.6	0.9	
MP008155	8A	1800		160	880	0.9	1.1	

Note:

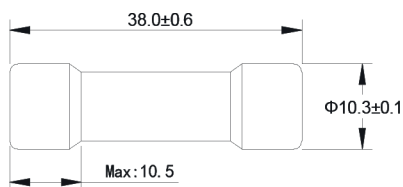
(1) DC cold resistances are measured at <10 % of rated current in ambient temperature of 25 ±5°C

(2) Typical pre-arcing I²t measured at 10*I_n current

Time VS Current Characteristics Table

Rated Current	100%	135%	200%	100%	113%	145%
1-32 A	Temperature Stabilization	<1 h	<4 min	Temperature Stabilization	>1 h	<1 h

Diagram



Dimensions : Millimetres

Applications

- PV combiner/ junction boxes
- Inverters
- Battery Charge Controllers

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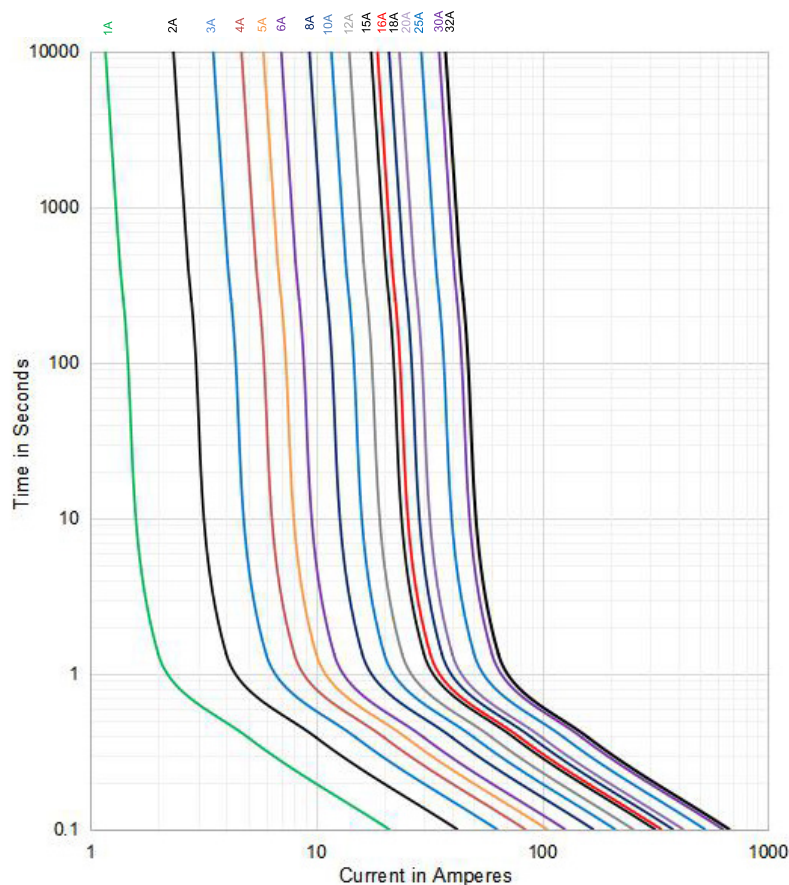
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Time Current Curve (reference)



Part Number Table

Description	Part Number
Cylindrical Fuse, 10mm x 38mm, 10A, 1100V DC	MP008149
Cylindrical Fuse, 10mm x 38mm, 12A, 1100V DC	MP008150
Cylindrical Fuse, 10mm x 38mm, 2A, 1100V DC	MP008151
Cylindrical Fuse, 10mm x 38mm, 4A, 1100V DC	MP008152
Cylindrical Fuse, 10mm x 38mm, 10A, 1100V DC	MP008153
Cylindrical Fuse, 10mm x 38mm, 6A, 1100V DC	MP008154
Cylindrical Fuse, 10mm x 38mm, 8A, 1100V DC	MP008155

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