

gPV Cartridge Fuses

10mm × 85mm

multicomp PRO

**RoHS
Compliant**



Applications

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

Features

- 1500V DC, 10mm × 85mm PV fuse link with glass-fiber
- Rated Current: 20A to 32A
- Rated Breaking Capacity: 30kA at 1500V DC
- 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

Electrical Characteristics

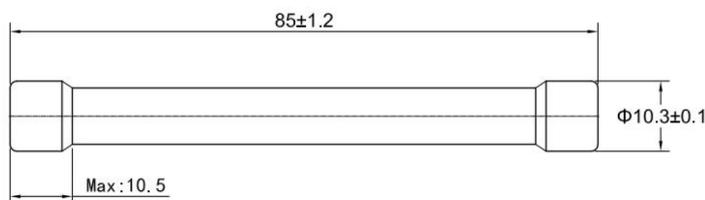
Part Number	Rated Current (A)	Breaking capacity	Nom Cold Resistance (mΩ)	I ² t (A ² s)		Dissipation (W)	
				Pre-Arcing	Total	0.8I _n	1I _n
MP006259	20	30kA@ 1500V DC	8.2 ~ 10	710	1500	3.2	5.8
MP006260	30		4.37 ~ 5.34	1183.3	2500	3.6	6.8
MP006261	32		4.07 ~ 4.98	1760	3150	4.5	7

Note: (1) Typical pre-arcing I²t measured at 10*I_n current

Time Vs Current Characteristic

Rated Current	100%	135%	200%
20A to 32A	Temperature Stabilization	<1 h	<4 min

Diagram



Dimensions : Millimetres

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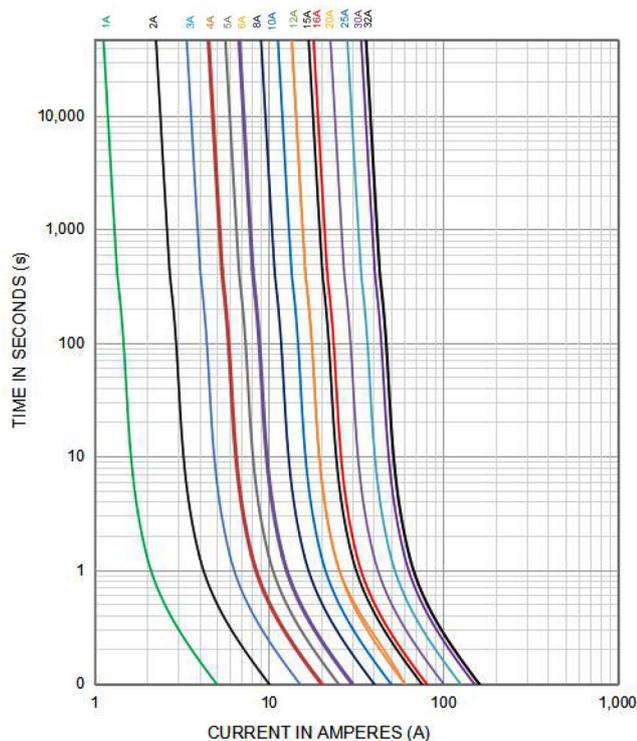
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Time Current Curve

Average Current Curve(I-T Curve)



Part Number Table

Description	Part Number
gPV Cartridge Fuse, 20A, 1500V DC, 10mm × 85mm	MP006259
gPV Cartridge Fuse, 30A, 1500V DC, 10mm × 85mm	MP006260
gPV Cartridge Fuse, 32A, 1500V DC, 10mm × 85mm	MP006261

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