

gPV Cartridge Fuses

22mm × 58mm

multicompPRO

**RoHS
Compliant**



Features

- 1500V DC, 22mm × 58mm PV fuse link with glass-fiber body
- Rated Current: 20A to 45A
- Breaking Capacity: 10 kA at 1500V DC (1A to 65A)
10 kA at 1300V DC (70A, 80A)
- Time Constant: 1ms to 3ms
- Special design with silver plated caps for high-power PV applications
- Standard: UL 248-19; IEC 60269-6
- Approvals: UL (File: E490190)
- Standard: IEC 60269-6
- BH400, BH401 holders for DIN rail mounting

Electrical Characteristics

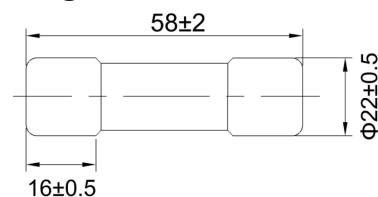
Part Number	Rated Current (A)	Breaking capacity	I ² t (A ² s)		Dissipation (W)	
			Pre-Arcing	Total	0.8I _n	1I _n
MP006252	20	10kA @1500V DC	400	2200	4.2	5.2
MP006253	25		500	2750	5.1	6.3
MP006254	30		600	3300	5.1	6.3
MP006255	35		700	3850	6	7.5
MP006256	40		800	4400	7.2	9
MP006257	45		900	4950	7.2	9

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

Time Vs Current Characteristic

Rated Current	UL			IEC		
	100%	135%	200%	100%	135%	200%
20A to 45A	Temperature Stabilization	<1 h	<4 min	Temperature Stabilization	<1 h	<4 min

Diagram



Dimensions : Millimetres

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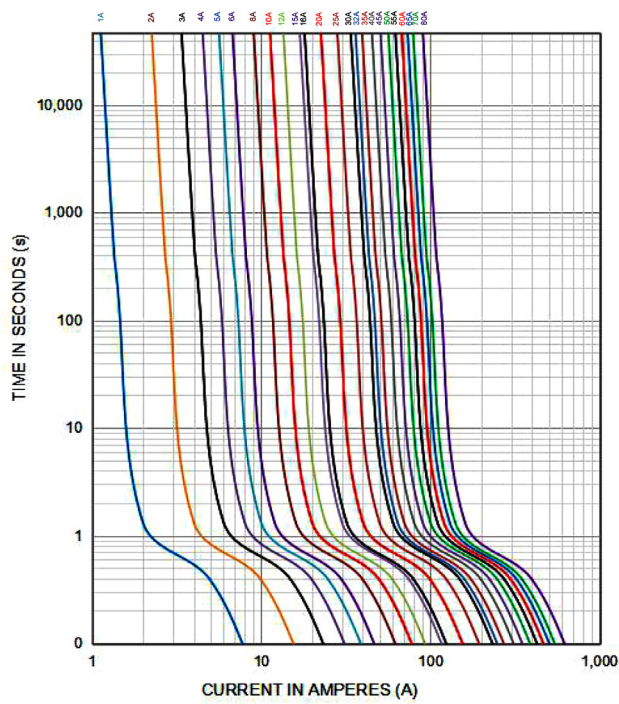
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22mm × 58mm



Time Current Curve

Average Current Curve(I-T Curve)



Part Number Table

Description	Part Number
gPV Cartridge Fuse, 20A, 1500V DC, 22mm × 58mm	MP006252
gPV Cartridge Fuse, 25A, 1500V DC, 22mm × 58mm	MP006253
gPV Cartridge Fuse, 30A, 1500V DC, 22mm × 58mm	MP006254
gPV Cartridge Fuse, 35A, 1500V DC, 22mm × 58mm	MP006255
gPV Cartridge Fuse, 40A, 1500V DC, 22mm × 58mm	MP006256
gPV Cartridge Fuse, 45A, 1500V DC, 22mm × 58mm	MP006257

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