

**RoHS
Compliant**



Application

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

Features

- 1500V DC, 24mm × 65mm PV fuse link with glass-fiber body
- Rated Current: 35A to 100A
- Breaking Capacity: 30 kA at 1500V DC
- Time Constant: 1-3 ms
- Special design with silver plated caps for high-power PV applications
- MP011853 holders for DIN rail mounting

Agency Information

- Comply to: UL 248-19
- Approvals: IEC 60269-6
- Manufactured under IATF 16949 quality system

Specifications

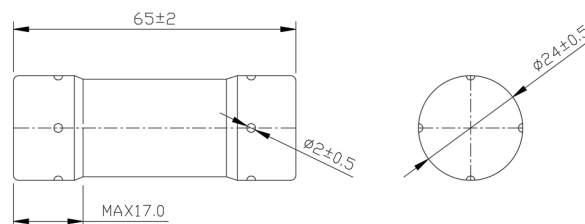
Part Number	Rated Current	Ampere Code	Breaking Capacity	Cold Resistance (mΩ)	I ² t (A ² s)		Dissipation (W)	
					Pre-Arcing	Total	0.8 In	1 In
MP011851	90 A	2900	30 kA@ 1500V DC	1.1 to 1.66	25000	39000	13.6	17
MP011852	100A	3100		1 to 1.49	32000	90000	14.4	18

Note: Operating temperature range: -40°C to 90°C

Time Vs Current Characteristic

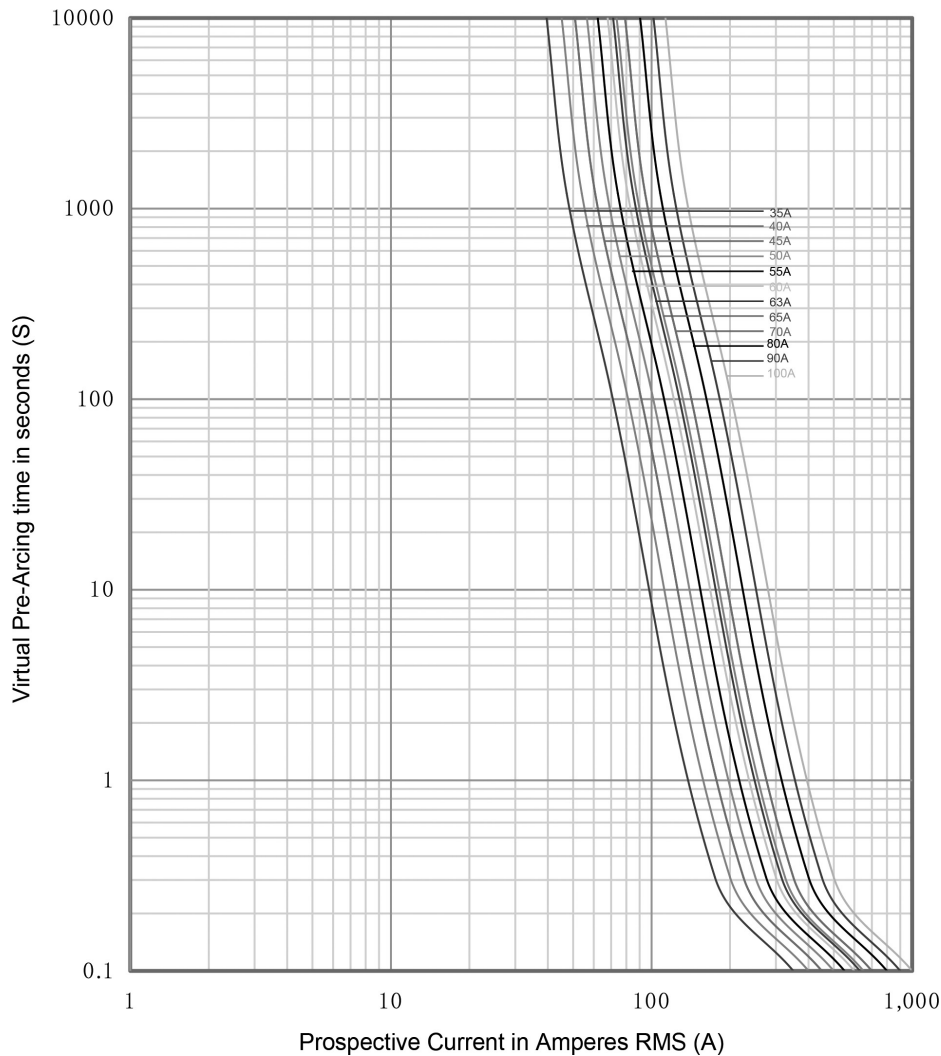
Standard	UL			Requirements / Result		
Rated Current	100 %	135 %	200 %	100 %	113 %	145 %
35-100 A	Temperature Stabilization	<1 h	<4 min	Temperature Stabilization	>1 h	<1 h

Dimensions



Dimensions : Millimetres

Average Current Curve(I-T Curve)



Part Number Table

Description	Part Number
Cartridge Fuse, 90A, 124mm × 65mm, 1500V	MP011851
Cartridge Fuse, 100A, 124mm × 65mm, 1500V	MP011852

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