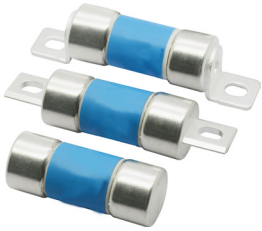


**RoHS  
Compliant**



### Application

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

### Features

- 1500V DC, 22mm × 58mm PV fuse link with glass-fiber body
- Rated Current: 1A to 80A
- Breaking Capacity: 10kA at 1500 V DC (1-65 A)  
10kA at 1300 V DC (70A, 80A)
- Time Constant: 1-3 ms
- Special design with silver plated caps for high-power PV applications

### Agency Information

- Standard: UL 248-19, IEC 60269-6
- Approvals: UL (File: E490190)
- Manufactured under IATF 16949 quality system

### Specifications

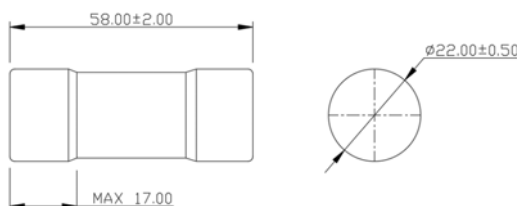
Part Number	Rated Current	Ampere Code	Breaking Capacity	I <sup>2</sup> t (A <sup>2</sup> s)		Dissipation (W)	
				Pre-Arcing	Total	0.8 In	1.0 In
MP011838	50 A	2500	10 kA@1500V DC	1000	5500	7.2	9
MP011839	60 A	2600		1200	6600	8	10
MP011840	70 A	2700	10 kA@1300V DC	1400	7700	9.5	12
MP011841	80 A	2800		1600	8800		

Note: (1) Typical pre-arcing I<sup>2</sup>t measured at 10\*In current.

### Time Vs Current Characteristic

Standard	UL			Requirements / Result		
Rated Current	100 %	135 %	200 %	100 %	113 %	145 %
1-80 A	Temperature Stabilization	<1 h	<4 min	Temperature Stabilization	>1 h	<1 h

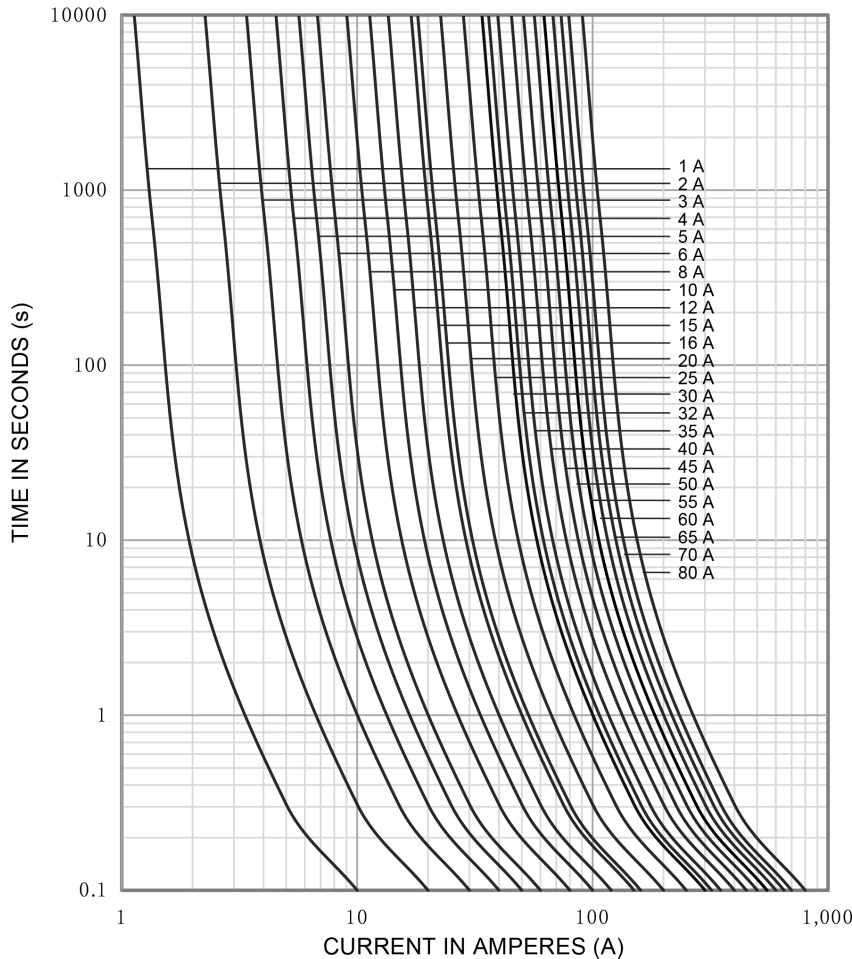
### Dimensions



Dimensions : Millimetres

## Time Current Curve (reference)

### Average Current Curve(I-T Curve)



### Part Number Table

Description	Part Number
Cartridge Fuse, 50A, 1500V, 22mm × 58 mm	MP011838
Cartridge Fuse, 60A, 1500V, 22mm × 58 mm	MP011839
Cartridge Fuse, 70A, 1500V, 22mm × 58 mm	MP011840
Cartridge Fuse, 80A, 1500V, 22mm × 58 mm	MP011841

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.