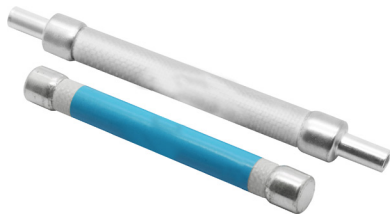


Cartridge Fuse

multicomp PRO



Application

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

**RoHS
Compliant**

Features

- 1500V DC, 10mm × 85mm PV fuse-link with glass-fiber body
- Rated Current: 1A to 32A
- Rated Breaking Capacity: 30kA @ 1500V DC (1A to 32A)
Self - Certified: 50kA @ 1500V DC (1A to 20A)
- Time Constant: 1-3ms
- Special design with silver plated caps for high-power
- PV applications

Agency Information

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

Specifications

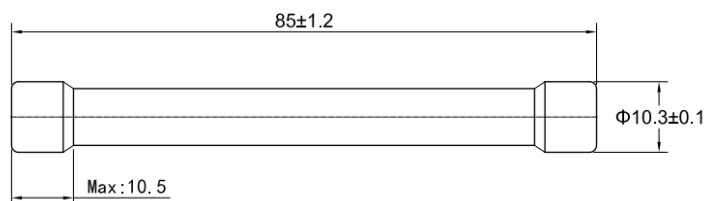
Part Number	Rated Current	Ampere Code	Breaking Capacity	Cold Resistance (mΩ)	I ² t (A ² s)		Dissipation (W)	
					Pre-Arcing	Total	0.8 In	1.0 In
MP011843	4 A	1400	30kA @ 1500V DC	89.2 to 133.8	236.7	500	2	3
MP011844	5 A	1500		70.56 to 105.84	295.8	625	2.8	3.5
MP011845	10 A	2100		18.33 to 27.49	591.7	1250		
MP011846	15 A	2150		9.69 to 14.54	887.5	1875		

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

Time Vs Current Characteristic

Standard	UL			Requirements / Result		
	Rated Current	100 %	135 %	200 %	100 %	113 %
1-32 A	Temperature Stabilization	<1 h	<4 min	Temperature Stabilization	>1 h	<1 h

Dimensions



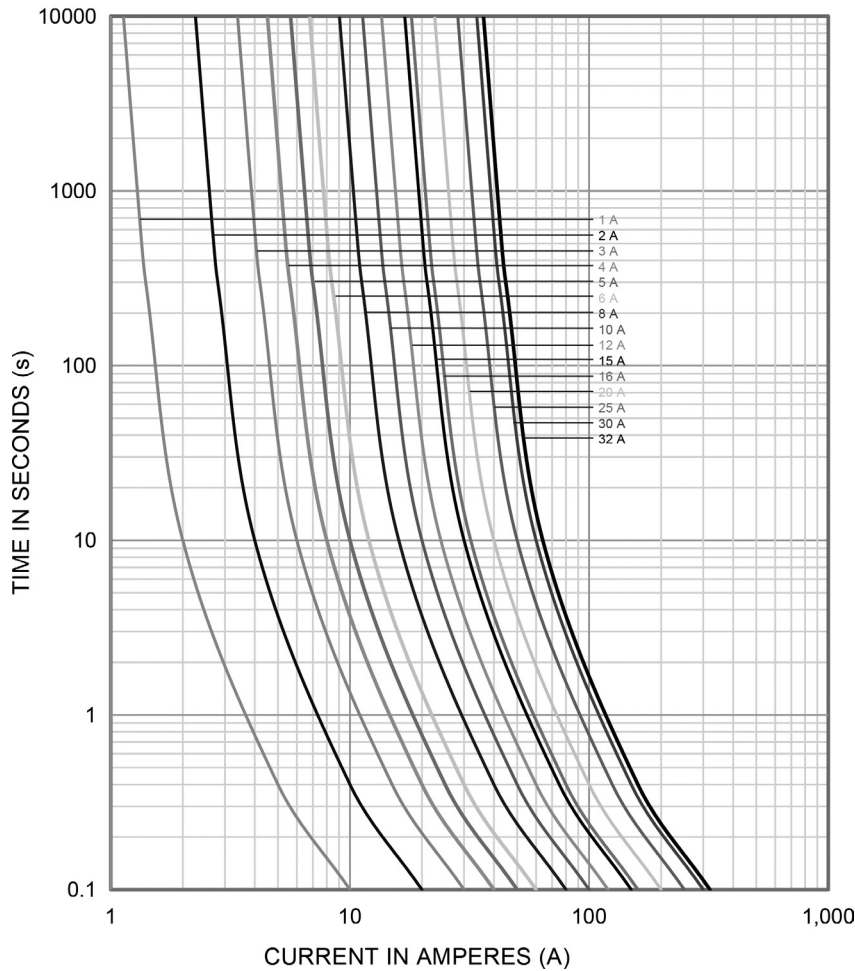
Dimensions : Millimetres

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicomp PRO

Time Current Curve (reference)

Average Current Curve(I-T Curve)



Part Number Table

Description	Part Number
Cartridge Fuse, 4A, 10mm × 85mm, 1500V	MP011843
Cartridge Fuse, 5A, 10mm × 85mm, 1500V	MP011844
Cartridge Fuse, 10A, 10mm × 85mm, 1500V	MP011845
Cartridge Fuse, 15A, 10mm × 85mm, 1500V	MP011846

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