

# Cartridge Fuse

**multicomp** PRO

**RoHS  
Compliant**



## Application

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

## Features

- 1000 / 1100 VDC, 10x38 mm PV fuse-link with glass-fiber
- Rated Current: 1-32 A
- Breaking Capacity: 30 kA @ 1100 VDC (1-32 A)
- Self - Certified: 50 kA @ 1100 VDC (1-20A)
- Time Constant: 1-3 ms
- Special design with silver plated caps for high-power PV applications

## Agency Information

- Comply to: UL 248-19 (File: E490190)
- Approvals: IEC 60269-6/GBT 13539.6
- Manufactured under IATF 16949 quality system

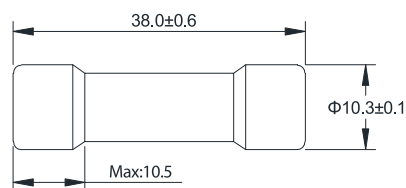
## Specifications

Part Number	Rated Current	Ampere Code	Breaking Capacity	Cold Resistance (mΩ)	I2t (A2s)		Dissipation (W)	
					Pre-Arcing	Total	80% In	100% In
MP011847	15A	2150	30 kA@ 1100V DC	6.15 to 9.23	300	1650	1.6	2.2
MP011848	20A	2200		3.90 to 5.85	400	2200	2.1	2.9
MP011849	25A	2250		2.92 to 4.38	500	2750	2.7	3.6
MP011850	30A	2300		2.21 to 3.33	600	3300	3.2	4.3

## 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

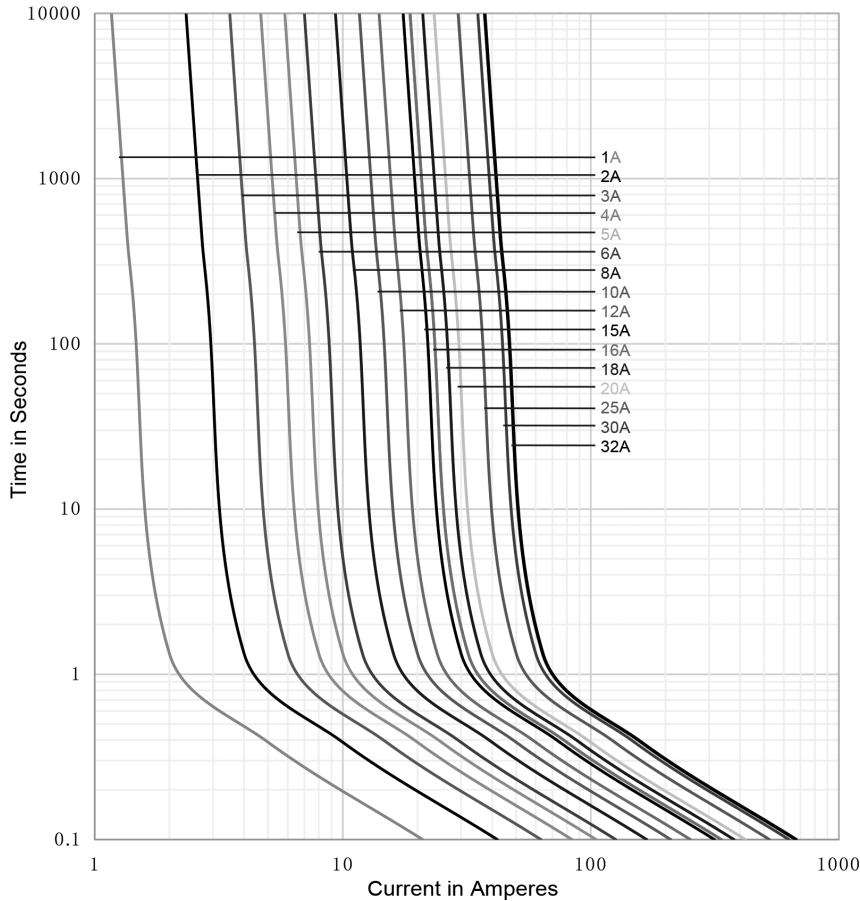


Dimensions : Millimetres

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

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## Time Current Curve (reference)



## Part Number Table

Description	Part Number
Cartridge Fuse, 15A, 10mm x 38mm, 1100V	MP011847
Cartridge Fuse, 20A, 10mm x 38mm, 1100V	MP011848
Cartridge Fuse, 25A, 10mm x 38mm, 1100V	MP011849
Cartridge Fuse, 30A, 10mm x 38mm, 1100V	MP011850

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