

# Ceramic Cartridge Fuse

**multicomp**PRO

**RoHS  
Compliant**



## Agency Approvals

**Agency**  
Recognized Component for  
Canada and US  
CCC

**Ampere Rating**  
: 50A to 400A  
: 50A to 400A

## Application

Ideal for use in electric vehicles. Charging protection boards.

UL Approved

## Product Characteristics

**Operating Temperature** : -55°C to +125°C

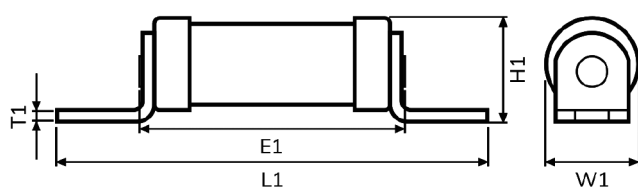
### Material

Body : Ceramic  
Caps : Tin Plated Copper  
Terminal : Tin Plated Copper

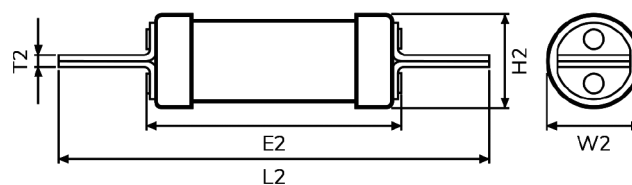
## Interrupting Rating

50A to 150A : 100,000 Amperes at 800V AC  
50,000 Amperes at 800V DC  
160A to 400A : 100,000 Amperes at 800V AC  
50,000 Amperes at 800V DC

## Mechanical Dimensions



Type A



Type B

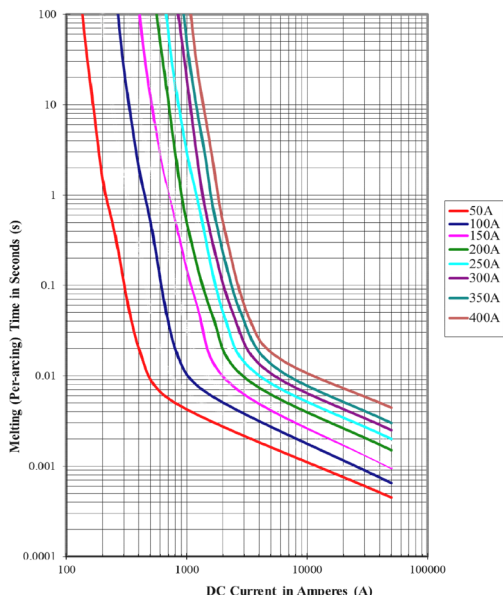
Type A	A1	B1	C1	D1	E1	H1	L1	T1	W1
50A - 150A	8.8±1	12.4±1	19.1±1	91.6±3.6	69±3	27.1±2	111.6±3	3±0.2	24.1±2
160A - 400A	10.5±1	15±1	26 ±1	95±4.5	69.2±3	38.2±2	117.6±3	3±0.2	35.2±2
Type B	A2	B2	C2	D2	E2	H2	L2	T2	W2
50A - 150A	8.8±1	12.4±1	19.1±1	91.6±3.6	66±3	24.1±2	111.6±3	3.4±0.2	24.1±2
160A - 400A	10.5±1	15.0±1	26.0±1	95±4.5	69.2±3	35.2±2	117.6±3	6±0.2	35.2±2

Dimensions : Millimetres

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

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## Time Current Curve



Ampere Rating	Watts Loss 100% In(W)
50A	11W
75A	15.5W
100A	24W
125A	28W
150A	32W
160A	33W
175A	35W
200A	40.5W
225A	43W
250A	46W
300A	56W
350A	65W
400A	77W

## Part Number Table

Ampere Rating (A)	Voltage Rating (V)	Fuse Size	Type	Part Number
50A	800V	Ø24.1mm × 91.6 mm	A	MP005686
100A		Ø24.1mm × 91.6 mm	A	MP005688
150A		Ø24.1mm × 91.6 mm	A	MP005690
200A		Ø35.2mm × 95mm	A	MP005692
250A		Ø35.2mm × 95mm	A	MP005694
300A		Ø35.2mm × 95mm	A	MP005696
350A		Ø35.2mm × 95mm	A	MP005698
400A		Ø35.2mm × 95mm	A	MP005700
50A		Ø24.1mm × 91.6 mm	B	MP005687
100A		Ø24.1mm × 91.6 mm	B	MP005689
150A		Ø24.1mm × 91.6 mm	B	MP005691
200A		Ø35.2mm × 95mm	B	MP005693
250A		Ø35.2mm × 95mm	B	MP005695
300A		Ø35.2mm × 95mm	B	MP005697
350A		Ø35.2mm × 95mm	B	MP005699
400A		Ø35.2mm × 95mm	B	MP005701

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