

## FUSIBILI MEGA



### Specifications

Interrupting Rating: 2000A @ 32 VDC  
 Voltage Rating: 32 VDC  
 Operating Temperature Range: -40°C to + 125°C  
 Housing Material: PPA (33%/35% GF)

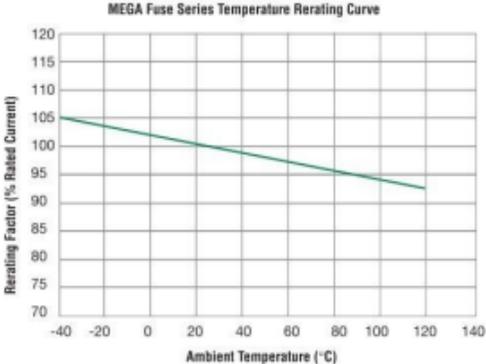
Ref. To: ISO 8820-5

### Description

The MEGA® Fuse is designed for high current circuit protection up to 500A with "Diffusion Pill Technology." The MEGA® Fuse also provides time delay characteristics.

the MEGA® Fuse is ideal for battery and alternator protection application and other heavy gauge cables requiring ultra-high current protection.

### Temperature Derating Curve



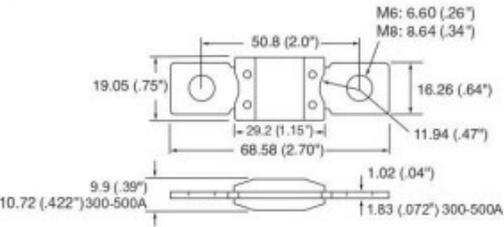
### Time-Current Characteristics

% of Rating	Opening Time Min / Max (s)	
	40-250	300-500
75	- / -	14,400 s / -
100	14,400 s / -	- / -
135	120 s / 1800 s	- / -
200	1 s / 15 s	1 s / 15 s
350	0.300 s / 5 s	0.500 s / 5 s
600	0.100 s / 1 s	0.100 s / 1 s

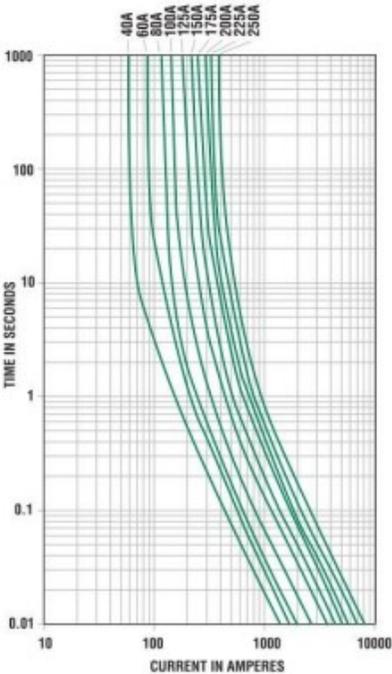


### Dimensions

Dimensions in mm



### Time-Current Characteristic Curves



### Ratings

Current Rating	Font Color*	Typ. Voltage Drop	Cold Resistance	I <sup>2</sup> t
80 A	Red	87 mV	0.720 mΩ	21500 A <sup>2</sup> s
100 A	Yellow	87 mV	0.562 mΩ	31100 A <sup>2</sup> s
125 A	Green	80 mV	0.423 mΩ	57800 A <sup>2</sup> s
150 A	Orange	92 mV	0.352 mΩ	100000 A <sup>2</sup> s
175 A	White	86 mV	0.294 mΩ	168000 A <sup>2</sup> s
200 A	Blue	83 mV	0.257 mΩ	204000 A <sup>2</sup> s
225 A	Brown	82 mV	0.222 mΩ	257000 A <sup>2</sup> s
250 A	Pink	82 mV	0.201 mΩ	389000 A <sup>2</sup> s
300 A	Grey	74 mV**	0.167 mΩ	315000 A <sup>2</sup> s
350 A	Dark Green	68 mV**	0.138 mΩ	500000 A <sup>2</sup> s
400 A	Purple	64 mV**	0.126 mΩ	610000 A <sup>2</sup> s
450 A	Light Yellow	60 mV**	0.112 mΩ	1050000 A <sup>2</sup> s
500 A	Brown	58 mV**	0.092 mΩ	2050000 A <sup>2</sup> s

Note 1: Not mentioned in ISO standards. Note 2: Short Circuit Protector only  
 \* has white font color on all ratings.  
 \*\* Voltage Drop measurements for short circuit protectors taken at 75% of rated current.

