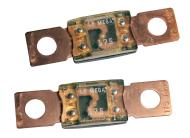
High Current Fuses







MEGA® Clear Top Housing Fuse

MEGA® and MEGA® Clear Top Fuse Rated 32V

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

Specifications

Interrupting Rating: Voltage Rating: Operating Temperature Range: Housing Material: Clear Top Housing Material: Terminals:

2000A @ 32 VDC 32 VDC -40°C to + 125°C PPA-GF33HS PES (top) PPA-GF33HS (bottom) Copper (Silver plated copper available) M6 or M8 bolts available 8-14 Nm M6 12-18 Nm M8 ISO 8820-5

Mounting Torque: Complies with:

RoHS

Ordering Information

Ordering Information						Time-Current Characteristics		
Rating	Package Size	Plating			% of	Opening Time Min / Max (s)		
00 050		N 1		-	Rating	40-250	300-500	
80 - 250	500	None	M8	2	75	1	14.400 a./	
300 - 500	500	None	M8	2	/5	-/-	14,400 s / -	
00 500	500	Nese	MO	1	100	14,400 s / -	- / -	
80 - 500	500	None	IVI8	I	125	120 0 / 1000 0	-/-	
40 - 250	500	Aα	M8	2	150	120 5 / 1000 5	-/-	
		0		_	200	1 s / 15 s	1 s / 15 s	
80 - 500	500	None	M6	2	050	0.000 / 5	0.500 / 5	
MEGA Clear Top Housing Material Fuse						0.300 s / 5 s	0.500 s / 5 s	
MECA clear top housing Material Luse					600	0.100 s / 1 s	0.100 s / 1 s	
40 - 250	500	None	M8	2	000	0.1003/13	0.100 3 / 1 3	
	Rating 80 - 250 300 - 500 80 - 500 40 - 250 80 - 500 Housing	Rating Package Size 80 - 250 550 300 - 500 550 40 - 250 550 80 - 500 550 40 - 250 550 80 - 500 550	RatingPackage SizePlating80 - 200500None300 - 500500None40 - 250500Ag80 - 500500None40 - 250500None80 - 500500NoneHotseries Heteries	RatingPackage SizePlatingBoilt Size80 - 250500NoneM8300 - 500500NoneM840 - 250500AgM840 - 250500NoneM680 - 500500NoneM6Hotserie	RatingPackage SizePlatingBolt SizeBolt Hole Oty80 - 200500NoneM82300 - 500500NoneM8280 - 500500NoneM8140 - 200500AgnM8280 - 500500NoneM8280 - 500500NoneM8280 - 500500NoneM62Housing Heteriel	RatingPackage SizePlatingBolt SizeBolt Hole Oty% of Rating80 - 200500NoneM8275300 - 500500NoneM8210080 - 500500NoneM8113540 - 250500AgM8220080 - 500500NoneM6235080 - 500SoneM6500350350Housing Hereir Fuer	Rating Package Size Plating Bolt Size Bolt Dty Mole Dty % of Rating Opening Time 80 - 250 500 None M8 2 40-250 40-250 300 - 500 500 None M8 2 75 -/- 80 - 500 500 None M8 1 100 14,400 s / - 40 - 250 500 Ag M8 2 200 1 s / 15 s 80 - 500 500 None M6 2 350 0.300 s / 5 s Housing Waterial Fuse 600 0.100 s / 1 s 350 0.300 s / 5 s 350	

Ratings

Part Number	Current Rating (A)	Font Color*	Typ. Voltage Drop (mV)	Cold Resistance (mΩ)	l²t (A²s)
02980401	40	-	132	2.510	8700
02980601	60	-	119	1.504	21000
0298080	80		87	0.720	21500
0298100	100		87	0.562	31100
0298125	125		80	0.423	57800
0298150	150		92	0.352	100000
0298175	175		86	0.294	168000
0298200	200		83	0.257	204000
0298225	225		82	0.222	257000
0298250	250		82	0.201	389000
0298300 ²	300		74 **	0.167	315000
0298350 ²	350		68 **	0.138	500000
0298400 ²	400		64 **	0.126	610000
0298450 ²	450		60 **	0.112	1050000
0298500 ²	500		58 **	0.092	2050000

Note 1: Not mentioned in ISO standards Note 2: Short Circuit Protector only

* 0298xxx.ZXB has white font color on all ratings.

** Voltage Drop measurements for short circuit protectors taken at 75% of rated current.

Littelfuse products are not designed for, and shall not be used for, any purpose (including, without limitation, automotive, military, aerospace, medical, life-saving, life-sustaining or nuclear facility applications, devices intended for surgical implant into the body, or any other application in which the failure or lack of desired operation of the product may result in personal injury, death, or property damage) other than those expressly set forth in applicable Littelfuse product documentation. Warranties granted by Littelfuse shall be deemed void for products used for any purpose not expressly set forth in applicable Littelfuse documentation. Littelfuse shall not be liable for any claims or damages arising out of products used in applications not expressly intended by Littelfuse as set forth in applicable Littelfuse documentation. The sale and use of Littelfuse products is subject to Littelfuse Terms and Conditions of Sale, unless otherwise agreed by Littelfuse

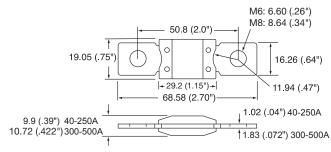




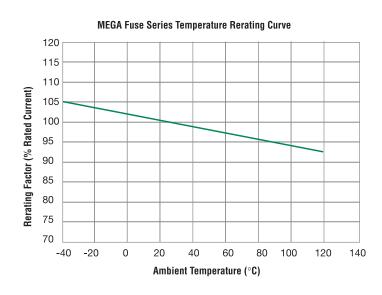
MEGA® Fuse Rated 32V

Dimensions

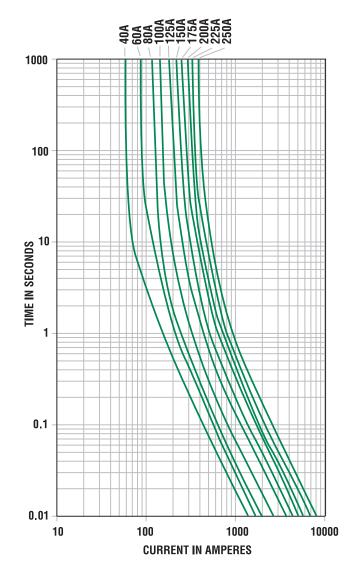
Dimensions in mm



Temperature Rerating Curve



Time-Current Characteristic Curves



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