High Current Fuses

Littelfuse
Expertise Applied | Answers Delivered



UL Recognized MEGA® Fuses

UL Recognized MEGA® Fuses Rated 32V

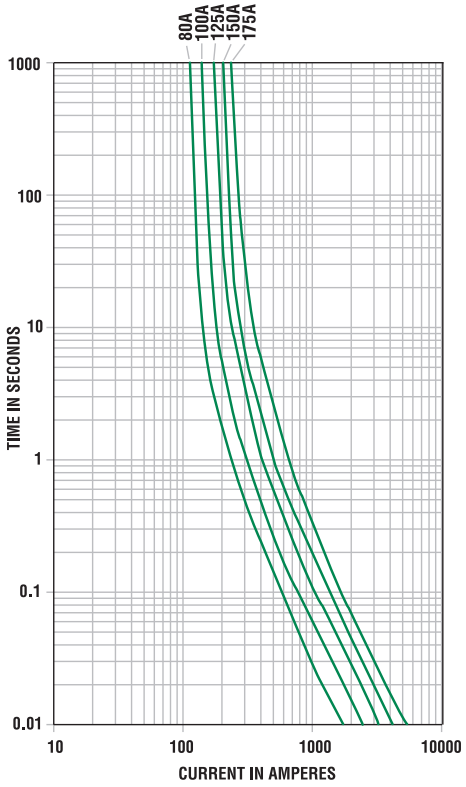
The MEGA® Fuse is designed for high current circuit protection with "Diffusion Pill Technology." The MEGA® Fuse also provides time delay characteristics. Designed and patented by Littelfuse, the MEGA® Fuse is ideal for battery and alternator protection application and other heavy gauge cables requiring ultra-high current protection.

Specifications

Interrupting Rating:	2000A @ 32 VDC
Voltage Rating:	32 VDC
Operating Temperature Range:	-40˚C to + 125˚C
Housing Material:	PPA-GF30FR
Terminals:	Copper M8 bolts holes
Mounting Torque:	12-18 Nm M8
Complies with:	ISO 8820-5 ,UL 248 Special Purpose Fuses

RoHS

Time-Current Characteristic Curves



Ordering Information

Part Number	Package Size
0298xxx.ZXEH-UL	500

Time-Current Characteristics

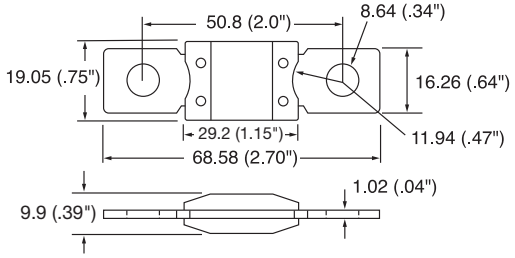
% of Rating	Opening Time Min / Max (s)
	80A-175A
75	– / –
100	14,400 s / –
135	120 s / 1800 s
200	1 s / 15 s
350	0.300 s / 5 s
500	– / –
600	0.100 s / 1 s

Ratings

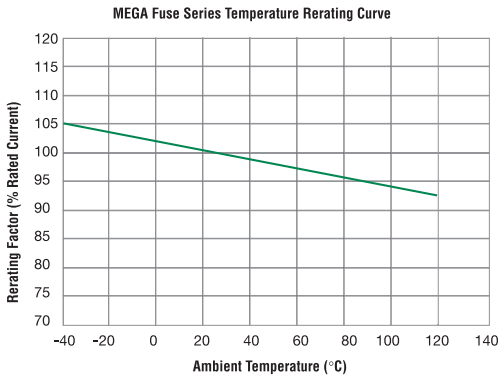
Part Number	Current Rating (A)	Font Color	Typ. Voltage Drop (mV)	I^2t (A^2s)
0298080.ZXEH-UL	80		87	21500
0298100.ZXEH-UL	100		87	31100
0298125.ZXEH-UL	125		80	57800
0298150.ZXEH-UL	150		92	100000
0298175.ZXEH-UL	175		62	168000

Dimensions

Dimensions in mm



Temperature Rerating Curve



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.