# High Current Fuses





**MEGA®** Low Temperature Fuses

### MEGA® Low Temperature Fuse Rated 32V

The MEGA® Fuse is designed for high current circuit protection up to 275A with "Diffusion Pill Technology." The MEGA® Fuse also provides time delay characteristics. Designed and patented by Littlefuse, 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: Terminals: 2000A @ 32 VDC 32 VDC -40°C to + 125°C PPA-GF33HS Copper (Silver plated copper available) M8 bolts 12-18 Nm M8

Mounting Torque:

## RoHS

#### Ordering Information

Part Number	Rating	Package Size	Plating	Bolt Hole Qty	% o
0298125.ZXBLT	125	500	Ag	2	
0298xxx.ZXEH-LT	150-275	500	None	2	
0298xxx.UX1M8LT	150-275	500	None	1	
		•			

#### **Time-Current Characteristics**

•	% of Rating	Opening Time Min / Max (s)			
2		125	150-275		
	100	4 hrs / –	4 hrs / –		
	135	120 s / 1800 s	120 s / 1800 s		
	200	1 s / 50 s	1 s / 150 s		
	350	0.300 s / 5 s	0.300 s / 5 s		
	600	0.100 s / 1 s	0.100 s / 1 s		

#### Ratings

Part Number	Current Rating (A)	Font Color	Typ. Voltage Drop (mV)	Cold Resistance (m $\Omega$ )	l²t (A²s)
0298125.ZXBLT	125		67	0.330	57000 A
0298150.ZXEH-LT	150		62	0.258	59000 A
0298175.ZXEH-LT	175		65	0.232	123000 A
0298200.ZXEH-LT	200		61	0.214	140000 A
0298225.ZXEH-LT	225		57	0.177	317000 A
0298250.ZXEH-LT	250		54	0.144	637000 A
0298275.ZXEH-LT	275		53	0.122	800000 A

#### Dimensions

Dimensions in mm



#### **Temperature Rerating Curve**



#### Last figure of article no. = packaging code

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## Time-Current Characteristic Curves

