



MAXI+ Blade Fuses

## MAXI+<sup>®</sup> Blade Fuses Rated 32V

The MAXI+<sup>®</sup> Fuse is new standard for vehicle circuit protection. Its miniature design meets the need for more circuits to be protected while utilizing less space, and its ability to cope with high temperatures in adverse environments makes the MAXI+<sup>®</sup> Fuse of recommended choice for protection.

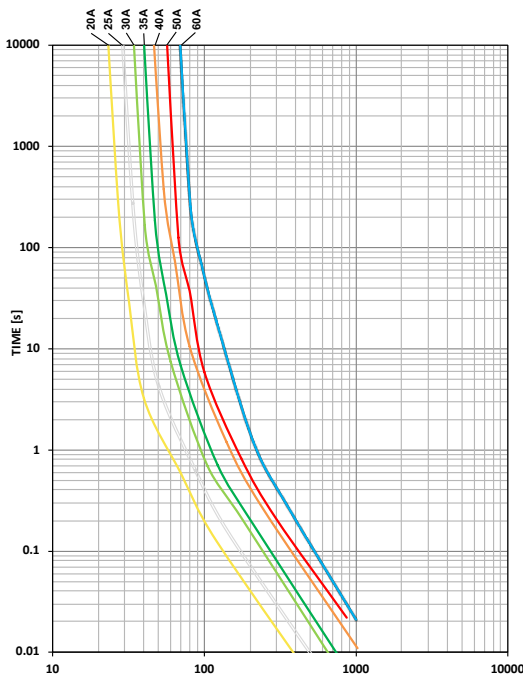
### Specification

Voltage Rating:	32 VDC
Interrupting Rating:	1000A @ 32 VDC
*Recommended Environmental Temperature:	-40°C to +125°C
Terminals Material:	Silver plated zinc alloy
Housing Material:	PA66 (U.L. 94 Flammability rating – V2)
Net Weight Per Fuse:	2±10% gr
Refers to:	ISO 8820-10:2020

### RoHS

\*Silver plating allows up to 150°C at the terminal interface.

### Time-Current Characteristic Curves



### Ordering Information

Part Number	Rating	Package Size
0899xxx.Z	20-60	1000

### Time-Current Characteristics

% of Rating	Opening Time Min / Max (s)
100	360,000 / ∞
135	60 / 900
160	10 / 100
200	2 / 50
350	0.2 / 7
600	0.04 / 1

### Ratings

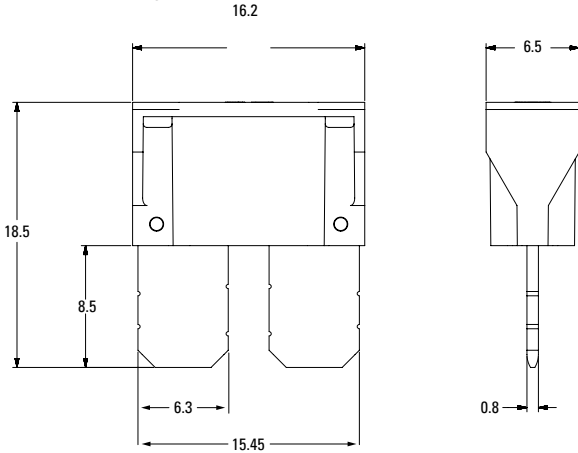
Part Number	Current Rating (A)	Housing Material Color	Test Cable Size (mm <sup>2</sup> )	Typ. Voltage Drop (mV)	Typ. Cold Resistance (mΩ)	Typ. I <sup>2</sup> t (A <sup>2</sup> s)
0899020.Z	20	Yellow	1.5	80	3.0	1,300
0899025.Z	25	White	2.5	77	2.3	2,200
0899030.Z	30	Light Green	2.5	60	1.7	3,900
0899035.Z	35	Dark Green	4	58	1.2	4,900
0899040.Z	40	Orange	4	55	1.0	9,400
0899050.Z	50	Red	6	50	0.7	16,500
0899060.Z	60	Blue	6	62	0.5	17,500

The typical I<sup>2</sup>t is an average value calculated from the breaking capacity tests by using the melting time before the arcing occurs.

## MAXI+® Blade Fuses Rated 32V

### Dimensions

Dimensions in mm for reference only.  
See outline drawing for dimensions and tolerances.

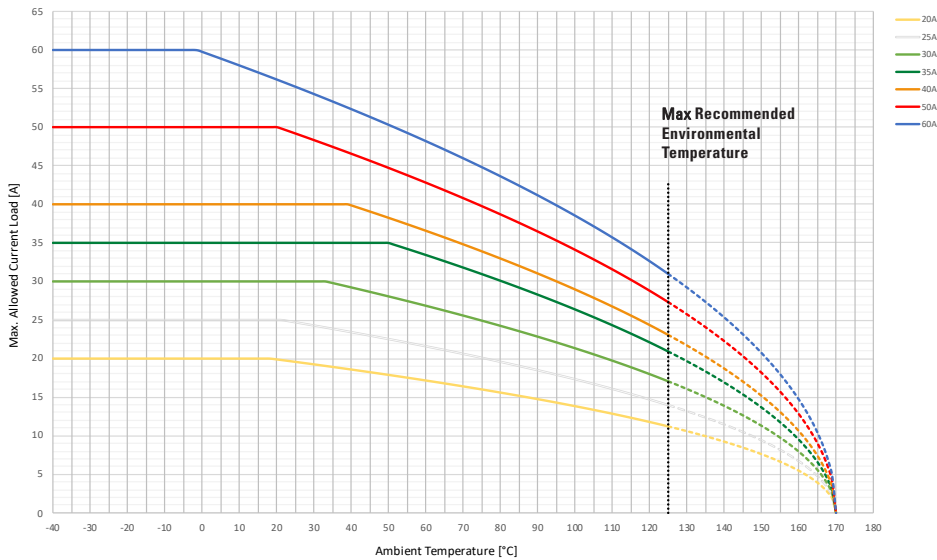


### Temperature Table

	max. allowed current load [A] at ambient temperature (typical derating)						
	-40°C	0°C	20°C	65°C	85°C	110°C	125°C
<b>20A</b>	20	20	20	17	15	13	11
<b>25A</b>	25	25	25	21	19	16	14
<b>30A</b>	30	30	30	26	24	20	17
<b>35A</b>	35	35	35	33	29	24	21
<b>40A</b>	40	40	40	36	32	27	23
<b>50A</b>	50	50	50	42	38	32	27
<b>60A</b>	60	60	56	47	42	36	31

### Typical Derating Of Fuse Melting Element

Temperature Security Margin is 20%  
Wire Cross Section And Fixture Test Set Up Refer To ISO 8820-10:2020  
Please contact Littelfuse® for details regarding Derating Test Set Up.



Derating curves may change depending on the final condition of the application (terminals characteristics, wire size etc...).  
Please ask Littelfuse® for more information

REV07272021

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®.