Blade Fuses

Littelfuse®
Expertise Applied | Answers Delivered

MAXI Blade Fuses

MAXI Sn Fuse (tin plated)

MAXI Blade Fuses Rated 32V

The MAXI® fuse uses "Diffusion Pill Technology" to provide predictable time delay characteristics and low heat dissipation.

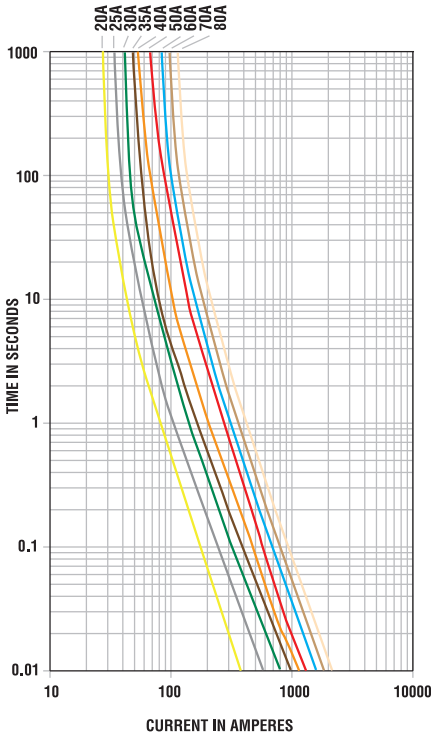
Specifications

	MAXI (Silver Plated)	MAXI Sn (Tin Plated)
Voltage Rating:	32 VDC	32 VDC
Interrupting Rating:	1000A @ 32 VDC	1000A @ 32 VDC
*Recommended Environmental Temperature:	-40°C to +125°C	-40°C to +125°C
Terminals Material:	Silver plated zinc alloy	Tin plated zinc alloy
Housing Material:	PA66 (U.L. 94 Flammability rating – V2)	PA66 (U.L. 94 Flammability rating – V2)
Net Weight Per Fuse:	5.7±5% gr	5.7±5% gr
Complies with:	SAE J 1888, SAE 2576, ISO 8820-3:2002(E)	SAE J 1888, SAE 2576, ISO 8820-3:2002(E)

*Tin plating's temperature limit is ≈130°C, Silver plating allows up to 150°C at the interface.

RoHS

Time-Current Characteristic Curves



Ordering Information

Part Number	Rating	Package Size
0299xxx.ZXNV	20 - 80	1200
0299xxx.L	20 - 80	50
0299xxx.TXN	20 - 80	10
MAXI Sn Fuse		
0299xxx.ZXT	20 - 80	1200

Time-Current Characteristics

% of Rating	Opening Time Min / Max (s)
100	360,000 / ∞
135	60 / 1,800
200	2 / 60
350	0.2 / 7
600	0.04 / 1

Ratings

Part Number	Current Rating (A)	Housing Material Color	Test Cable Size (mm²)	Typ. Voltage Drop (mV)	Typ. Cold Resistance (mΩ)	Typ. I²t (A²s)
0299020._	20		4	76	3.10	1,100
0299025._	25		4	75	2.39	2,100
0299030._	30		4	77	1.95	4,100
0299035._	35		4	75	1.71	6,000
0299040._	40		4	75	1.42	8,500
0299050._	50		6	73	1.10	11,300
0299060._	60		6	77	0.89	15,300
0299070._	70		10	61	0.64	21,200
0299080._	80		10	62	0.54	43,600

The typical I²t is an average value calculated from the breaking capacity tests by using the melting time before the arcing occurs.

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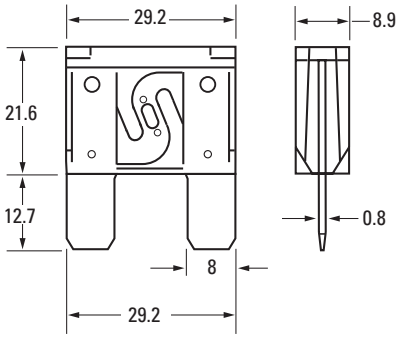
Dimensions

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

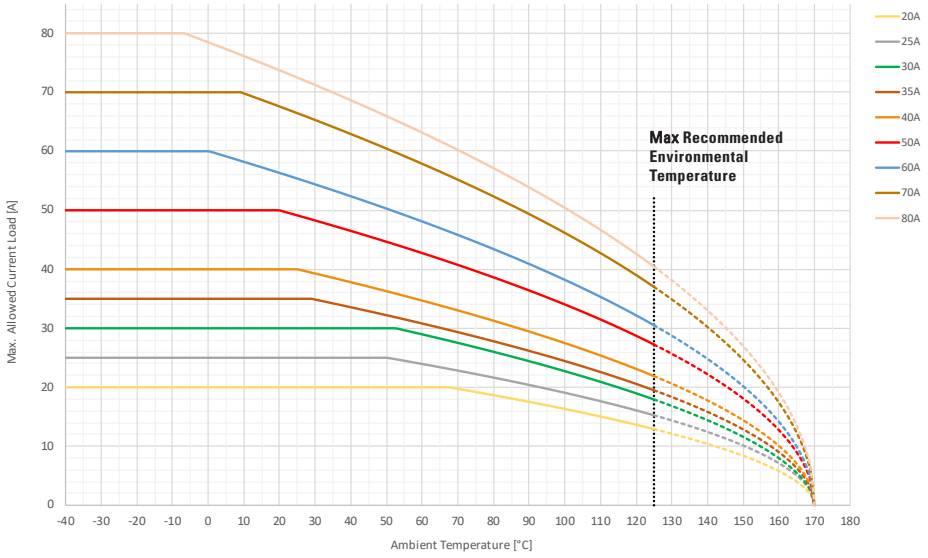


Temperature Table

	max. allowed current load [A] at ambient temperature (typical derating)						
	-40°C	0°C	20°C	65°C	85°C	110°C	125°C
20A	20	20	20	20	18	15	13
25A	25	25	25	23	21	18	15
30A	30	30	30	28	25	21	18
35A	35	35	35	30	27	23	19
40A	40	40	40	34	30	25	22
50A	50	50	50	42	38	31	27
60A	60	60	56	47	42	35	31
70A	70	70	68	57	51	43	37
80A	80	78	74	62	56	47	40

Typical Derating of Fuse Melting Element

Temperature Security Margin is 20%
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.

单击下面可查看定价，库存，交付和生命周期等信息

>>Littelfuse(美国力特)