LOW PROFILE MINI® Blade Fuses - Aftermarket

Rated 58V

RoHS



Description

Low Profile MINI® 58V blade fuses perform as reliably as taller fast-acting MINI fuses. Automotive engineers use LP MINI fuses to save space and reduce weight without sacrificing circuit protection.

Features & Benefits

- Fast-acting
- Available with ampere ratings of 5 A to 30 A
- Interrupting rating of 1 kA at 58 VDC
- Operate at up to 125 °C
- Silver-plated zinc terminals
- PA66 housings with UL flammability ratings of HB
- Net weight 0.4 g ±15 % per fuse
- Comply with ISO 8820-9
- Recognized as UL 248 Special Purpose Fuses
- Certified lead-free and RoHS compliant
- Color coding indicates ampere rating
- See-through housings make it easier to see when fuses blow
- High-contrast ampere stamps aid identification
- Short blades offer additional material savings in fuse box design

Applications

- Cars and SUVs
- Trucks
- Buses
- Offroad vehicles
- Watercraft as approved by Littelfuse

Ordering Information

Color Code	Current Rating (A)	Boxed		Carded		Plus Pack
		Material #	Catalog #	Material #	Catalog #	Material #
Gray	2A	LMIN002.V	LMIN2	---	---	---
Tan	5A	LMIN005.V	LMIN5	LMIN005.VP	LMIN005BP	LMIN005.ZXPROA
Brown	7.5A	LMIN07.5V	LMIN7.5	---	---	---
Red	10A	LMIN010.V	LMIN10	LMIN010.VP	LMIN010BP	LMIN010.ZXPROA
Blue	15A	LMIN015.V	LMIN15	LMIN015.VP	LMIN015BP	LMIN015.ZXPROA
Yellow	20A	LMIN020.V	LMIN20	LMIN020.VP	LMIN020BP	LMIN020.ZXPROA
Clear	25A	LMIN025.V	LMIN25	LMIN025.VP	LMIN025BP	LMIN025.ZXPROA
Green	30A	LMIN030.V	LMIN30	LMIN030.VP	LMIN030BP	LMIN030.ZXPROA

Please refer to the Littelfuse Aftermarket catalog for packaging information.

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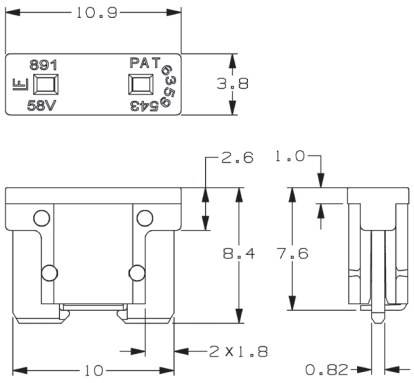
Ratings

Part Number	Current Rating (A)	Housing Material Color	Test Cable Size (mm^2)	Typ. Voltage Drop (mV)	Typ. Cold Resistance (mΩ)	Typ. I^2t (A^2s)
LMIN002._	2		0.5	151	54.2	3
LMIN005._	5		0.5	114	17.21	22
LMIN07.5_	7.5		0.75	105	10.65	53
LMIN010._	10		1	97	7.59	102
LMIN015._	15		1.5	75	4.70	198
LMIN020._	20		2.5	99	3.35	420
LMIN025._	25		2.5	96	2.56	613
LMIN030._	30		4	96	2.06	1,100

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

Dimensions

Dimensions in mm. Please refer to the outline drawing for dimensions and tolerances.

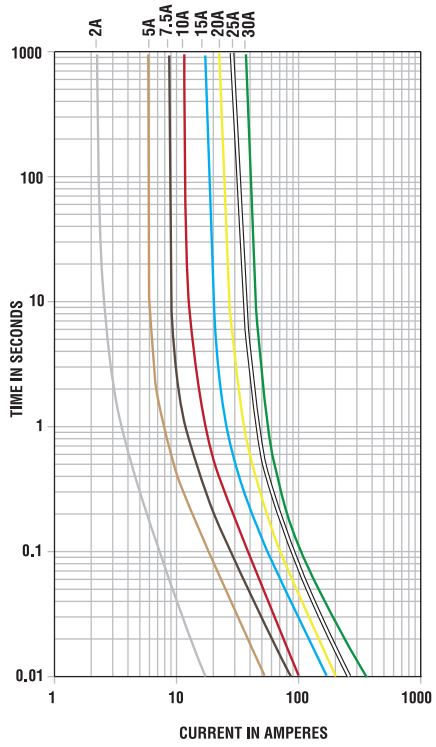


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Time-Current Characteristic



% of Rating	Opening Time Min / Max (s)
110	360 000 / ∞
135	0.75 / 120
200	0.15 / 5
350	0.08 / 0.25
600	0.03 / 0.1

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