

LOW PROFILE MINI® Series

Blade Fuses – Rated 58V



RoHS



Description

The Low Profile MINI® fuse has similar performance characteristics as the standard MINI® fuse. The lower overall height allows for more space and weight savings. The Low Profile MINI® fuse is designed to mate with tuning-fork terminals, which provides additional weight and material savings in fuse box designs by eliminating the need for female box terminals.

Features & Benefits

- High-contrast ampere stamps on housings aid identification
- Color coding shows the amperage rating for each fuse
- Checkpoints on top make it possible to measure resistance without removing the fuse
- Offers additional material savings by reducing the need for sockets
- See-through housings make it easier to see when fuses blow
- Simple to install and remove
- Refer To ISO 8820-9

Agency Approvals

Agency	Agency File Number	Current Rating (A)
	20130320-E71611	2 – 30

Applications

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

[See Disclaimer Notice](#)

Additional Information



Resources



Samples

Specifications

Voltage Rating:	58 V DC
Interrupting Rating:	1000 A @ 58 V DC
Recommended Environmental Temperature:	–40 °C to +125 °C
Terminals Material:	Silver plated zinc
Housing Material:	PA66 (U.L. 94 Flammability rating – HB)
Net Weight per Fuse:	0.4 g ± 15%
Refer to:	ISO 8820-9

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

Ordering Information

Part Number	Current Rating (A)	Package Size
0891xxx.NXS	2 – 30	5000
0891xxx.U	2 – 30	500
0891xxx.H	2 – 30	100

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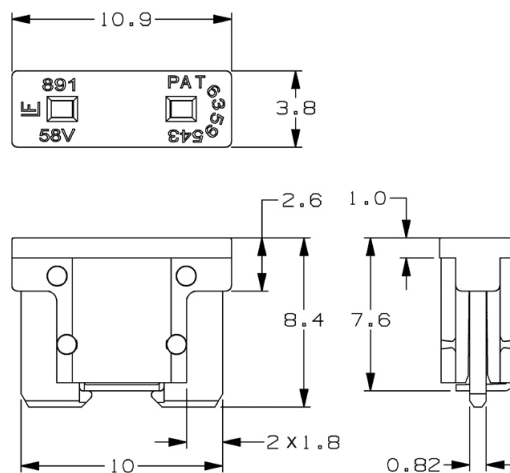
Ratings

Part Number	Current Rating (A)	Housing Material Color	Test Cable Size (mm ²)	Typ. Voltage Drop (mV)	Typ. Cold Resistance (mΩ)	Typ. I ² t (A ² s)
0891002_	2		0.5	151	54.2	3
0891005_	5		0.5	114	17.21	22
0891075_	7.5		0.75	105	10.65	53
0891010_	10		1	97	7.59	102
0891015_	15		1.5	75	4.70	198
0891020_	20		2.5	99	3.35	420
0891025_	25		2.5	96	2.56	613
0891030_	30		4	96	2.06	1100

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

Dimensions

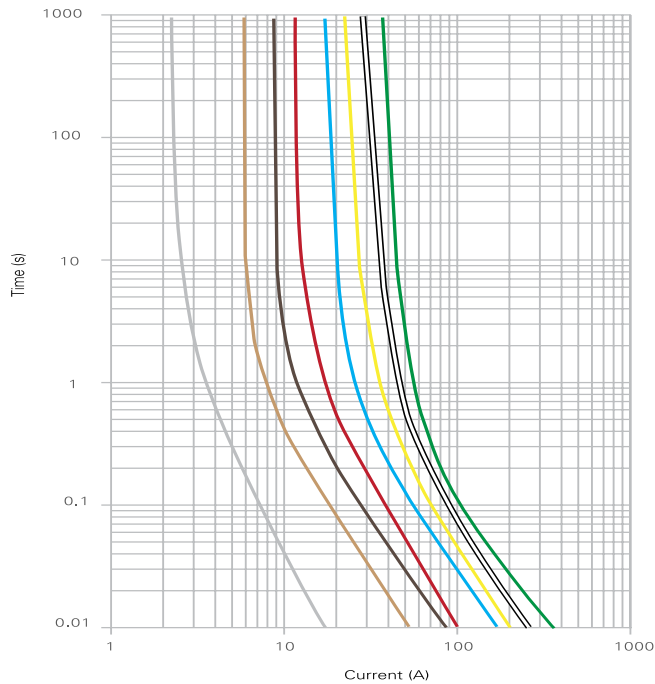
Dimensions in mm. Please refer to the outline drawing for dimensions and tolerances.



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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

2 A	15 A
5 A	20 A
7.5 A	25 A
10 A	30 A

Note: Current recommendation may be impacted by the final condition of the application (terminals characteristics, wire size etc..). Please contact Littelfuse® for more information.

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