

Low Profile MINI®
Blade Fuses

Low Profile MINI® Blade Fuses Rated 58V

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.

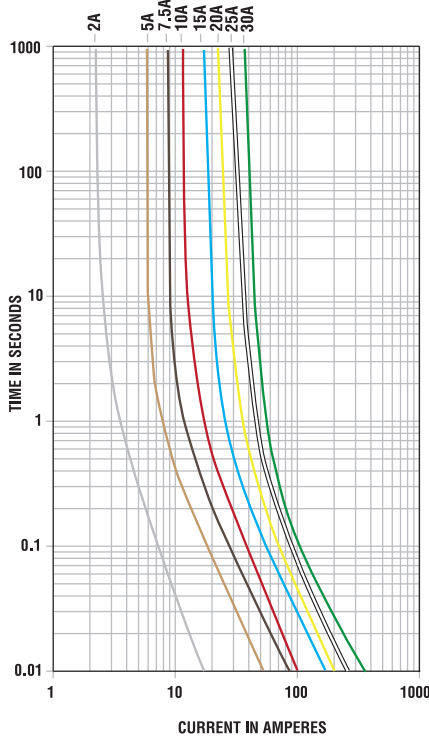
Specifications

Voltage Rating:	58 VDC
Interrupting Rating:	1000A @ 58 VDC
*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±15% gr
Complies with:	ISO 8820-9

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

RoHS

Time-Current Characteristic Curves



Ordering Information

Part Number	Rating	Package Size
0891xxx.NXS	2 - 30	5000
0891xxx.U	2 - 30	500
0891xxx.H	2 - 30	100

Time-Current Characteristics

% 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

Ratings

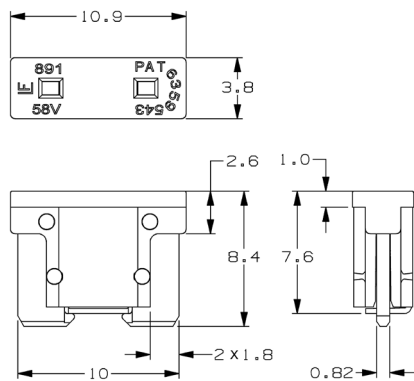
Part Number	Current Rating (A)	Housing Material Color	Test Cable Size (mm²)	Typ. Voltage Drop (mV)	Typ. Cold Resistance (mΩ)	Typ. I²t (A²s)
0891002._	2	Grey	0.5	151	54.2	3
0891005._	5	Orange	0.5	114	17.21	22
089107.5._	7.5	Brown	0.75	105	10.65	53
0891010._	10	Red	1	97	7.59	102
0891015._	15	Blue	1.5	75	4.70	198
0891020._	20	Yellow	2.5	99	3.35	420
0891025._	25	White	2.5	96	2.56	613
0891030._	30	Green	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.

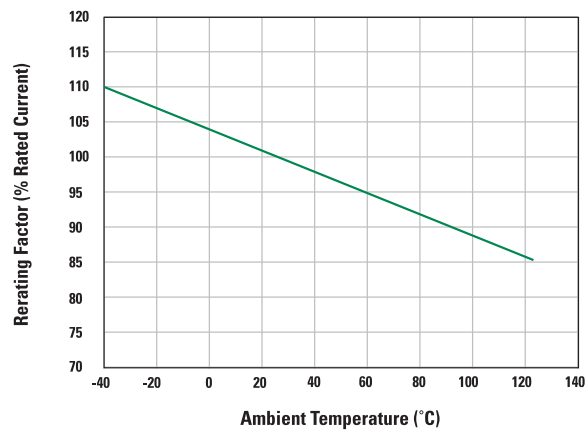
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Dimensions

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



Temperature Derating Curve



Mouser Electronics

Authorized Distributor

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