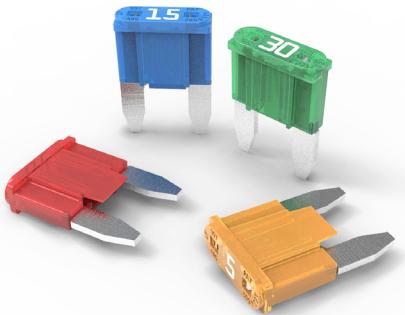


# MINI® Series

## Blade Fuses – Rated 58V



### Description

MINI® 58V blade fuses deliver space and weight savings while ensuring reliable circuit protection.

### Features & Benefits

- High-contrast ampere rating stamp on housing aids identification
- Color coding indicates ampere rating
- Rejection feature makes it impossible to replace a blown MINI 58V fuse with one that has a lower voltage rating
- Same blade size and pitch as other MINI fuses
- Checkpoints on top make it possible to measure resistance without removing the fuse
- See-through housing makes it easier to see when fuse blows
- Silver plating allows up to 150°C at the terminal interface
- Comply with ISO 8820

### Applications

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

### Additional Information



Resources



Samples

#### See Disclaimer Notice

### Specifications

<b>Voltage Rating:</b>	58 V DC
<b>Interrupting Rating:</b>	1000 A @ 58 V DC
<b>Recommended Environmental Temperature:</b>	-40 °C to +125 °C
<b>Terminals Material:</b>	Silver-plated zinc alloy *
<b>Housing Material:</b>	PA66 (UL 94 Flammability rating of V-2)
<b>Typical Weight per Fuse:</b>	0.57 g
<b>Comply With:</b>	SAE J2077, SAE 2576, ISO 8820 and UL 248 Special Purpose Fuses

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

### Ordering Information

Part Number	Current Rating (A)	Package Size
0997xxx.WXN	2 – 30	3000

# MINI® Series

## Blade Fuses – Rated 58V

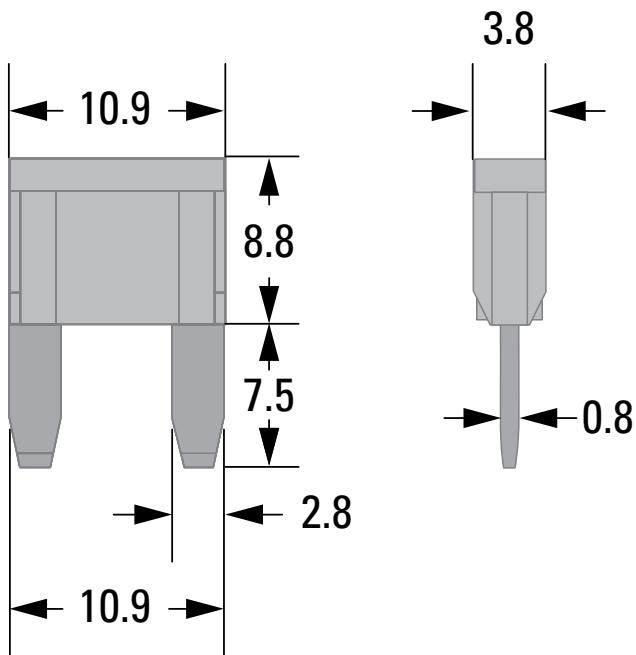
### Ratings

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)
0997002_	2	Grey	0.5	171	55.60	2.8
0997003_	3	Purple	0.5	153	33.75	9.4
0997004_	4	Pink	0.5	121	23.48	17
0997005_	5	Brown	0.5	129	17.75	25
0997075_	7.5	Brown	0.75	135	10.85	68
0997010_	10	Red	1	108	7.42	93
0997015_	15	Blue	1.5	98	4.58	270
0997020_	20	Yellow	2.5	96	3.21	380
0997025_	25	Orange	2.5	86	2.36	625
0997030_	30	Green	4	87	1.85	1100

**Note:** 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.

### Dimensions

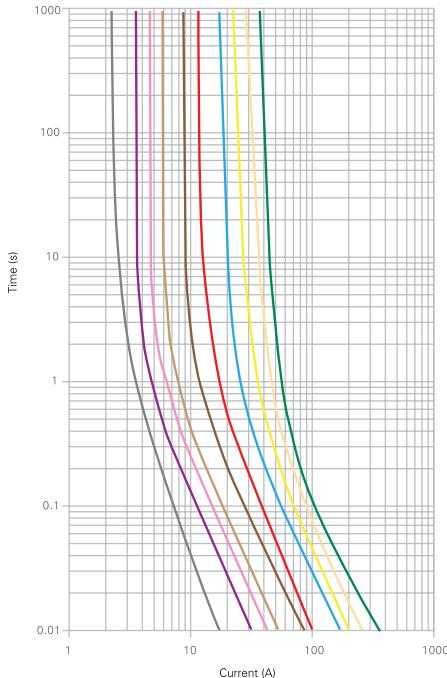
Dimensions in mm. Please refer to the outline drawing for dimensions and tolerances.



# MINI® Series

## Blade Fuses – Rated 58V

### Time-Current Characteristic



% of Rating	Opening Time Min. / Max. (s)
110	360 000 / -
135	0.75 / 600
200	0.15 / 5
350	0.08 / 0.5
600	0.03 / 0.1

— 2 A      — 10 A  
 — 3 A      — 15 A  
 — 4 A      — 20 A  
 — 5 A      — 25 A  
 — 7.5 A      — 30 A

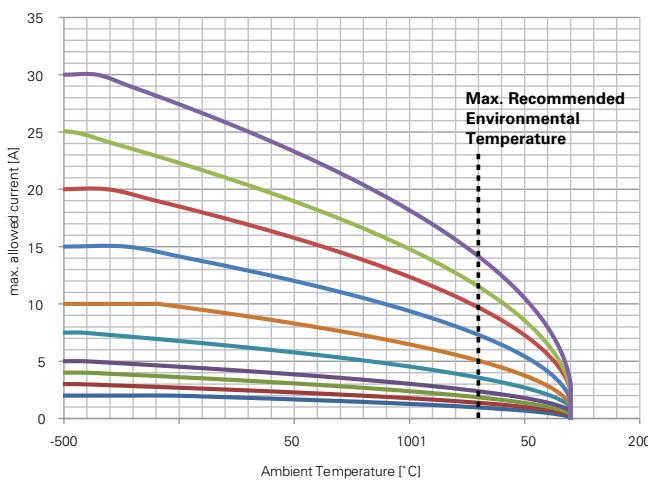
**Note:** Current recommendation may be impacted by the final condition of the application (terminals characteristics, wire size etc.). Please contact Littelfuse® for more information.

### Typical Derating Curves

Temperature security margin is 20%.

Wire cross-section and fixture test setup refer to ISO 8820-3.

Please contact Littelfuse® for Details Regarding Derating Test Set Up.



Max. allowed current load (A) at ambient temperature based on typical derating								
	-40 °C	-20 °C	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
<b>2A</b>	2.0	2.0	2.0	1.9	1.7	1.6	1.4	1.3
<b>3A</b>	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.8
<b>4A</b>	4.0	3.8	3.6	3.4	3.2	2.9	2.7	2.4
<b>5A</b>	5.0	4.8	4.5	4.3	4.0	3.7	3.4	3.0
<b>7.5A</b>	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.5
<b>10A</b>	10	10	9.8	9.2	8.6	8.0	7.3	6.5
<b>15A</b>	15	15	14	13	12	12	11	9.0
<b>20A</b>	20	19	18	17	16	15	14	12
<b>25A</b>	25	24	22	21	20	18	17	15
<b>30A</b>	30	29	27	26	24	22	20	18

— 2 A      — 10 A  
 — 3 A      — 15 A  
 — 4 A      — 20 A  
 — 5 A      — 25 A  
 — 7.5 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.

**Disclaimer Notice** - Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at <https://www.littelfuse.com/legal/disclaimers/product-disclaimer.aspx>