

# Midget 10x38mm Fuses

## BLN Series

250 V ac • Fast-acting • 1–30A



### Description

The BLN series 250 V ac fast-acting fuses provide low-cost overcurrent protection for military applications and control circuits. They supplement the primary branch-circuit fuse or breaker to provide additional backup protection. These fuses also have the capability to limit currents with fast-acting reliability.

### Features & Benefits

FEATURES	BENEFITS
<b>10x38 mm size</b>	Common dimensions used in a variety of control circuit applications
<b>Fast-acting</b>	Provides fast short-circuit response within the interrupting rating
<b>Fiber body</b>	Cost effective materials provide a lower cost alternative for supplemental circuit protection
<b>POWR-GARD® technology</b>	Ensures reliable overcurrent protection

### Applications

- Control circuits
- Military (MIL Grade) applications

### Specifications

<b>Voltage Rating</b>	Ac: 250 V
<b>Interrupting Ratings</b>	10,000 A
<b>Ampere Range</b>	1A to 30 A
<b>Applicable Standards</b>	UL 248-14
<b>Environmental</b>	RoHS, Lead Free
<b>Material</b>	Body: Paper Cap: Nickel plated bronze
<b>Country of Origin</b>	Mexico
<b>Fuse Weight</b>	.012 lbs (5.44 g)

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### Certification & Compliance

<b>UL</b>	UL Listed (File: E10480)
<b>CSA</b>	CSA Certified (File: LR29862)
<b>PSE</b>	PSE (File: NBK170305-E10480A-D)
<b>CE</b>	EU_DOC-BLN_210323
<b>RoHS</b>	RoHS 2 Directive 2011/65/EU; Directive (EU) 2015/863
<b>QPL</b>	MIL-F-15160/9

### Accessories

L60030M series fuse block  
 LPSM Touch-safe series fuse holder  
 571/572 series panel mount fuse holder

### Ordering Information

AMPERE	CATALOG NUMBER	PRODUCT MARKING	PACK QUANTITY	ORDERING NUMBER	UPC
1	BLN001	BLN 1A	10	OBLN001.T	07945811031
1.5	BLN01.5	BLN 1-½A	10	OBLN01.5T	07945801804
2	BLN002	BLN 2A	10	OBLN002.T	07945811041
3	BLN003	BLN 3A	10	OBLN003.T	07945811047
4	BLN004	BLN 4A	10	OBLN004.T	07945811053
5	BLN005	BLN 5A	10	OBLN005.T	07945811055
6	BLN006	BLN 6A	10	OBLN006.T	07945811058
8	BLN008	BLN 8A	10	OBLN008.T	07945811063
10	BLN010	BLN 10A	10	OBLN010.T	07945811065
12	BLN012	BLN 12A	10	OBLN012.T	07945811066
15	BLN015	BLN 15A	10	OBLN015.T	07945811068
20	BLN020	BLN 20A	10	OBLN020.T	07945811071
25	BLN025	BLN 25A	10	OBLN025.T	07945811072
30	BLN030	BLN 30A	10	OBLN030.T	07945811073

### Electrical Specification - Agency Requirements

AMPERAGE RATING	OPENING TIME (MINUTES)		
	100 % OF AMP RATING PER UL	135 % OF AMP RATING PER UL	200 % OF AMP RATING PER UL
1-30	Temperature Stabilization	60 Max	2 Max

### Electrical Specifications

CATALOG NUMBER	VOLTAGE AC (V)	INTERRUPTING RATING (A)	NOMINAL COLD RESISTANCE (OHMS)	AGENCY APPROVALS			
				UL	CSA	PSE	CE
BLN001	250	10,000	.3950	•	•		•
BLN01.5	250	10,000	.2220	•	•		•
BLN002	250	10,000	.1250	•	•		•
BLN003	250	10,000	.0645	•	•		•

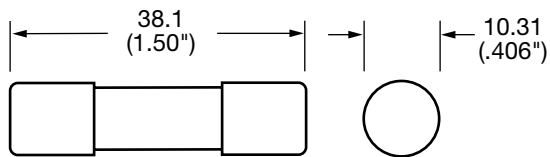
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### Electrical Specifications

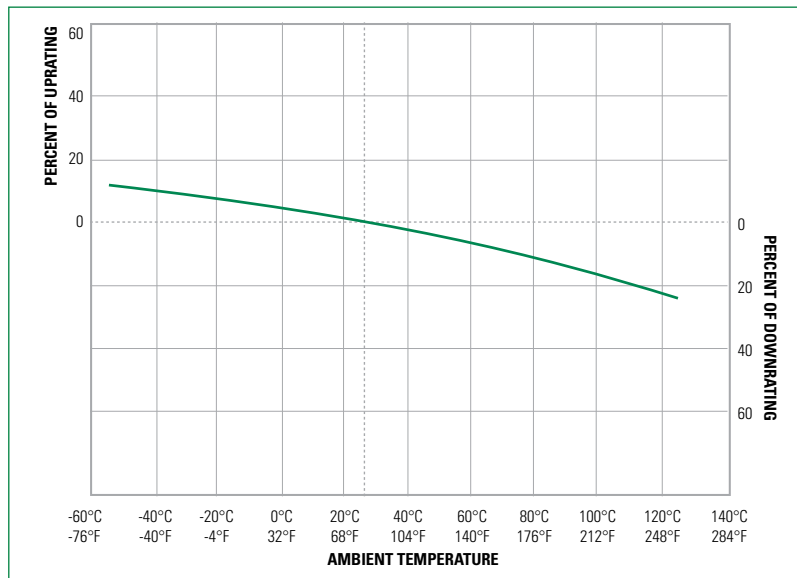
CATALOG NUMBER	VOLTAGE AC (V)	INTERRUPTING RATING (A)	NOMINAL COLD RESISTANCE (OHMS)	AGENCY APPROVALS			
				UL	CSA	PSE	CE
BLN004	250	10,000	.0432	•	•		•
BLN005	250	10,000	.0413	•	•	•	•
BLN006	250	10,000	.0284	•	•	•	•
BLN008	250	10,000	.0166	•	•	•	•
BLN010	250	10,000	.0110	•	•	•	•
BLN012	250	10,000	.0092	•	•	•	•
BLN015	250	10,000	.0068	•	•	•	•
BLN020	250	10,000	.0036	•	•	•	•
BLN025	250	10,000	.0036	•	•	•	•
BLN030	250	10,000	.0027	•	•	•	•

### Dimensions Millimeters (inches)



### Temperature Derating Curve

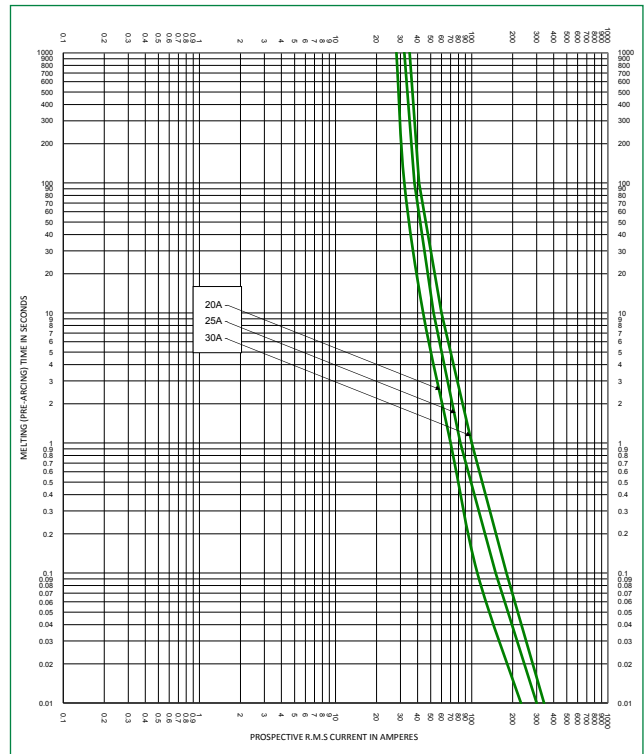
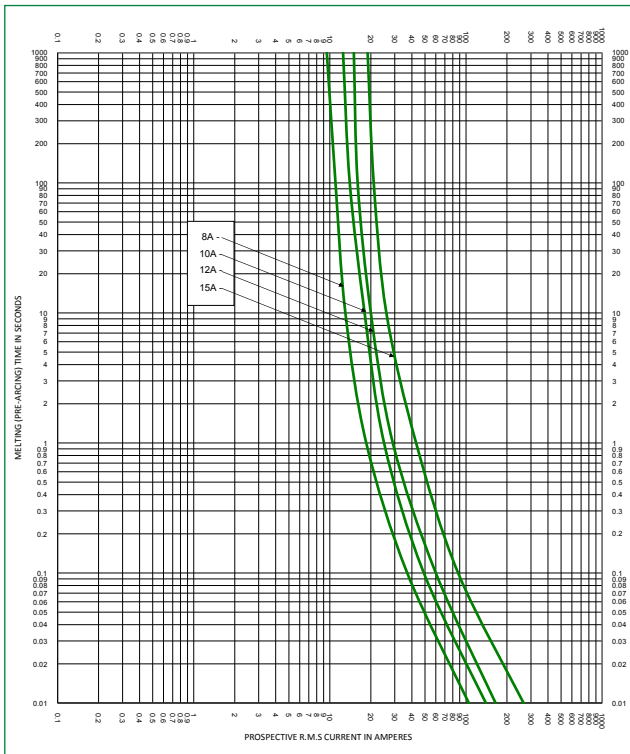
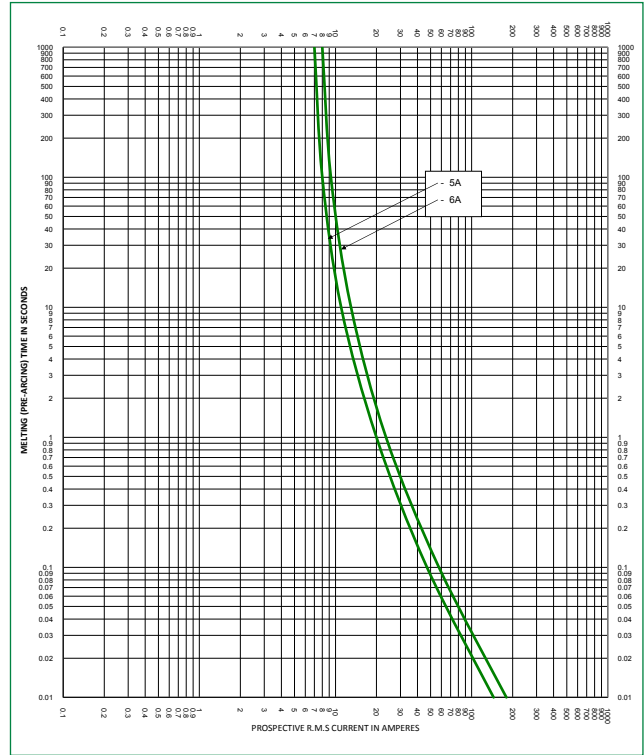
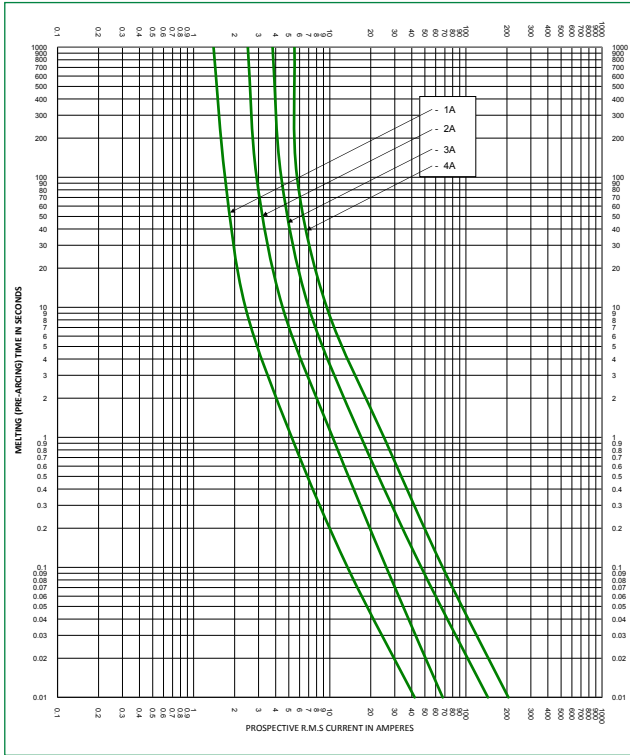
Ambient temperature: temperature of air immediately surrounding fuse



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### Time Current Curves



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