Midget 10x38mm Fuses
BLS Series

250–600 V ac • 10x35 • Fast-Acting • 2/10–10A



Description

The BLS series fast-acting fuses are 1⅜" long in comparison to other midget fuses, which are 1½" long. They provide space-saving, low-cost protection for street lighting, metering, control and electronic circuits. These fuses open circuits quickly when surges are detected, providing exceptional security for equipment requiring fast overload protection.

Features & Benefits

FEATURES	BENEFITS
Special 10x35 mm size	Suitable for applications with space constraints
Fast-acting	Provides fast, reliable overcurrent response within the interrupting rating
POWR-GARD® technology	Ensures reliable overcurrent protection

Applications

- Street lighting
- Metering
- Control and electronic circuits

Specifications

Voltage Ratings	250–600 V Ac
Ampere Range	2/10–10 A
Interrupting Rating	10,000 A
Environmental	RoHS; Lead Free
Material	Body: Paper; Cap: Nickel-plated bronze
Applicable Standards	UL 248-14
Country of Origin	Mexico

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Certification & Compliance

UL	UL Listed (File: E10480)
CSA	CSA Certified (File: LR29862)
CE	EU_DOC-BLS_220301
RoHS	RoHS 2 Directive 2011/65/EU; Directive (EU) 2015/863

Ordering Information

AMPERE	CATALOG NUMBER	PRODUCT MARKING	PACK QUANTITY	ORDERING NUMBER	UPC	AGENCY APPROVALS	
						UL	CSA
2/10	BLS.200	BLS 2/10 A	10	0BLS.200T	07945812018	•	•
4/10	BLS.400	BLS 4/10 A	10	0BLS.400T	07945812023	•	•
½	BLS.500	BLS ½ A	10	0BLS.500T	07945812024	•	•
¾	BLS.750	BLS ¾ A	10	0BLS.750T	07945812029	•	•
8/10	BLS.800	BLS 8/10 A	10	0BLS.800T	07945800077	•	•
1	BLS001	BLS 1A	10	0BLS001.T	07945812031	•	•
			100	0BLS001.H	07945894581	•	•
1 ½	BLS01.5	BLS 1-½ A	10	0BLS01.5T	07945812037	•	•
1 6/10	BLS01.6	BLS 1-6/10 A	10	0BLS01.6T	07945812038	•	•
1 8/10	BLS01.8	BLS 1-8/10 A	10	0BLS01.8T	07945812040	•	•
2	BLS002	BLS 2A	10	0BLS002.T	07945812041	•	•
			100	0BLS002.H	07945894582	•	•
			1000	0BLS002.M	0794584583	•	•
3	BLS003	BLS 3A	10	0BLS003.T	07945812047	•	•
			100	0BLS003.H	07945894584	•	•
			1000	0BLS003.M	07945894585	•	•
4	BLS004	BLS 4A	10	0BLS004.T	07945812053	•	•
5	BLS005	BLS 5A	10	0BLS005.T	07945812055	•	•
6	BLS006	BLS 6A	10	0BLS006.T	07945812058	•	•
7	BLS007	BLS 7A	10	0BLS007.T	07945812061	•	•
8	BLS008	BLS 8A	10	0BLS008.T	07945812063	•	•
10	BLS010	BLS 10A	10	0BLS010.T	07945812065	•	•
225	JLS225	JLS 225	1	0JLS225.X	07945820089	•	•
250	JLS250	JLS 250	1	0JLS250.X	07945820090	•	•

Electrical Specifications

AMP RATING (A)	MAX VOLTAGE RATING (V)	INTERRUPTING RATING (A) AT RATED VAC.	NOMINAL COLD RESISTANCE (OHMS)
.200	600	10,000	36
.400	600	10,000	13.24
.500	600	10,000	1.25
.750	600	10,000	.591
.800	600	10,000	.524
1	600	10,000	.944
1.5	600	10,000	.190

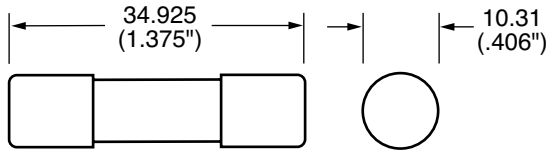
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Electrical Specifications

AMP RATING (A)	MAX VOLTAGE RATING (V)	INTERRUPTING RATING (A) AT RATED VAC.	NOMINAL COLD RESISTANCE (OHMS)
1.6	600	10,000	.180
1.8	600	10,000	.143
2	600	10,000	.2608
3	600	10,000	.128
4	600	10,000	.0464
5	600	10,000	.0330
6	250	10,000	.0182
7	250	10,000	.0145
8	250	10,000	.012
10	250	10,000	.00881

Dimensions Millimeters (inches)

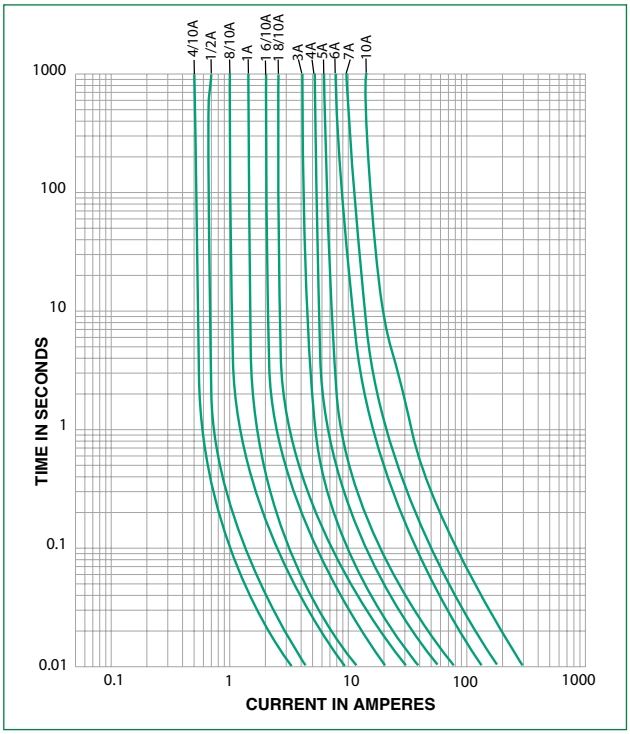


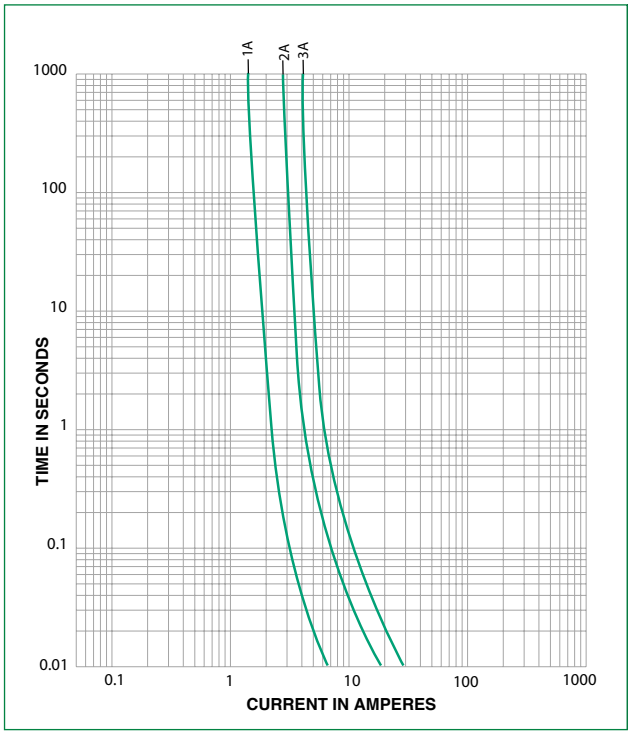
Electrical Characteristics

% OF AMPERE RATING	AMPERE RATING	OPENING TIME
100%	0–10	Until temp stabilizes
135%	0–10	1 hours, Maximum
200%	0–10	2 minutes, Maximum

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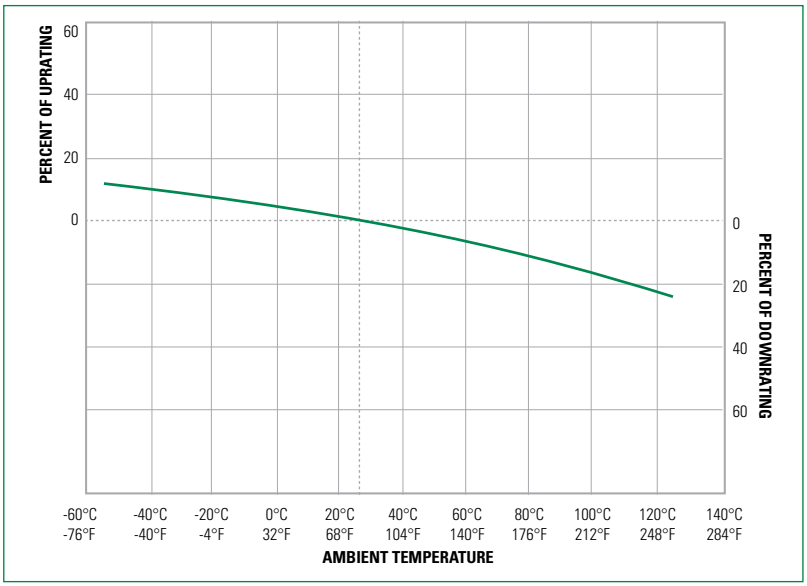
Average Time Current Curves





Temperature Rerating Curve

Ambient temperature: temperature of air immediately surrounding fuse



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