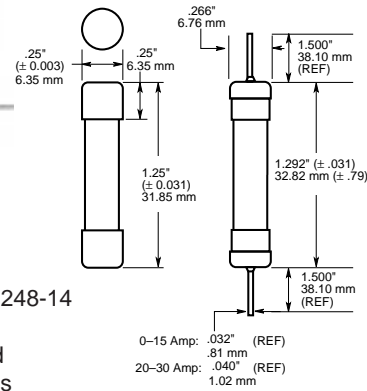


# Fast Acting Ceramic Fuses

## For 1/4" x 1-1/4" (6.3mm x 32mm)

**ABC**  
**ABC-V**



**Product Name:** ABC (3AB)  
**Characteristics:** Fast Acting  
**Agency Approvals\*:** UL/CSA #248-14  
**Construction:** Ceramic,  
 Albaloy Plated  
 Brass Endcaps

**Packaging & Ordering Information:**

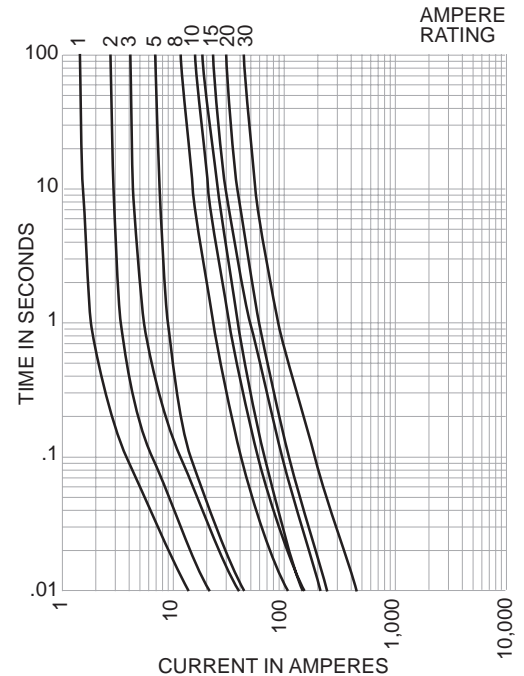
Package Code	ABC	V	(See Table)
Blank 5 in	Product Symbol	Lead	Rated Current
BK/ 100 in		Blank -no lead	
		V-Axial lead	

Weight = 1.0 lbs/100

**Time-Current Characteristics:**

Rated Current	Percent of Rating		
	110%	135%	200%
0-30	4 hrs. (min)	60 min. (max)	120 sec. (max)

**Time-Current Characteristic Curves—Average Melt (Full Size Curves Available)**



CE logo denotes compliance with European Union Low Voltage Directive (50-1000 VAC, 75-1500 VDC). Refer to BIF document #8002 or contact Bussmann Application Engineering at 314-527-1270 for more information.

**Electrical Characteristics**

Rated Current <sup>5</sup>	Rated Voltage		Interrupting Rating <sup>1</sup>		Pre-arcing I <sup>2</sup> T (A <sup>2</sup> Sec)		Typical Total Clearing <sup>3</sup> I <sup>2</sup> T (A <sup>2</sup> Sec)		Typical Voltage Drop <sup>2</sup> Volts at 100% Rated Current	Agency* Approvals		
	AC (Max.)	DC <sup>6</sup> (Max.)	AC	DC <sup>6</sup>	AC	DC <sup>6</sup>	AC	DC <sup>6</sup>		UL	UR	CSA
1/4	250V	250V	35A	35A	.02	.03	1.42	.03	3.25	•	•	•
1/2	250V	250V	35A	35A	.26	.21	1.45	2.37	.51	•	•	•
3/4	250V	250V	35A	35A	.60	.72	2.31	2.43	.42	•	•	•
1	250V	250V	35A	35A	1.47	1.27	3.27	2.85	.35	•	•	•
1 1/2	250V		100A		2.80		13.30		.35	•	•	•
2	250V		100A		4.98		15.80		.25	•	•	•
2 1/2	250V		100A		8.56		19.90		.26	•	•	•
3	250V		100A		12.30		26.90		.25	•	•	•
4	250V	250V	200A	200A	30.63	27.40	76.11	55.90	.25	•	•	•
5	250V	250V	200A	200A	19.53	21.73	46.59	445.10	.23	•	•	•
6	250V		200A		25.52		56.48		.24	•	•	•
7	250V		200A		65.23		113.60		.20	•	•	•
8	250V		200A		115.20		168.80		.17	•	•	•
10	250V	250V	200A	200A	209.60		293.80	286.70	.15	•	•	•
15	250V	250V	750A	750A	484.30	251.00	515.90	401.00	.12	•	•	•
20	250V		400A		497.00		616.00		.13	•	•	•
25	125V		1000A		830.00		1078.00		.12	•	•	•
30	125V		1000A		1220.00		1438.00		.14	•	•	•

\*Approvals: UL Listed, Std. 248-14, Guide #JDYX, File #E19180; CSA Certification Class #1422-01, File #53787; UL Recognition, Guide #JDYXZ, File #E19180.

- Interrupting ratings were measured at 70% - 80% power factor on AC, and at a time constant described in UL 198L.
- Voltage drop was measured at 25°C±3°C ambient temperature at rated current.
- I<sup>2</sup>t was measured at listed interrupting rating and rated voltage.
- Interrupting rating for ABC 1/4-15A @ 125V is 10000A. Interrupting rating listed corresponds to maximum rated voltage.
- Other available sizes include 1/16, 1/10, 1/8, 3/16, 1/4, 9, and 12.
- DC ratings are self-certified.

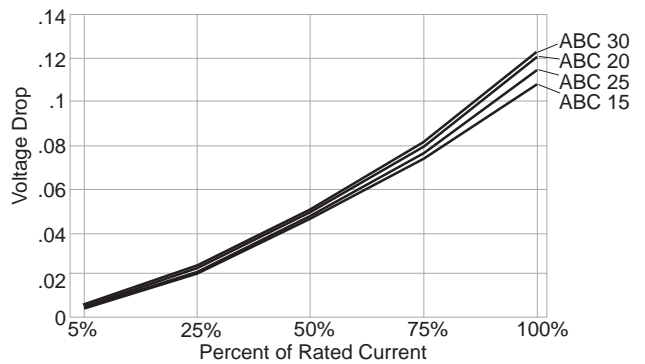
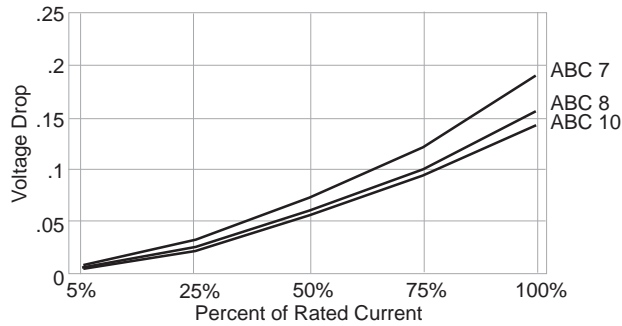
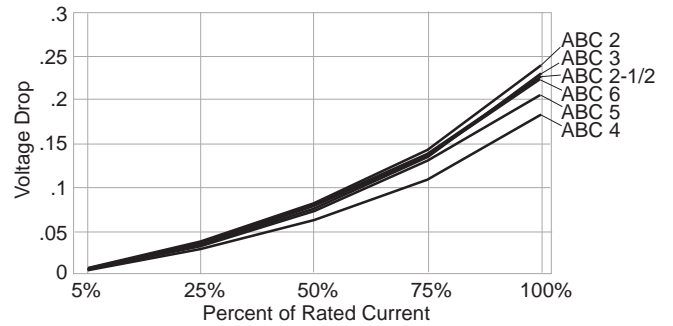
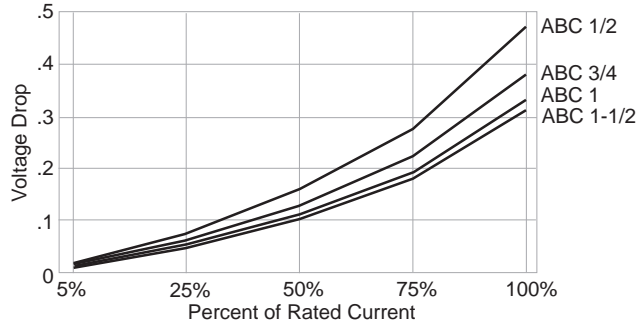


# Fast Acting Ceramic Fuses

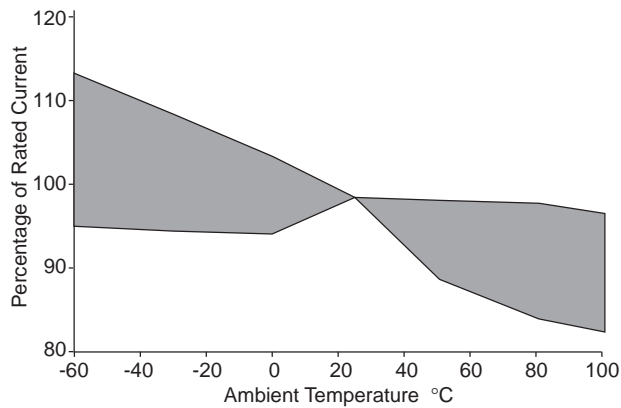
## For 1/4" x 1-1/4" (6.3mm x 32mm)

**ABC**  
**ABC-V**

### 1.0 Typical Voltage Drop (At 25° C Ambient Temperature)



### 2.0 Ambient Temperature Effect Chart (Derating Curve)



This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Bussmann also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.