Time-Delay Ceramic Fuses For 1/4" x 1-1/4" (6.3mm x 32mm)

MDA-V

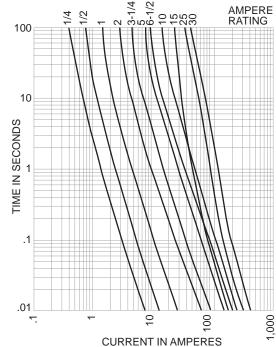


Product Name: MDA (3AB) **Characteristics:** Time-Delay

Agency Approvals*: UL/CSA 248-14

Construction: Ceramic Tube Albaloy Plated Brass Endcaps

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



Packaging & Ordering Information:

	MDA	_	V	l —	(See Table)
Package Code	Product		Lead		Rated Current
Blank 5 in	Symbol		Blank -n	o lead	
BK/ 100 in	1		V-Axial I	ead	I
Weight - 97 lbs/100					

Time-Current Characteristics:

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

C € 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

			Interrupting Rating ^{1,4}		Pre-arcing I ² T (A ² sec)		Typical Total Clearing ³ I ² T (A ² sec)		Typical Voltage Drop ² Volts at 100% Rated	Agency* Approvals	
Rated										L	CSA
Current ⁵	AC (Max.)	DC (Max.)	AC	DC	AC	DC	AC	DC	Current	l i	ຽ
2/10	250V	250V	35A	35A	.44	.40	.28	2.57	1.78	•	•
1/4	250V	250V	35A	35A	.50	.56	.70	.57	3.41	•	•
1/2	250V	250V	35A	35A	1.67	4.34	2.25	4.64	1.51	•	•
3/4	250V	250V	35A	35A	5.21	6.55	6.80	6.83	1.02	•	•
1	250V	250V	35A	35A	10.08	8.71	12.53	10.28	.96	•	•
1-1/2	250V		100A		24.50		30.00		.70	•	•
2	250V		100A	100A	36.53	24.95	73.43	73.55	.58	•	•
2-1/2	250V		100A		27.40		36.95		.23	•	•
3	250V	250V	100A		35.70		144.00		.22	•	•
4	250V		200A		141.50		165.90		.18	•	•
5	250V		200A		310.00		368.30		.17	•	•
6	250V		200A		534.30		567.20		.16	•	•
7	250V		200A		591.30		364.00		.15	•	•
8	250V		200A		898.20		906.10		.13	•	•
10	250V	250V	200A	200A	843.00	1515.00	924.50	1661.00	.12		•
15	250V	250V	1500A		238.10	216.90	359.70	299.90	.13		•
20	250V		400A		582.00		761.00		.13	•	
25	250V		1000A		1097.00		1410.00		.13		
30	250V		1000A		1565.00		2064.00		.14		

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

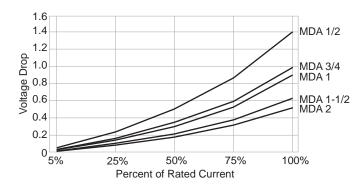
- 1. Interrupting ratings were measured at 70% 80% power factor on AC, and at a time constant described in UL 198L.
- 2. Voltage drop was measured at 25°C±3°C ambient temperature at rated current.
- I²t was measured at listed interrupting rating and rated voltage.
 Interrupting rating for MDA 1/32-15A @ 125 VAC is 10,000A. Interrupting rating listed corresponds to maximum rated voltage.
- 5. Other available sizes include 1/32, 1/16, 1/10, 1/8, 15/100, 3/10, 3/8, 4/10, 6/10, 8/10, 1-1/4, 1-6/10, 2-8/10, 3-2/10, 4-1/2, 6-1/4, and 12.
- DC ratings are self certified.

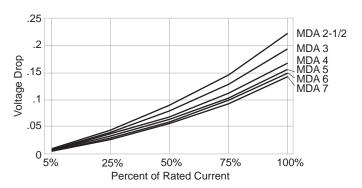


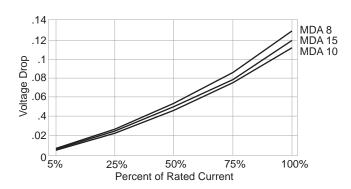
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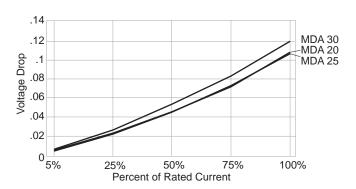
MDA-V

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

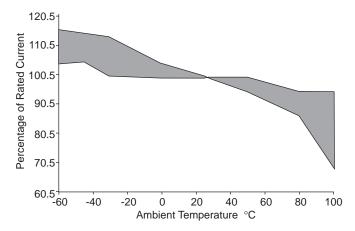








2.0 Ambient Temperature Effect Chart (Derating Curve)



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