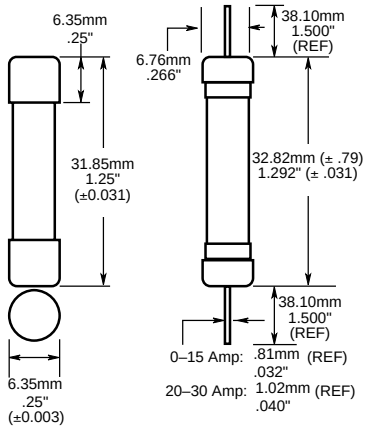
Time-Delay Ceramic Fuses
For ¼″ × 1¼″ (6.3mm × 32mm)

MDA
MDA-V

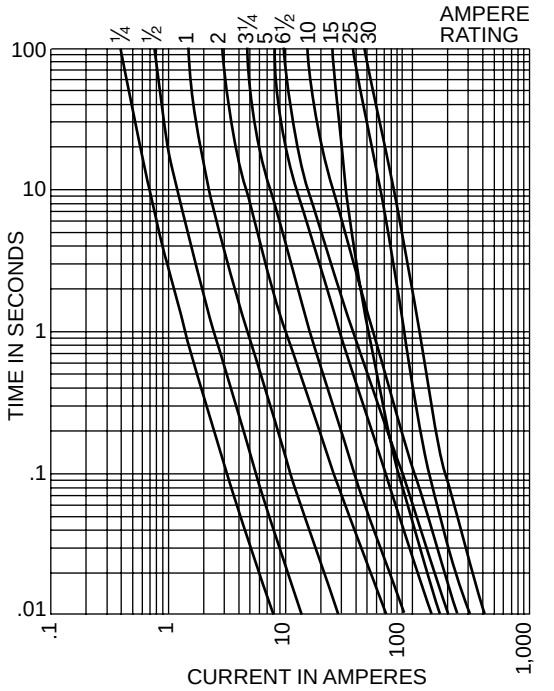


Catalog Symbol: MDA (3AB)
Time-Delay
Agency Approvals*:
U.L./CSA 248-14
Construction: Ceramic Tube
Nickel Plated Brass Endcaps

Dimensional Data



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 636-527-1270 for more information.

Packaging & Ordering Information:

		MDA	V	(See Table)
Package Code		**Product Symbol**	**Lead**	**Rated Current**
Blank 5 in	—		**Blank-no lead**	
BK/ 100 in			**V-Axial lead**	
Weight = .97 lbs/100				

Time-Current Characteristics

Rated Current	Percent of Rating		
	110%	135%	200%
2/10-30	4 hrs. (min)	60 min. (max)	120 sec. (max)

Electrical Characteristics

Rated Current[5]	Rated Voltage[6]		Interrupting Rating[1,4,7]		Pre-arcing I^2t (A^2Sec)		Typical Total Clearing[3] I^2t (A^2Sec)		Typical Voltage Drop[2] Volts at 100% Rated Current	Agency* Approvals		
	AC (Max.)	DC (Max.)	AC	DC	AC	DC	AC	DC		UL	UR	CSA
2/10	250V	250V	35A	35A	.44	.40	.28	2.57	1.78	•		•
¼	250V	250V	35A	35A	.50	.56	.70	.57	3.41	•		•
½	250V	250V	35A	35A	1.67	4.34	2.25	4.64	1.51	•		•
¾	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	•		•
1½	250V		100A		24.50		30.00		.70	•		•
2	250V		100A	100A	36.53	24.95	73.43	73.55	.58	•		•
2½	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	750		238.10	216.90	359.70	299.90	.13	•		•
20	250V		1500		582.00		761.00		.13	•		
25	250V		1500		1097.00		1410.00		.13		•	
30	250V		1500		1565.00		2064.00		.14		•	

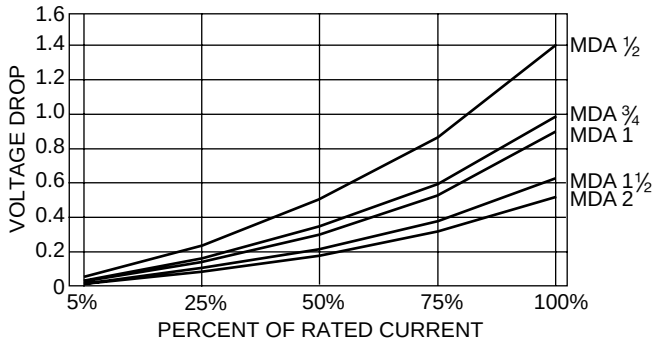
*Approvals: U.L. Listed, Std. 248-14, Guide JDYX, File E19180; CSA Certification, Class 1422-01, File 53787.

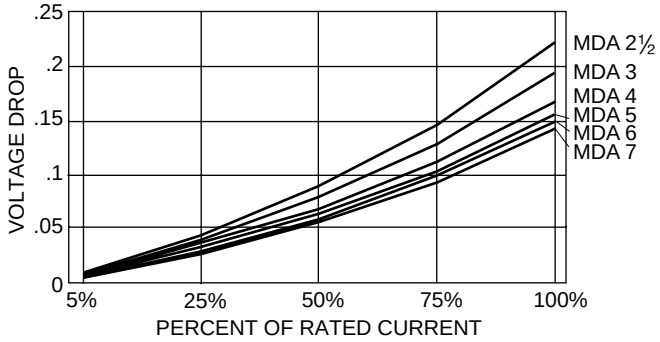
1. Interrupting ratings for 1/32-2VA were measured at 70% - 80% power factor on AC, and at a time constant described in U.L. 198L.
2. Voltage drop was measured at 25°C±3°C ambient temperature at rated current.
3. I^2t was measured at listed interrupting rating and rated voltage.
4. Interrupting rating for MDA 1/32-30A @ 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, 1¼, 1 6/10, 2 8/10, 3 2/10, 4½, 6¼, and 12.
6. DC ratings are self certified.
7. Interrupting ratings for 25A, 30A were measured at 90%-100% power factor on AC.

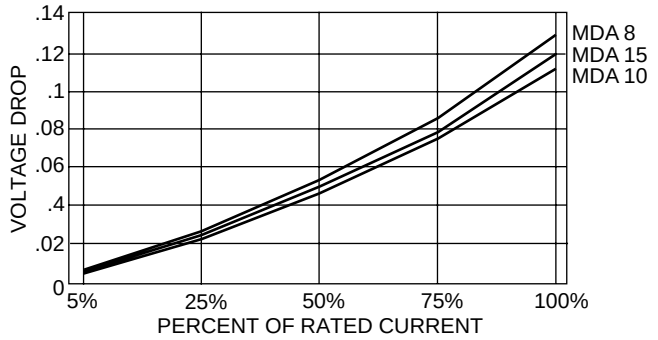
Time-Delay Ceramic Fuses
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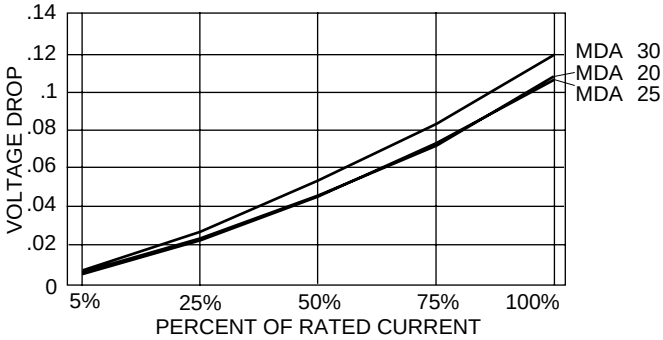
MDA
MDA-V

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

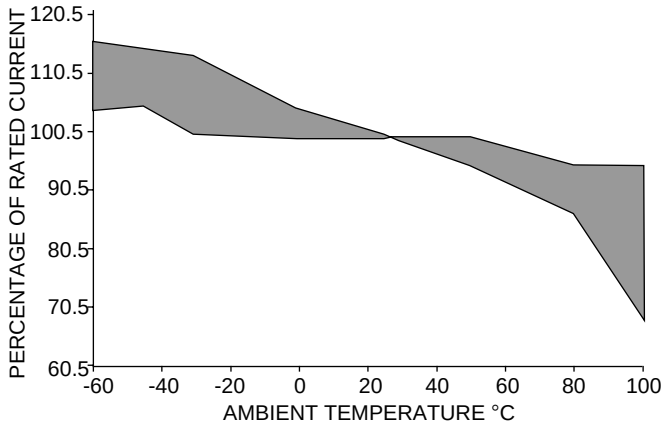








2.0 Ambient Temperature Effect Chart (Derating Curve)



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