

Fast Acting Glass Fuses

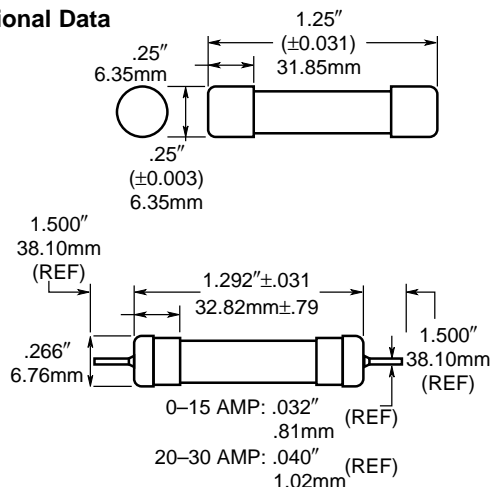
For 1/4" x 1-1/4" (6.3mm x 32mm)

AGC

AGC-V



Dimensional Data



Product Name: AGC (3AG)
Characteristics: Fast Acting
***Agency Approvals:** UL/CSA 248-14
Construction: Glass Tube
 Albaloy Plated Brass Endcaps

Electrical Characteristics

Rated Current	Rated Voltage		Interrupting Rating ¹		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 Current	Agency* Approvals		
	AC (Max.)	DC ⁶ (Max.)	AC	DC ⁶	AC	DC ⁶	AC	DC ⁶		U.L.	U.R.	CSA
1/20	250V	250V	35A	35A	2.60 x 10 ⁻⁴	4.09	6.50 x 10 ⁻⁴	7.94	.67	.	.	.
1/16	250V	250V	35A	35A	2.40 x 10 ⁻⁴	7.60 x 10 ⁻⁵	3.40 x 10 ⁻⁴	2.12 x 10 ⁻⁴	10.41	.	.	.
1/10	250V	250V	35A	35A	5.50 x 10 ⁻⁴	4.77 x 10 ⁻⁴	1.01 x 10 ⁻³	1.27 x 10 ⁻³	6.00	.	.	.
1/8	250V	250V	35A	35A	.003	.002	.69	.003	4.67	.	.	.
3/16	250V	250V	35A	35A	.008	.007	.84	.011	4.12	.	.	.
2/10	250V	250V	35A	35A	.011	.008	.74	.013	4.51	.	.	.
1/4	250V	250V	35A	35A	.015	.014	.38	.049	.89	.	.	.
3/10	250V	250V	35A	35A	.044	.040	1.57	.051	2.88	.	.	.
3/8	250V	250V	35A	35A	.091	.072	2.59	.118	4.59	.	.	.
45/100	250V	250V	35A	35A	.12	.09	2.78	2.67	2.67	.	.	.
1/2	250V	250V	35A	35A	.28	.24	2.75	1.41	.59	.	.	.
3/4	250V	250V	35A	35A	.82	.80	3.69	1.49	.37	.	.	.
1	250V	250V	35A	35A	1.50	1.44	5.21	2.87	.31	.	.	.
1-1/4	250V	250V	100A	100A	1.95	2.14	10.69	9.66	.35	.	.	.
1-1/2	250V	250V	100A	100A	3.44	3.80	16.41	19.08	.27	.	.	.
2	250V	250V	100A	100A	5.4	-	22.14	-	.28	.	.	.
2-1/4	250V	250V	100A	100A	6.0	5.93	19.04	15.70	.26	.	.	.
2-1/2	250V	250V	100A	100A	5.3	7.36	19.70	14.67	.31	.	.	.
3	250V	250V	100A	100A	12.19	13.25	27.29	24.07	.25	.	.	.
4	250V	250V	200A	200A	25.08	27.57	74.91	51.20	.22	.	.	.
5	250V	250V	200A	200A	7.08	7.19	39.80	22.70	.23	.	.	.
6	250V	250V	200A	200A	10.52	11.60	59.49	30.60	.23	.	.	.
7	250V	250V	200A	200A	13.27	14.20	67.68	42.30	.23	.	.	.
8	250V	250V	200A	200A	24.56	25.59	104.90	55.81	.19	.	.	.
9	250V	250V	200A	200A	211.00	205.33	238.40	274.00	.18	.	.	.
10	250V	250V	200A	200A	240.30	268.00	315.70	322.00	.20	.	.	.
15	32V		1000A		577.00		691.00		.14	.	.	.
20	32V		1000A		1241.00		1450.00		.12	.	.	.
25	32V		1000A		2276.00		2588.00		.11	.	.	.
30	32V		1000A		3812.00		4098.00		.12	.	.	.

* Approvals: UL Listed, Std. 248-14, Guide #JDYX, File #E19180; CSA Certification, Class #1422-01, File #53787; AGC & AGC-V UL Recognition, Guide #JDYX2, 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.
- I²t was measured at listed interrupting rating and rated voltage.
- Interrupting rating for AGC 1/500-10A @ 125V is 10000A. Interrupting rating listed corresponds to maximum rated voltage.
- Other available sizes include: 1/500, 1/200, 1/100, 1/50, 1/32, 15/100, 175/1000, 1/3, 4/10, 6/10, 8/10, 1-2/10, 1-3/10, 1-6/10, 1-3/4, 1-8/10, 3-2/10, 3-1/2, 4-1/2, 6-1/4, 7-1/2, 12, and 14.
- 1-10A, UL Recognized for 125 VDC and 500 AIC. Other DC ratings are self-certified.

Time-Current Characteristics:

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

Packaging & Ordering Information:

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.

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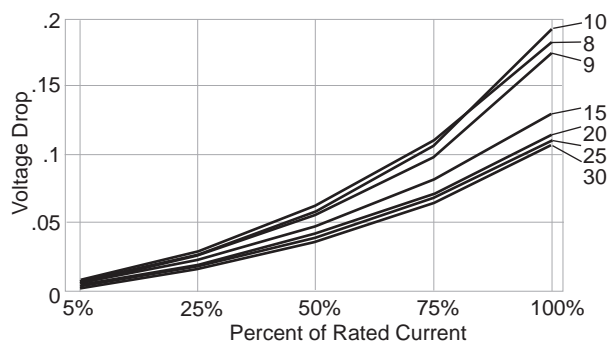
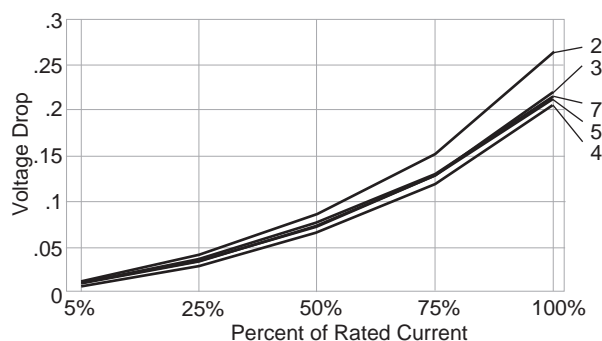
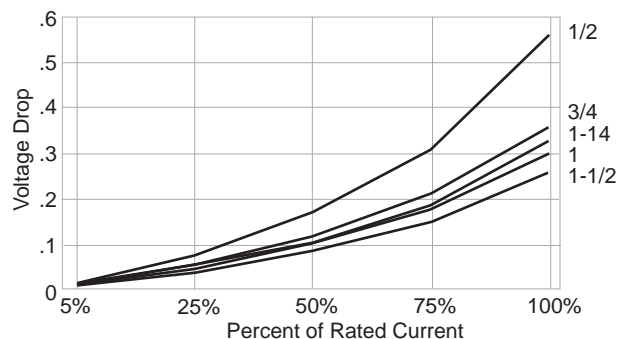
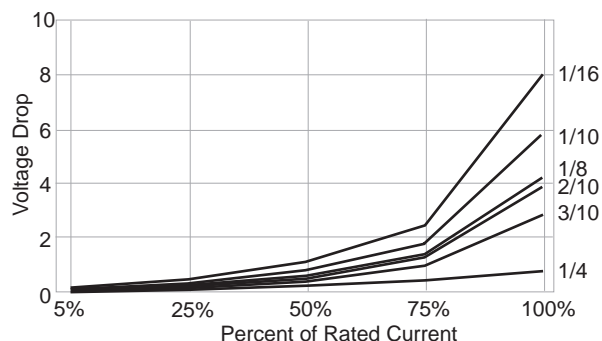


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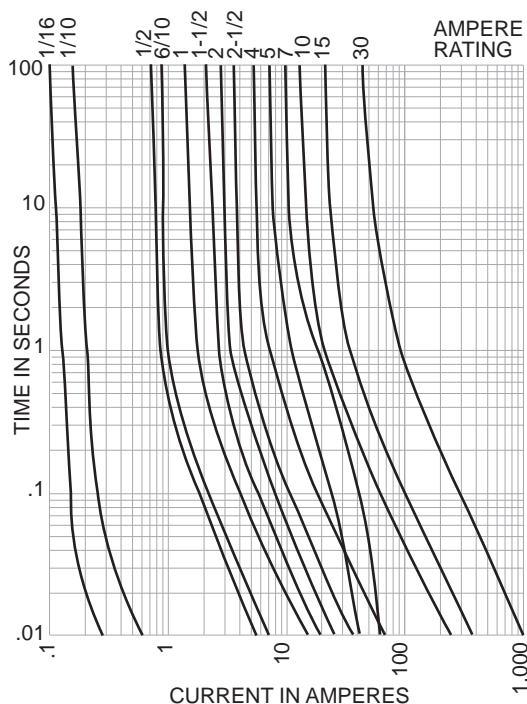
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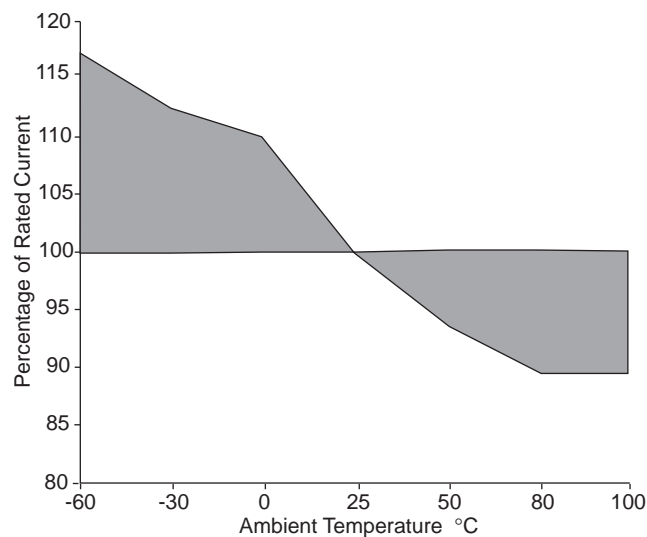
1.0 Typical Voltage Drop (At 25° C Ambient Temperature)



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



2.0 Ambient Temperature Effect Chart (Derating Curve)



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