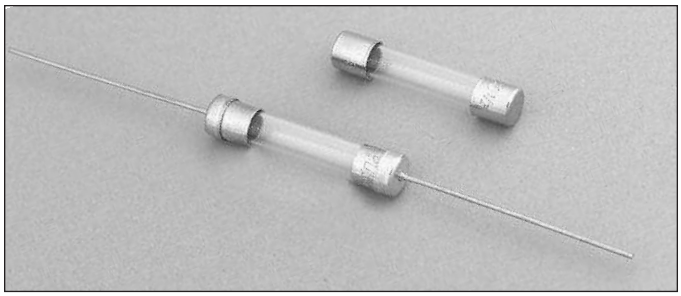
COOPER Bussmann

Fast-Acting ¼" x 1 ¼" Glass Tube Fuses
AGC Series

RoHS



Description

- Fast-acting
- Optional axial leads available
- ¼" x 1 ¼" (6.3 x 32mm) physical size
- Glass tube, nickel-plated brass endcap construction
- UL Listed product meets standard 248-14

Agency Information

- UL Listed Card: AGC 1/20-10
- UL Recognition Card: AGC 11-40
- CSA Component Acceptance Card (Class No. 1422 30)
- CSA Certification Card (Class No. 1422 01)

Environmental Data

- Shock: 1/20 - ¾A – MIL-STD-202, Method 213, Test Condition I; 1 - 30A – MIL-STD-202, Method 207, (HI Shock)
- Vibration: 1/20 - 30A – MIL-STD-202,Method 204, Test Condition A (Except 5g, 500Hz)

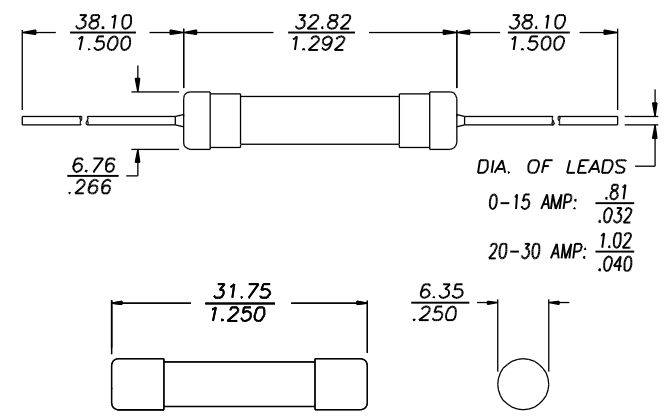
Ordering

- Specify packaging code prefix, part number and option code suffix (if applicable)

Specifications

- See page 2

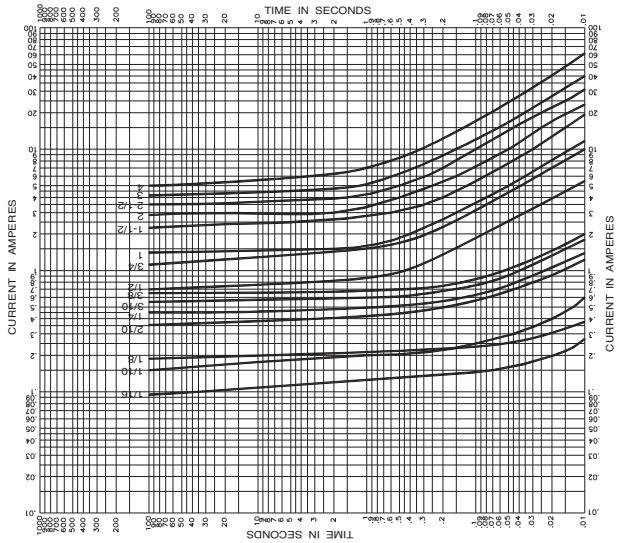
Dimensions - in

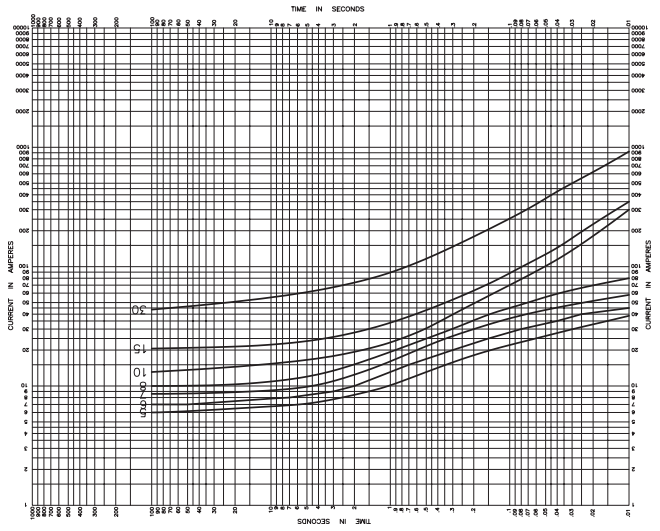


			SPECIFICATIONS					
Non-RoHS Part Number	RoHS Part Number	AC Voltage Rating	AC Interrupting Rating (amps)			Typical DC Cold Resistance* (Ω)	Typical Melting $I^2t^†$ AC	Typical Voltage Drop‡
			250	125	32			
AGC-1/20	AGC-1/20-R	250	35	10,000	—	4.500	0.00773	0.67
AGC-1/10	AGC-1/10-R	250	35	10,000	—	12.565	0.000787	6.00
AGC-1/8	AGC-1/8-R	250	35	10,000	—	6.800	0.00131	4.67
AGC-3/16	AGC-3/16-R	250	35	10,000	—	4.900	0.00637	4.12
AGC-2/10	AGC-2/10-R	250	35	10,000	—	3.360	0.00435	4.51
AGC-1/4	AGC-1/4-R	250	35	10,000	—	2.300	0.0148	0.89
AGC-3/10	AGC-3/10-R	250	35	10,000	—	1.670	0.0208	2.88
AGC-3/8	AGC-3/8-R	250	35	10,000	—	1.203	0.0321	4.59
AGC-1/2	AGC-1/2-R	250	35	10,000	—	0.615	0.269	0.59
AGC-3/4	AGC-3/4-R	250	35	10,000	—	0.312	0.815	0.37
AGC-1	AGC-1-R	250	35	10,000	—	0.190	1.615	0.31
AGC-1-1/4	AGC-1-1/4-R	250	100	10,000	—	0.145	0.018	0.35
AGC-1-1/2	AGC-1-1/2-R	250	100	10,000	—	0.115	0.0149	0.27
AGC-2	AGC-2-R	250	100	10,000	—	0.078	0.00509	0.28
AGC-2-1/4	AGC-2-1/4-R	250	100	10,000	—	0.067	0.00588	0.26
AGC-2-1/2	AGC-2-1/2-R	250	100	10,000	—	0.057	0.00879	0.31
AGC-3	AGC-3-R	250	100	10,000	—	0.045	0.0167	0.25
AGC-4	AGC-4-R	250	200	10,000	—	0.030	0.0305	0.22
AGC-5	AGC-5-R	250	200	10,000	—	0.024	0.045	0.23
AGC-6	AGC-6-R	250	200	10,000	—	0.020	0.071	0.23
AGC-7	AGC-7-R	250	200	10,000	—	0.017	0.105	0.23
AGC-7-1/2	AGC-7-1/2-R	250	200	10,000	—	0.0146	—	—
AGC-8	AGC-8-R	250	200	10,000	—	0.014	0.152	0.19
AGC-9	AGC-9-R	250	200	10,000	—	0.012	0.21	0.18
AGC-10	AGC-10-R	250	200	10,000	—	0.008	0.492	0.20
AGC-12	AGC-12-R	32	—	—	1000	0.0070	—	—
AGC-14	AGC-14-R	32	—	—	1000	0.0062	—	—
AGC-15	AGC-15-R	32	—	—	1000	0.006	0.566	0.14
AGC-20	AGC-20-R	32	—	—	1000	0.004	1.438	0.12
AGC-25	AGC-25-R	32	—	—	1000	0.003	2.109	0.11
AGC-30	AGC-30-R	32	—	—	1000	0.002	3.807	0.12
AGC-35	AGC-35-R	32	—	—	70	0.0014	—	—
AGC-40	AGC-40-R	32	—	—	80	0.0019	—	—

* DC Cold Resistance (Measured at ≤10% of rated current)
† Typical Melting I^2t (A^2Sec) (I^2t was measured at listed interrupting rating and rated voltage.)
‡ Typical Voltage Drop (Voltage drop was measured at 25°C ambient temperature at rated current)

Time-Current Curves





Packaging Code Prefix	
Code	**Description**
BK	100 pieces of fuses packed into a cardboard carton with flaps folded
BK1	1000 pieces of fuses packed into a cardboard carton with flaps folded
BK8	8000 pieces of fuses packed into a cardboard carton with flaps folded
Option Code Suffix	
Code	**Description**
B	Board Washable - Hermetically sealed to withstand aqueous cleaning
V	Axial leads - copper tinned wire with nickel-plated brass overcaps
-R	RoHS Compliant version

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