

AGC

1/4" x 1 1/4" Fast-acting glass tube fuses



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 - 3/4A – 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)

Product features

- Fast-acting
- Optional axial leads available
- 1/4" x 1 1/4" (6.3 x 32mm) physical size
- Glass tube, nickel-plated brass endcap construction
- UL Listed product meets standard 248-14

Ordering

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

Part Number	AC Voltage Rating	SPECIFICATIONS					
		AC Interrupting Rating (amps)			Typical DC Cold Resistance* (Ω)	Typical Melting I ² t AC	Typical Voltage Drop [‡]
		250	125	32			
AGC- 1/20-R	250	35	10,000	—	4.500	0.00773	0.67
AGC- 1/40-R	250	35	10,000	—	12.565	0.000787	6.00
AGC- 1/80-R	250	35	10,000	—	6.800	0.00131	4.67
AGC- 1/160-R	250	35	10,000	—	4.900	0.00637	4.12
AGC- 1/320-R	250	35	10,000	—	3.360	0.00435	4.51
AGC- 1/640-R	250	35	10,000	—	2.300	0.0148	0.89
AGC- 1/1280-R	250	35	10,000	—	1.670	0.0208	2.88
AGC- 1/2560-R	250	35	10,000	—	1.203	0.0321	4.59
AGC- 1/5120-R	250	35	10,000	—	0.615	0.269	0.59
AGC- 1/10240-R	250	35	10,000	—	0.312	0.815	0.37
AGC-1-R	250	35	10,000	—	0.190	1.615	0.31
AGC-1- 1/2-R	250	100	10,000	—	0.145	0.018	0.35
AGC-1- 1/4-R	250	100	10,000	—	0.115	0.0149	0.27
AGC-2-R	250	100	10,000	—	0.078	0.00509	0.28
AGC-2- 1/2-R	250	100	10,000	—	0.067	0.00588	0.26
AGC-2- 1/4-R	250	100	10,000	—	0.057	0.00879	0.31
AGC-3-R	250	100	10,000	—	0.045	0.0167	0.25
AGC-4-R	250	200	10,000	—	0.030	0.0305	0.22
AGC-5-R	250	200	10,000	—	0.024	0.045	0.23
AGC-6-R	250	200	10,000	—	0.020	0.071	0.23
AGC-7-R	250	200	10,000	—	0.017	0.105	0.23
AGC-7- 1/2-R	250	200	10,000	—	0.0146	—	—
AGC-8-R	250	200	10,000	—	0.014	0.152	0.19
AGC-9-R	250	200	10,000	—	0.012	0.21	0.18
AGC-10-R	250	200	10,000	—	0.008	0.492	0.20
AGC-12-R	32	—	—	1000	0.0070	—	—
AGC-14-R	32	—	—	1000	0.0062	—	—
AGC-15-R	32	—	—	1000	0.006	0.566	0.14
AGC-20-R	32	—	—	1000	0.004	1.438	0.12
AGC-25-R	32	—	—	1000	0.003	2.109	0.11
AGC-30-R	32	—	—	1000	0.002	3.807	0.12
AGC-35-R	32	—	—	1000	0.0014	—	—
AGC-40-R	32	—	—	1000	0.0019	—	—

* DC Cold Resistance (Measured at ≤10% of rated current)
† Typical Melting I²t (A²Sec) (I²t 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



Dimensions - mm/in



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
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

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