

1/4" x 1-1/4" Fuses

AGC Series, Fast Acting, Glass Tube

Description

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



| ELECTRICAL CHARACTERISTICS | |
|----------------------------|---------------------|
| % of Amp Rating | Opening Time |
| 100% | None |
| 135% | 60 Minutes Maximum |
| 200% | 120 Seconds Maximum |

Agency Information

- UL Listed Card: AGC 1/500-10
- UL Recognition Card: AGC 11-45
- CSA Component Acceptance Card (Class No. 1422 30)
- CSA Certification Card (Class No. 1422 01)

Environmental Data

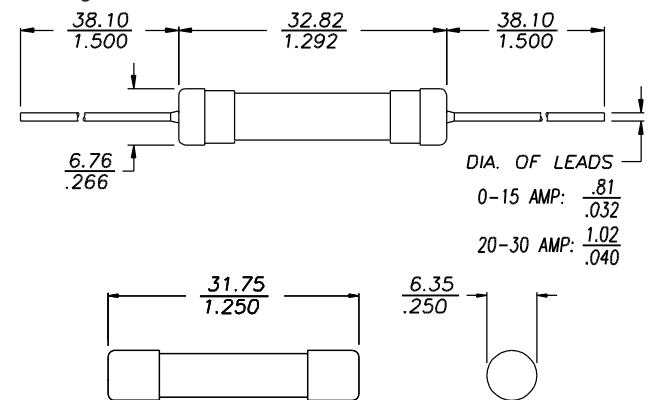
- Shock: 1/100A thru 3/4A – MIL-STD-202, Method 213, Test Condition I; 1A thru 30A – MIL-STD-202, Method 207, (HI Shock)
- Vibration: 1/100A thru 30A – MIL-STD-202, Method 204, Test Condition A (Except 5g, 500HZ)

Ordering

- Specify packaging, product, and option code

Dimensions (mm/in)

Drawing Not to Scale



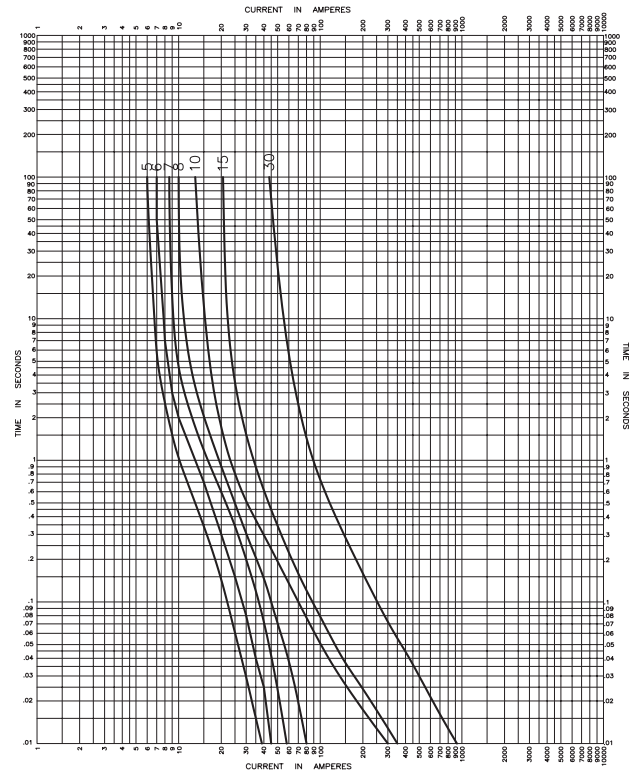
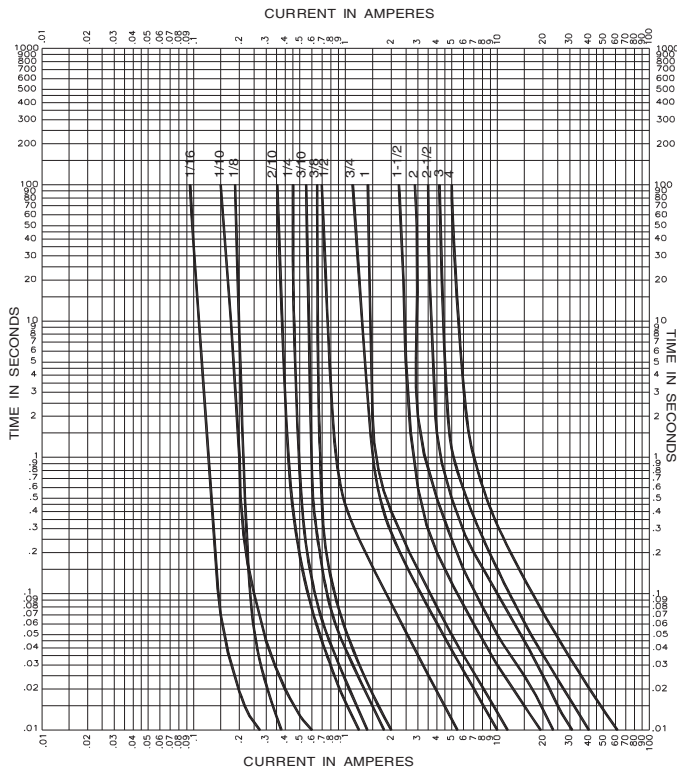
| SPECIFICATIONS | | | | | | | |
|----------------|-------------------|------------------------|--------|-------|-------------------------------------|--------------------------------------|-----------------------|
| Product Code | Voltage Rating AC | AC Interrupting Rating | | | Typical DC Cold Resistance** (ohms) | Typical Melting I ² t† AC | Typical Voltage Drop‡ |
| | | 250V | 125V | 32V | | | |
| AGC-1/20 | 250V | 35A | 10000A | - | 4.500 | 0.00773 | 0.67 |
| AGC-1/16 | 250V | 35A | 10000A | - | 29.000 | 0.000181 | 10.41 |
| AGC-1/10 | 250V | 35A | 10000A | - | 12.565 | 0.000787 | 6.00 |
| AGC-1/8 | 250V | 35A | 10000A | - | 6.800 | 0.00131 | 4.67 |
| AGC-3/16 | 250V | 35A | 10000A | - | 4.900 | 0.00637 | 4.12 |
| AGC-2/10 | 250V | 35A | 10000A | - | 3.360 | 0.00435 | 4.51 |
| AGC-1/4 | 250V | 35A | 10000A | - | 2.300 | 0.0148 | 0.89 |
| AGC-3/10 | 250V | 35A | 10000A | - | 1.670 | 0.0208 | 2.88 |
| AGC-3/8 | 250V | 35A | 10000A | - | 1.203 | 0.0321 | 4.59 |
| AGC-1/2 | 250V | 35A | 10000A | - | 0.615 | 0.269 | 0.59 |
| AGC-3/4 | 250V | 35A | 10000A | - | 0.312 | 0.815 | 0.37 |
| AGC-1 | 250V | 35A | 10000A | - | 0.190 | 1.615 | 0.31 |
| AGC-1-1/4 | 250V | 100A | 10000A | - | 0.145 | 0.018 | 0.35 |
| AGC-1-1/2 | 250V | 100A | 10000A | - | 0.115 | 0.0149 | 0.27 |
| AGC-2 | 250V | 100A | 10000A | - | 0.078 | 0.00509 | 0.28 |
| AGC-2-1/4 | 250V | 100A | 10000A | - | 0.067 | 0.00588 | 0.26 |
| AGC-2-1/2 | 250V | 100A | 10000A | - | 0.057 | 0.00879 | 0.31 |
| AGC-3 | 250V | 100A | 10000A | - | 0.045 | 0.0167 | 0.25 |
| AGC-4 | 250V | 200A | 10000A | - | 0.030 | 0.0305 | 0.22 |
| AGC-5 | 250V | 200A | 10000A | - | 0.024 | 0.045 | 0.23 |
| AGC-6 | 250V | 200A | 10000A | - | 0.020 | 0.071 | 0.23 |
| AGC-7 | 250V | 200A | 10000A | - | 0.017 | 0.105 | 0.23 |
| AGC-7-1/2 | 250V | 200A | 10000A | - | 0.0146 | - | - |
| AGC-8 | 250V | 200A | 10000A | - | 0.014 | 0.152 | 0.19 |
| AGC-9 | 250V | 200A | 10000A | - | 0.012 | 0.21 | 0.18 |
| AGC-10 | 250V | 200A | 10000A | - | 0.008 | 0.492 | 0.20 |
| AGC-12 | 32V | - | - | 1000A | 0.0070 | - | - |
| AGC-14 | 32V | - | - | 1000A | 0.0062 | - | - |
| AGC-15 | 32V | - | - | 1000A | 0.006 | 0.566 | 0.14 |
| AGC-20 | 32V | - | - | 1000A | 0.004 | 1.438 | 0.12 |
| AGC-25 | 32V | - | - | 1000A | 0.003 | 2.109 | 0.11 |
| AGC-30 | 32V | - | - | 1000A | 0.002 | 3.807 | 0.12 |
| AGC-35 | 32V | - | - | 70A | 0.0014 | - | - |
| AGC-40 | 32V | - | - | 80A | 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 CURVE



| PACKAGING CODE | |
|----------------|--|
| Packaging Code | Description |
| BK | 100 pieces of fuses packed into a cardboard carton with flaps folded |
| BK1 | 1,000 pieces of fuses packed into a cardboard carton with flaps folded |
| BK8 | 8,000 pieces of fuses packed into a cardboard carton with flaps folded |

| OPTION CODE | |
|-------------|--|
| Option 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 |