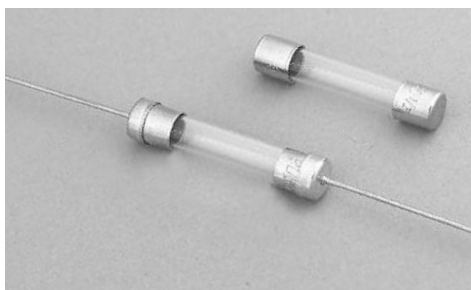


# AGC

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

RoHS



### 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

### 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)

### 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 <sup>2</sup> t AC | Typical Voltage Drop‡ |
|              |                   | 250                           | 125    | 32   |                                 |                                     |                       |
| AGC- 1/2-R   | 250               | 35                            | 10,000 | —    | 4.500                           | 0.00773                             | 0.67                  |
| AGC- 1/4-R   | 250               | 35                            | 10,000 | —    | 12.565                          | 0.000787                            | 6.00                  |
| AGC- 1/8-R   | 250               | 35                            | 10,000 | —    | 6.800                           | 0.00131                             | 4.67                  |
| AGC- 3/16-R  | 250               | 35                            | 10,000 | —    | 4.900                           | 0.00637                             | 4.12                  |
| AGC- 1/4-R   | 250               | 35                            | 10,000 | —    | 3.360                           | 0.00435                             | 4.51                  |
| AGC- 3/16-R  | 250               | 35                            | 10,000 | —    | 2.300                           | 0.0148                              | 0.89                  |
| AGC- 1/8-R   | 250               | 35                            | 10,000 | —    | 1.670                           | 0.0208                              | 2.88                  |
| AGC- 3/32-R  | 250               | 35                            | 10,000 | —    | 1.203                           | 0.0321                              | 4.59                  |
| AGC- 1/16-R  | 250               | 35                            | 10,000 | —    | 0.615                           | 0.269                               | 0.59                  |
| AGC- 1/32-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- 1/4-R | 250               | 100                           | 10,000 | —    | 0.145                           | 0.018                               | 0.35                  |
| AGC-1- 1/2-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- 1/4-R | 250               | 100                           | 10,000 | —    | 0.067                           | 0.00588                             | 0.26                  |
| AGC-2- 1/2-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)

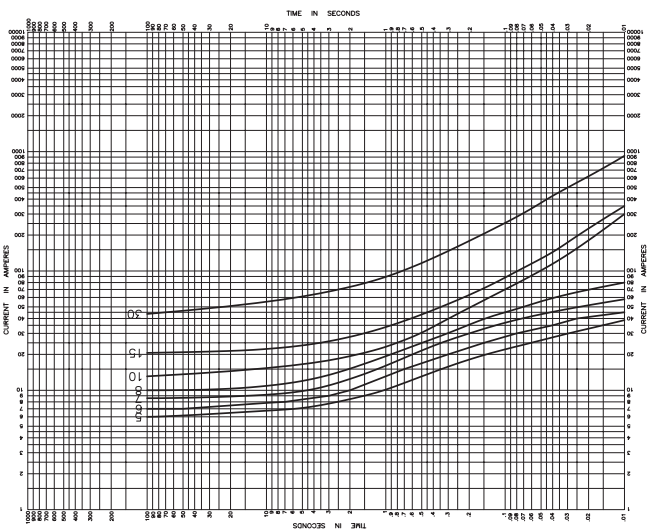
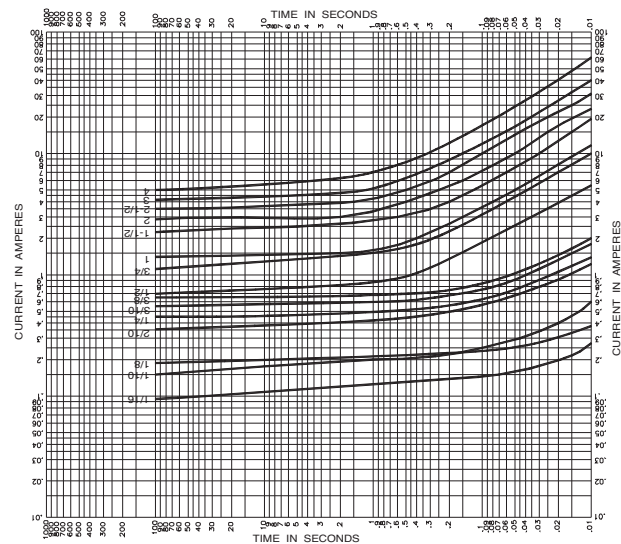
† Typical Melting I<sup>2</sup>t (A<sup>2</sup>Sec) (I<sup>2</sup>t was measured at listed interrupting rating and rated voltage.)

‡ Typical Voltage Drop (Voltage drop was measured at 25°C ambient temperature at rated current)

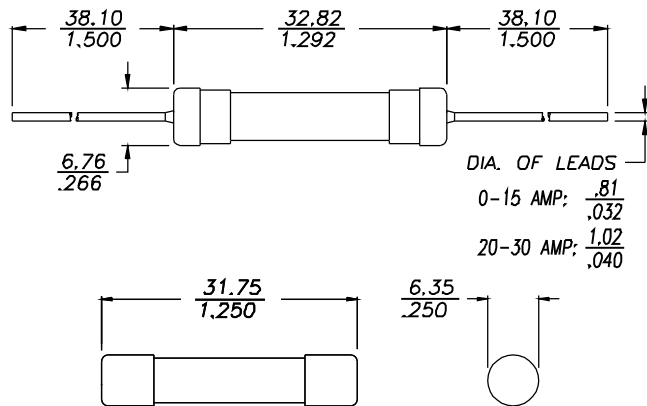
**EATON**

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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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