

Axial Lead and Cartridge Fuses

Glass Body

3AG Fast-Acting Type 312/318 Series



A standard for cost-effective reliability and performance in circuit protection, the 3AG fuse satisfies a broad range of application requirements.

ELECTRICAL CHARACTERISTICS:

| % of Ampere Rating | Ampere Rating | Opening Time |
|--------------------|---------------|-------------------------|
| 100% | 1/32–35 | 4 hours, Minimum |
| 135% | 1/32–35 | 1 hour, Maximum |
| 200% | 1/32–10 | 5 sec., Maximum |
| | 12–30 | 10 sec., Maximum |
| | 35 | 20 sec., Maximum |

AGENCY APPROVALS: Listed by Underwriters Laboratories and Certified by CSA through 30 amperes.

1/100–10 amperes listed to UL 248-14 (UL 198-G)

12–30 amperes listed to UL 275.

AGENCY FILE NUMBERS: UL E10480, CSA LR 29862.

INTERRUPTING RATING:

10,000A @ 125VAC

35A @ 250VAC

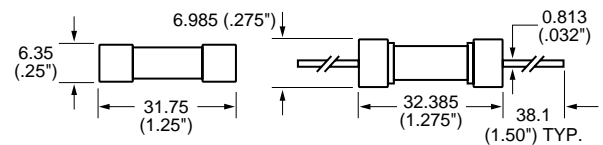
ORDERING INFORMATION:

| Cartridge Catalog Number | Axial Lead Catalog Number | Ampere Rating | Voltage Rating | Nominal Resistance Cold Ohms | Nominal Melting I ² t A ² Sec. |
|--------------------------|---------------------------|---------------|----------------|------------------------------|--|
| 312.031 | 318.031 | 1/32 | 250 | 23.3 | 0.0000300 |
| 312.062 | 318.062 | 1/16 | 250 | 24.5 | 0.000249 |
| 312.100 | 318.100 | 1/10 | 250 | 11.2 | 0.00102 |
| 312.125 | 318.125 | 1/8 | 250 | 7.10 | 0.00289 |
| 312.150 | 318.150 | 15/100 | 250 | 5.10 | 0.00550 |
| 312.175 | 318.175 | .175 | 250 | 3.85 | 0.00960 |
| 312.187 | 318.187 | 3/16 | 250 | 3.40 | 0.0128 |
| 312.200 | 318.200 | 2/10 | 250 | 3.00 | 0.0165 |
| 312.250 | 318.250 | 1/4 | 250 | 2.00 | 0.0355 |
| 312.300 | 318.300 | 3/10 | 250 | 1.40 | 0.0689 |
| 312.375 | 318.375 | 3/8 | 250 | 0.820 | 0.185 |
| 312.500 | 318.500 | 1/2 | 250 | 0.495 | 0.483 |
| 312.600 | 318.600 | 6/10 | 250 | 0.360 | 0.880 |
| 312.750 | 318.750 | 3/4 | 250 | 0.243 | 1.84 |
| 312.001 | 318.001 | 1 | 250 | 0.189 | 0.760 |
| 312.1.25 | 318.1.25 | 1 1/4 | 250 | 0.138 | 1.45 |
| 312.01.5 | 318.01.5 | 1 1/2 | 250 | 0.103 | 2.35 |
| 312.01.6 | 318.01.6 | 1 9/10 | 250 | 0.0930 | 2.80 |
| 312.1.75 | 318.1.75 | 1 3/4 | 250 | 0.0850 | 3.60 |
| 312.01.8 | 318.01.8 | 1 8/10 | 250 | 0.0820 | 3.85 |
| 312.002 | 318.002 | 2 | 250 | 0.0700 | 5.20 |
| 312.2.25 | 318.2.25 | 2 1/4 | 250 | 0.0590 | 7.20 |
| 312.02.5 | 318.02.5 | 2 1/2 | 250 | 0.0510 | 9.54 |
| 312.003 | 318.003 | 3 | 250 | 0.0424 | 14.0 |
| 312.004 | 318.004 | 4 | 250 | 0.0291 | 28.5 |
| 312.005 | 318.005 | 5 | 250 | 0.0223 | 50.0 |
| 312.006 | 318.006 | 6 | 250 | 0.0177 | 81.1 |
| 312.007 | 318.007 | 7 | 250 | 0.0145 | 118.0 |
| 312.008 | 318.008 | 8 | 250 | 0.0121 | 166.0 |
| 312.010 | 318.010 | 10 | 250 | 0.00925 | 298.0 |
| 312.012 | — | 12 | 32 | 0.0071 | — |
| 312.015 | — | 15 | 32 | 0.0052 | — |
| 312.020 | — | 20 | 32 | 0.0034 | — |
| 312.025 | — | 25 | 32 | 0.0024 | — |
| 312.030 | — | 30 | 32 | 0.0019 | — |
| 312.035 | — | 35 | 32 | 0.0013 | — |



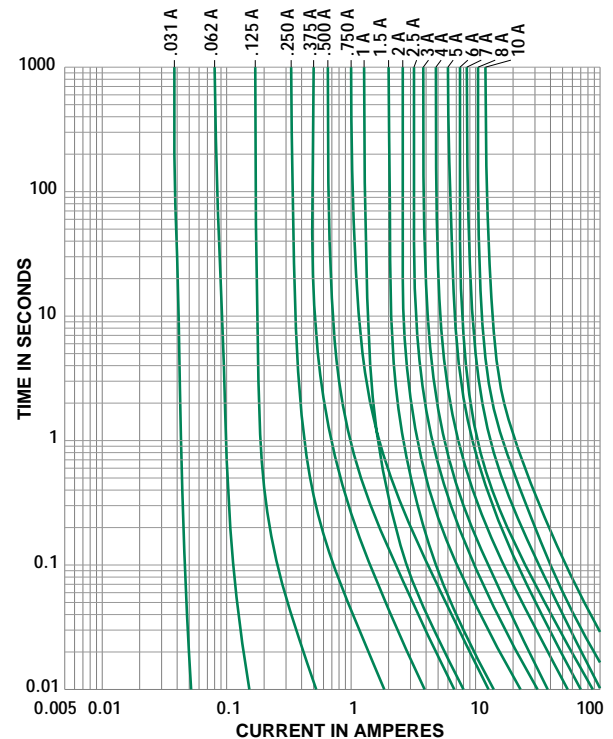
312 000 Series

318 000 Series



Axial Lead Material: Solder coated copper.

Average Time Current Curves



11
AXIAL LEAD AND
CARTRIDGE FUSES