

## GLASS BODY

### 3AG Fast-Acting Type

UL SF QPL

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            |
|--------------------|---------------|-------------------------|
| 110%               | 1/32–35       | 4 hours, <b>Minimum</b> |
| 135%               | 1/32–35       | 1 hour, <b>Maximum</b>  |
| 200%               | 1/32–10       | 5 sec., <b>Maximum</b>  |
|                    | 12–30         | 10 sec., <b>Maximum</b> |
|                    | 35            | 20 sec., <b>Maximum</b> |

**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.

**FUSES TO MIL SPEC:** See F02A cartridge type in Military Section.

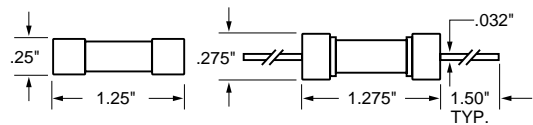
#### ORDERING INFORMATION:

| Cartridge Catalog Number | Axial Lead Catalog Number | Ampere Rating | Voltage Rating | Nominal Resistance Cold Ohms | Nominal Melting I <sup>2</sup> t A <sup>2</sup> 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 01.25                | 318 01.25                 | 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 7/10        | 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

