

# Axial Lead and Cartridge Fuses

## Glass Body

### 3AG Slo-Blo® Fuse 313/315 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 | Opening Time              |
|--------------------|---------------------------|
| 110%               | 4 hours, <b>Minimum</b>   |
| 135%               | 1 hour, <b>Maximum</b>    |
| 200%               | 5 seconds, <b>Minimum</b> |

**AGENCY APPROVALS:** Listed by Underwriters Laboratories and Certified by CSA through 8 amperes. 10-30A ratings are recognized under the components program of Underwriters Laboratories.

**313 000 Series** approved by METI from 1 through 5 amperes.

**AGENCY FILE NUMBERS:** UL E10480, CSA LR 29862.

**FUSES TO MIL SPEC:** See F02B 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. |
|--------------------------|---------------------------|--------------------------------|----------------|------------------------------|------------------------------------------------------|
| 313.010                  | 315.010                   | 1/100                          | 250            | 3300                         | 0.000121                                             |
| 313.031                  | 315.031                   | 1/32                           | 250            | 330                          | 0.00303                                              |
| 313.040                  | 315.040                   | 4/100                          | 250            | 220                          | 0.00630                                              |
| 313.062                  | 315.062                   | 1/16                           | 250            | 91.0                         | 0.0210                                               |
| 313.100                  | 315.100                   | 1/10                           | 250            | 33.3                         | 0.0850                                               |
| 313.125                  | 315.125                   | 1/8                            | 250            | 22.3                         | 0.152                                                |
| 313.150                  | 315.150                   | 15/100                         | 250            | 15.3                         | 0.270                                                |
| 313.175                  | 315.175                   | .175                           | 250            | 8.60                         | 0.177                                                |
| 313.187                  | 315.187                   | 3/16                           | 250            | 7.95                         | 0.230                                                |
| 313.200                  | 315.200                   | 2/10                           | 250            | 6.54                         | 0.270                                                |
| 313.250                  | 315.250                   | 1/4                            | 250            | 4.27                         | 0.385                                                |
| 313.300                  | 315.300                   | 3/10                           | 250            | 3.11                         | 0.730                                                |
| 313.375                  | 315.375                   | 3/8                            | 250            | 2.08                         | 1.23                                                 |
| 313.400                  | 315.400                   | 4/10                           | 250            | 1.86                         | 1.35                                                 |
| 313.500*                 | 315.500                   | 1/2                            | 250            | 1.25                         | 2.55                                                 |
| 313.600                  | 315.600                   | 6/10                           | 250            | 0.914                        | 4.00                                                 |
| 313.700                  | 315.700                   | 7/10                           | 250            | 0.695                        | 5.90                                                 |
| 313.750                  | 315.750                   | 3/4                            | 250            | 0.617                        | 7.16                                                 |
| 313.800                  | 315.800                   | 8/10                           | 250            | 0.550                        | 8.00                                                 |
| 313 001*                 | 315 001                   | 1                              | 250            | 0.375                        | 14.0                                                 |
| 313 01.2                 | 315 01.2                  | 1 <sup>2</sup> / <sub>10</sub> | 250            | 0.276                        | 21.5                                                 |
| 313 1.25                 | 315 1.25                  | 1 <sup>1</sup> / <sub>4</sub>  | 250            | 0.258                        | 24.0                                                 |
| 313 01.5*                | 315 01.5                  | 1 <sup>1</sup> / <sub>2</sub>  | 250            | 0.190                        | 38.0                                                 |
| 313 01.6                 | 315 01.6                  | 1 <sup>9</sup> / <sub>10</sub> | 250            | 0.170                        | 49.6                                                 |
| 313 01.8                 | 315 01.8                  | 1 <sup>8</sup> / <sub>10</sub> | 250            | 0.140                        | 58.0                                                 |
| 313 002*                 | 315 002                   | 2                              | 250            | 0.116                        | 77.0                                                 |
| 313 2.25                 | 315 2.25                  | 2 <sup>1</sup> / <sub>4</sub>  | 250            | 0.0960                       | 121.0                                                |
| 313 02.5                 | 315 02.5                  | 2 <sup>1</sup> / <sub>2</sub>  | 250            | 0.0805                       | 130.0                                                |
| 313 02.8                 | 315 02.8                  | 2 <sup>8</sup> / <sub>10</sub> | 250            | 0.0670                       | 170.0                                                |
| 313 003*                 | 315 003                   | 3                              | 250            | 0.0588                       | 200.0                                                |
| 313 03.2                 | 315 03.2                  | 3 <sup>2</sup> / <sub>10</sub> | 250            | 0.0525                       | 209.0                                                |
| 313 004*                 | 315 004                   | 4                              | 250            | 0.0308                       | 76.1                                                 |
| 313 005*                 | 315 005                   | 5                              | 250            | 0.0212                       | 140.0                                                |
| 313 6.25*                | 315 6.25                  | 6 <sup>1</sup> / <sub>4</sub>  | 250            | 0.0152                       | 242.0                                                |
| 313 06.3                 | 315 06.3                  | 6.30                           | 250            | 0.0152                       | 242.0                                                |
| 313 007*                 | 315 007                   | 7                              | 250            | 0.0127                       | 347.0                                                |
| 313 008*                 | 315 008                   | 8                              | 250            | 0.0110                       | 445.0                                                |
| 313 010*                 | 315 010                   | 10                             | 32             | 0.00820                      | 760.0                                                |
| 313 012                  | 315 012                   | 12                             | 32             | 0.00640                      | 1200.0                                               |
| 313 015                  | 315 015                   | 15                             | 32             | 0.00500                      | 1870.0                                               |
| 313 020                  | 315 020                   | 20                             | 32             | 0.00220                      | 9560.0                                               |
| 313 025                  | 315 025                   | 25                             | 32             | 0.00170                      | 16500.0                                              |
| 313 030                  | 315 030                   | 30                             | 32             | 0.00120                      | 26900.0                                              |

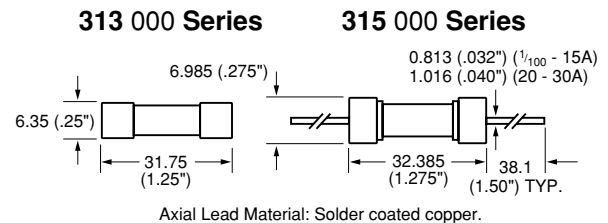
\* These ratings available with an indicating option. Add the 'ID' designation to the series number, i.e. 313.500 ID.



#### PATENTED

#### INTERRUPTING RATING:

|          |                   |
|----------|-------------------|
| 0.01-8A  | 10,000A @ 125 VAC |
| 0.1-1A   | 35A @ 250 VAC     |
| 1.2-3.2A | 100A @ 250 VAC    |
| 4-8A     | 200A @ 250 VAC    |
| 10-30A   | 300A @ 32 VAC     |



#### Average Time Current Curves

