

# Axial Lead and Cartridge Fuses

Glass Body

**RoHS** **Pb** **3AG** Slo-Blo® Fuse 313P/315P 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              |
|--------------------|---------------------------|
| 100%               | 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 10 amperes. 12-30A ratings are recognized under the components program of Underwriters Laboratories.

**313 000P Series** approved by METI from 1 through 10 amperes.

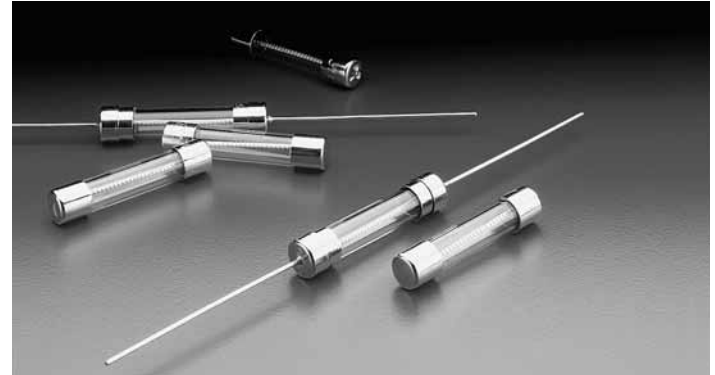
**AGENCY FILE NUMBERS:** UL E10480, CSA LR 29862.

## 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. |
|--------------------------|---------------------------|--------------------------------|----------------|------------------------------|------------------------------------------------------|
| 313.010P                 | 315.010P                  | 1/100                          | 250            | 4300                         | 0.000121                                             |
| 313.031P                 | 315.031P                  | 1/32                           | 250            | 430                          | 0.00303                                              |
| 313.040P                 | 315.040P                  | 4/100                          | 250            | 250                          | 0.00630                                              |
| 313.062P                 | 315.062P                  | 1/16                           | 250            | 120                          | 0.0210                                               |
| 313.100P                 | 315.100P                  | 1/10                           | 250            | 43                           | 0.0850                                               |
| 313.125P                 | 315.125P                  | 1/8                            | 250            | 30                           | 0.152                                                |
| 313.150P                 | 315.150P                  | 15/100                         | 250            | 20                           | 0.270                                                |
| 313.175P                 | 315.175P                  | .175                           | 250            | 8.60                         | 0.177                                                |
| 313.187P                 | 315.187P                  | 3/16                           | 250            | 7.95                         | 0.230                                                |
| 313.200P                 | 315.200P                  | 2/10                           | 250            | 6.54                         | 0.270                                                |
| 313.250P                 | 315.250P                  | 1/4                            | 250            | 4.27                         | 0.385                                                |
| 313.300P                 | 315.300P                  | 3/10                           | 250            | 3.11                         | 0.730                                                |
| 313.375P                 | 315.375P                  | 3/8                            | 250            | 2.08                         | 1.23                                                 |
| 313.400P                 | 315.400P                  | 4/10                           | 250            | 1.86                         | 1.35                                                 |
| 313.500P*                | 315.500P                  | 1/2                            | 250            | 1.25                         | 2.55                                                 |
| 313.600P                 | 315.600P                  | 6/10                           | 250            | 0.914                        | 4.00                                                 |
| 313.700P                 | 315.700P                  | 7/10                           | 250            | 0.695                        | 5.90                                                 |
| 313.750P                 | 315.750P                  | 3/4                            | 250            | 0.617                        | 7.16                                                 |
| 313.800P                 | 315.800P                  | 8/10                           | 250            | 0.550                        | 8.00                                                 |
| 313 001P*                | 315 001P                  | 1                              | 250            | 0.375                        | 14.0                                                 |
| 313 01.2P                | 315 01.2P                 | 1 <sup>2</sup> / <sub>10</sub> | 250            | 0.276                        | 21.5                                                 |
| 313 1.25P                | 315 1.25P                 | 1 <sup>1</sup> / <sub>4</sub>  | 250            | 0.258                        | 24.0                                                 |
| 313 01.5P*               | 315 01.5P                 | 1 <sup>1</sup> / <sub>2</sub>  | 250            | 0.190                        | 38.0                                                 |
| 313 01.6P                | 315 01.6P                 | 1 <sup>9</sup> / <sub>10</sub> | 250            | 0.170                        | 49.6                                                 |
| 313 01.8P                | 315 01.8P                 | 1 <sup>9</sup> / <sub>10</sub> | 250            | 0.140                        | 58.0                                                 |
| 313 002P*                | 315 002P                  | 2                              | 250            | 0.116                        | 77.0                                                 |
| 313 2.25P                | 315 2.25P                 | 2 <sup>1</sup> / <sub>4</sub>  | 250            | 0.0960                       | 121.0                                                |
| 313 02.5P                | 315 02.5P                 | 2 <sup>1</sup> / <sub>2</sub>  | 250            | 0.0805                       | 130.0                                                |
| 313 02.8P                | 315 02.8P                 | 2 <sup>9</sup> / <sub>10</sub> | 250            | 0.0670                       | 170.0                                                |
| 313 003P*                | 315 003P                  | 3                              | 250            | 0.0588                       | 200.0                                                |
| 313 03.2P                | 315 03.2P                 | 3 <sup>1</sup> / <sub>10</sub> | 250            | 0.0525                       | 209.0                                                |
| 313 004P*                | 315 004P                  | 4                              | 250            | 0.0308                       | 76.1                                                 |
| 313 005P*                | 315 005P                  | 5                              | 250            | 0.0212                       | 140.0                                                |
| 313 6.25P*               | 315 6.25P                 | 6 <sup>1</sup> / <sub>4</sub>  | 250            | 0.0152                       | 242.0                                                |
| 313 06.3P                | 315 06.3P                 | 6.30                           | 250            | 0.0152                       | 242.0                                                |
| 313 007P*                | 315 007P                  | 7                              | 250            | 0.0127                       | 347.0                                                |
| 313 008P*                | 315 008P                  | 8                              | 250            | 0.0110                       | 445.0                                                |
| 313 010P*                | 315 010P                  | 10                             | 32             | 0.00820                      | 760.0                                                |
| 313 012P                 | 315 012P                  | 12                             | 32             | 0.00640                      | 1200.0                                               |
| 313 015P                 | 315 015P                  | 15                             | 32             | 0.00500                      | 1870.0                                               |
| 313 020P                 | 315 020P                  | 20                             | 32             | 0.00220                      | 9560.0                                               |
| 313 025P                 | 315 025P                  | 25                             | 32             | 0.00170                      | 16500.0                                              |
| 313 030P                 | 315 030P                  | 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.

\*This rating is available as 250V rated. Part number is 0313010.MX250P.

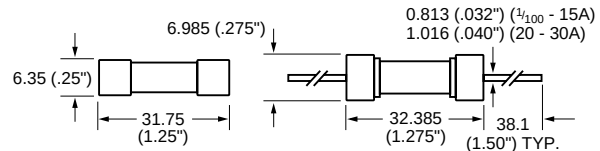


## INTERRUPTING RATING:

|          |                   |
|----------|-------------------|
| 0.01-10A | 10,000A @ 125 VAC |
| 0.1-1A   | 35A @ 250 VAC     |
| 1.2-3.2A | 100A @ 250 VAC    |
| 4-10A    | 200A @ 250 VAC    |
| 12-30A   | 300A @ 32 VAC     |

### 313 000P Series

### 315 000P Series



Axial Lead Material: Tin coated copper.

## Average Time Current Curves

