



Part Number: **312.750P**

Technology: **Fuses**

Series: **312**

**312 Series - 3AG Fast-Acting Glass Body Fuse**

- Fast-acting protection of electronic equipment and appliances.
- The "standard" fast-acting glass tube fuse.

**Electrical Characteristics**

| Property                    | Value              |
|-----------------------------|--------------------|
| Amp Rating (A)              | 0.75               |
| Form Factor                 | 3AG/3AB (6.3x32mm) |
| Fuse Class                  | Supplemental       |
| $I^2t$ (A <sup>2</sup> Sec) | 1.84               |
| Opening Characteristic      | Fast-Acting        |
| Resistance (Ohms)           | 0.243000001        |
| Voltage Rating (V)          | 250                |

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# Axial Lead and Cartridge Fuses

## Glass Body

**RoHS** **Pb** **3AG** Fast-Acting Type 312P/318P 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, <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.

### INTERUPTING RATING:

10,000A @ 125VAC

35A @ 250VAC

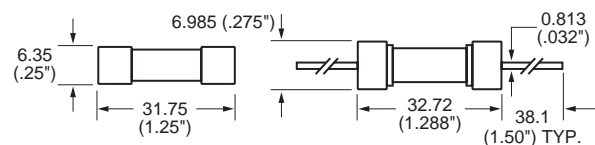
### ORDERING INFORMATION:

| Cartridge Catalog Number | Axial Lead Catalog Number | Ampere Rating | Voltage Rating | Nominal Resistance Cold Ohms | Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec. |
|--------------------------|---------------------------|---------------|----------------|------------------------------|--|
| 312.031*                 | 318.031*                  | 1/32          | 250            | 23.3                         | 0.0000300  |
| 312.062P                 | 318.062P                  | 1/16          | 250            | 24.5                         | 0.000249   |
| 312.100P                 | 318.100P                  | 1/10          | 250            | 11.2                         | 0.00102  |
| 312.125P                 | 318.125P                  | 1/8           | 250            | 7.10                         | 0.00289  |
| 312.150P                 | 318.150P                  | 15/100        | 250            | 5.10                         | 0.00550  |
| 312.175P                 | 318.175P                  | .175          | 250            | 3.85                         | 0.00960  |
| 312.187P                 | 318.187P                  | 3/16          | 250            | 3.40                         | 0.0128   |
| 312.200P                 | 318.200P                  | 2/10          | 250            | 3.00                         | 0.0165   |
| 312.250P                 | 318.250P                  | 1/4           | 250            | 2.00                         | 0.0355   |
| 312.300P                 | 318.300P                  | 3/10          | 250            | 1.40                         | 0.0689   |
| 312.375P                 | 318.375P                  | 3/8           | 250            | 0.820                        | 0.185  |
| 312.500P                 | 318.500P                  | 1/2           | 250            | 0.495                        | 0.483  |
| 312.600P                 | 318.600P                  | 6/10          | 250            | 0.360                        | 0.880  |
| 312.750P                 | 318.750P                  | 3/4           | 250            | 0.243                        | 1.84   |
| 312.001P                 | 318.001P                  | 1             | 250            | 0.189                        | 0.760  |
| 312.1.25P                | 318.1.25P                 | 1 1/4         | 250            | 0.138                        | 1.45   |
| 312.01.5P                | 318.01.5P                 | 1 1/2         | 250            | 0.103                        | 2.35   |
| 312.01.6P                | 318.01.6P                 | 1 9/10        | 250            | 0.0930                       | 2.80   |
| 312.1.75P                | 318.1.75P                 | 1 3/4         | 250            | 0.0850                       | 3.60   |
| 312.01.8P                | 318.01.8P                 | 1 8/10        | 250            | 0.0820                       | 3.85   |
| 312.002P                 | 318.002P                  | 2             | 250            | 0.0700                       | 5.20   |
| 312.2.25P                | 318.2.25P                 | 2 1/4         | 250            | 0.0590                       | 7.20   |
| 312.02.5P                | 318.02.5P                 | 2 1/2         | 250            | 0.0510                       | 9.54   |
| 312.003P                 | 318.003P                  | 3             | 250            | 0.0424                       | 14.0   |
| 312.004P                 | 318.004P                  | 4             | 250            | 0.0291                       | 28.5   |
| 312.005P                 | 318.005P                  | 5             | 250            | 0.0223                       | 50.0   |
| 312.006P                 | 318.006P                  | 6             | 250            | 0.0177                       | 81.1   |
| 312.007P                 | 318.007P                  | 7             | 250            | 0.0145                       | 118.0  |
| 312.008P                 | 318.008P                  | 8             | 250            | 0.0121                       | 166.0  |
| 312.010P                 | 318.010P                  | 10            | 250            | 0.00925                      | 298.0  |
| 312.012P                 | —                         | 12            | 32             | 0.0071                       | 234.6  |
| 312.015P                 | —                         | 15            | 32             | 0.0052                       | 490.5  |
| 312.020P                 | —                         | 20            | 32             | 0.0034                       | 1029.0   |
| 312.025P                 | —                         | 25            | 32             | 0.0024                       | 2041.0   |
| 312.030P                 | —                         | 30            | 32             | 0.0019                       | 3717.0   |
| 312.035P                 | —                         | 35            | 32             | 0.0013                       | 7531.0   |

\*Not RoHS Compliant



### 312 000P Series      318 000P Series



Axial Lead Material: Tin coated copper.

### Average Time Current Curves

