

# Axial Lead and Cartridge Fuses

## Ceramic Body


**3AB**
**Fast-Acting Fuse 314P/324P Series**


Ceramic body construction permits higher interrupting ratings and voltage ratings. Ideal for applications where high current loads are expected.

### ELECTRICAL CHARACTERISTICS:

| % of Ampere Rating | Ampere Rating | Opening Time               |
|--------------------|---------------|----------------------------|
| 100%               | 1/8–30        | 4 hours, <b>Minimum</b>    |
| 135%               | 1/8–30        | 1 hour, <b>Maximum</b>     |
| 200%               | 1/8–12        | 15 seconds, <b>Maximum</b> |
|                    | 15–30         | 30 seconds, <b>Maximum</b> |

**AGENCY APPROVALS:** Listed by Underwriters Laboratories and Certified by CSA through 15 amperes at 250 VAC/125 VDC. Recognized under the Components Program of Underwriters Laboratories at 20-30A, certified by CSA at 20A, and approved by METI from 10 through 30 amperes.

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

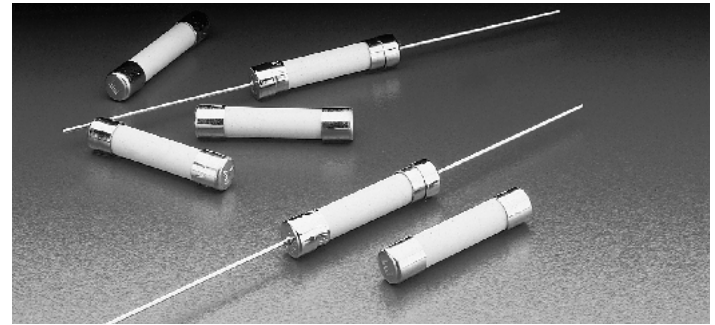
### INTERRUPTING RATINGS:

|              |                  |
|--------------|------------------|
| 0.125 - 20A  | 10,000 @ 125 VAC |
| 25- 30A      | 400A @ 125 VAC   |
| 0.125 - .75A | 35A @ 250 VAC    |
| 1 - 3A       | 100A @ 250VAC    |
| 4 - 15A      | 750A @ 250VAC    |
| 20A          | 1,000A @ 250VAC  |
|              | 200A @ 300VAC    |
| 25-30A       | 100A @ 250VAC    |
| 15-25A*      | 50A @ 280VAC     |

### ORDERING INFORMATION:

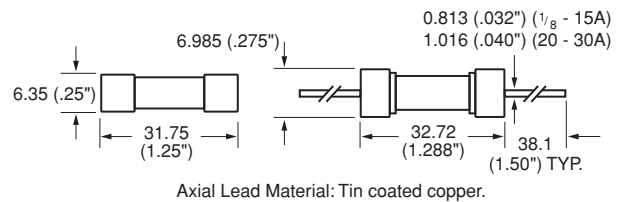
| Cartridge Catalog Number | Axial Lead Catalog Number | Ampere Rating | Voltage Rating | Nominal Resistance Cold Ohms | Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec. |
|--------------------------|---------------------------|---------------|----------------|------------------------------|------------------------------------------------------|
| 314.125P                 | 324.125P                  | 1/8           | 250            | 6.20                         | 0.00149                                              |
| 314.250P                 | 324.250P                  | 1/4           | 250            | 1.95                         | 0.0140                                               |
| 314.375P                 | 324.375P                  | 3/8           | 250            | 0.820                        | 0.050                                                |
| 314.500P                 | 324.500P                  | 1/2           | 250            | 0.500                        | 0.115                                                |
| 314.750P                 | 324.750P                  | 3/4           | 250            | 0.250                        | 0.466                                                |
| 314.001P                 | 324.001P                  | 1             | 250            | 0.189                        | 0.690                                                |
| 314.002P                 | 324.002P                  | 2             | 250            | 0.0700                       | 11.0                                                 |
| 314.003P                 | 324.003P                  | 3             | 250            | 0.0432                       | 14.6                                                 |
| 314.004P                 | 324.004P                  | 4             | 250            | 0.0470                       | 10.4                                                 |
| 314.005P                 | 324.005P                  | 5             | 250            | 0.0300                       | 26.0                                                 |
| 314.006P                 | 324.006P                  | 6             | 250            | 0.0240                       | 45.0                                                 |
| 314.007P                 | 324.007P                  | 7             | 250            | 0.0187                       | 71.0                                                 |
| 314.008P                 | 324.008P                  | 8             | 250            | 0.0153                       | 105.0                                                |
| 314.010P                 | 324.010P                  | 10            | 250            | 0.0105                       | 206.0                                                |
| 314.012P                 | 324.012P                  | 12            | 250            | 0.00760                      | 570.0                                                |
| 314.015P                 | 324.015P                  | 15            | 250            | 0.00505                      | 292.0                                                |
| 314.020P                 | 324.020P                  | 20            | 250            | 0.00355                      | 631.0                                                |
| 314.025P                 | 324.025P                  | 25            | 250            | 0.00235                      | 1450.0                                               |
| 314.030P                 | 324.030P                  | 30            | 250            | 0.00182                      | 2490.0                                               |

\*50A @ 280VAC interrupting rating available for 15A, 20A and 25A devices. Add suffix '280'. Example: 0324025.MX280P.



### 314 000P Series

### 324 000P Series



### Average Time Current Curves

