

# Axial Lead and Cartridge Fuses

## Ceramic Body

### 3AB Fast-Acting Fuse 314/324 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               |
|--------------------|---------------|----------------------------|
| 110%               | 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.

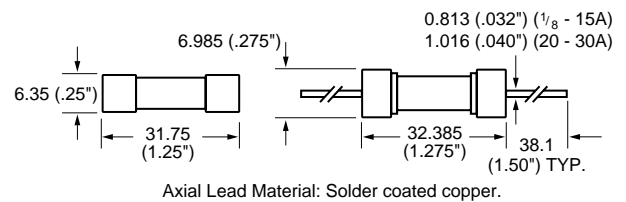
#### INTERRUPTING RATINGS:

|              |                  |
|--------------|------------------|
| 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    |



314 000 Series

324 000 Series



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

#### Average Time Current Curves

