

# Axial Lead and Cartridge Fuses

## Subminiature Glass Body

### 2AG Fast-Acting Fuse 224/225 Series



The 2AG Fast-Acting fuses are available in cartridge form or with axial leads. Axial leaded fuses are board washable. 2AG fuses provide the same performance characteristics as their 3AG counterpart, while occupying one-third the space. Sleeved fuses are available.

#### ELECTRICAL CHARACTERISTICS:

| % of Ampere Rating | Opening Time             |
|--------------------|--------------------------|
| 100%               | 4 hours, <b>Minimum</b>  |
| 135%               | 1 hour, <b>Maximum</b>   |
| 200%               | 1 second, <b>Maximum</b> |

**AGENCY APPROVALS:** 0.1 - 3.5A are Listed by Underwriters Laboratories and Certified by CSA. 4 - 10A are recognized under the Components Program of Underwriters Laboratories. 1 through 10 ampere approved by METI.

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

#### INTERRUPTING RATINGS:

|          |                          |
|----------|--------------------------|
| 0.1–3.5A | 10,000 ampere at 125 VAC |
| 4–10A    | 500 ampere at 125 VAC    |
| 0.1–1A   | 35 ampere at 250 VAC     |
| 1.5–3.5A | 100 ampere at 250 VAC    |

**PACKAGING OPTIONS:** 224 Series available on Tape and Reel per EIA-296. For 1500 pieces per reel, add packaging suffix DRT1. See page 8 for pitch Dimensions. 224, 225 series available in bulk packaging. For 1000 pieces bulk add packaging suffix M.

#### PATENTED

#### 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. |
|--------------------------|---------------------------|---------------|----------------|------------------------------|--|
| 225.100                  | 224.100                   | 1/10          | 250            | 6.15                         | 0.000750   |
| 225.125                  | 224.125                   | 1/8           | 250            | 3.90                         | 0.00286  |
| 225.250                  | 224.250                   | 1/4           | 250            | 1.15                         | 0.0300   |
| 225.375                  | 224.375                   | 3/8           | 250            | 0.395                        | 0.171  |
| 225.500                  | 224.500                   | 1/2           | 250            | 0.265                        | 0.365  |
| 225.750                  | 224.750                   | 3/4           | 250            | 0.152                        | 1.05   |
| 225.001                  | 224.001                   | 1             | 250            | 0.102                        | 2.22   |
| 225.01.5                 | 224.01.5                  | 1 1/2         | 250            | 0.0705                       | 0.800  |
| 225.002                  | 224.002                   | 2             | 250            | 0.0490                       | 1.50   |
| 225.02.5                 | 224.02.5                  | 2 1/2         | 250            | 0.0365                       | 2.68   |
| 225.003                  | 224.003                   | 3             | 250            | 0.0310                       | 4.62   |
| 225.03.5                 | 224.03.5                  | 3 1/2         | 250            | 0.0258                       | 6.70   |
| 225.004                  | 224.004                   | 4             | 125            | 0.0233                       | 9.40   |
| 225.005                  | 224.005                   | 5             | 125            | 0.0179                       | 17.00  |
| 225.006                  | 224.006                   | 6             | 125            | 0.0147                       | 22.1   |
| 225.007                  | 224.007                   | 7             | 125            | 0.0123                       | 40.0   |
| 225.008                  | 224.008                   | 8             | 125            | 0.0100                       | 56.0   |
| 225.010                  | 224.010                   | 10            | 125            | 0.00675                      | 116.0  |

### 2AG Special 350V

#### Fast-Acting Fuse



The **220 007** subminiature fuse is intended for fluorescent lighting ballast protection or similar applications up to 350V.

**AXIAL LEAD PART NUMBER:** 220 007 (ampere rating of 3A).

**DIMENSIONS:** Same as 224 Series.

**ELECTRICAL CHARACTERISTICS:** Same as 224 Series.

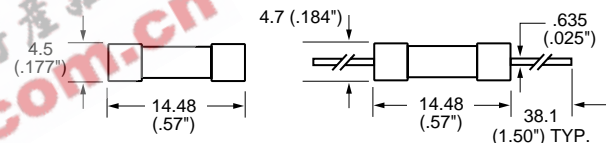
**INTERRUPTING RATING:** 100 amperes at 350 VAC.

Contact Littelfuse concerning other ampere ratings.



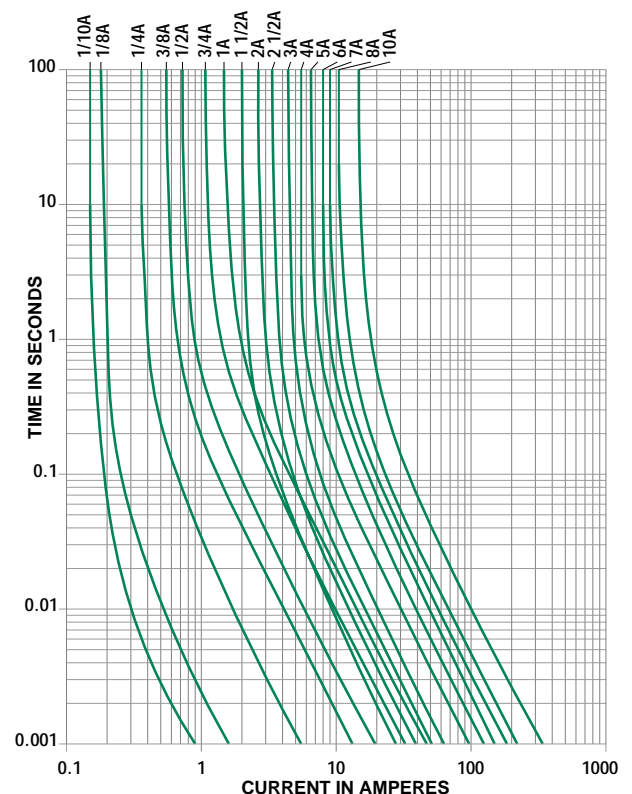
225 000 Series

224 000 Series



Axial Lead Material: Solder coated copper.

#### Average Time Current Curves



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AXIAL LEAD AND CARTRIDGE FUSES