

### 2AG Fast-Acting Type 224/225/288/289 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             |
|--------------------|--------------------------|
| 110%               | 4 hours, <b>Minimum</b>  |
| 135%               | 1 hour, <b>Maximum</b>   |
| 200%               | 1 second, <b>Maximum</b> |

**AGENCY APPROVALS:** Listed by Underwriters Laboratories and Certified by CSA. 224 Series approved by METI from 1 through 5 amperes.

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

**FUSES TO MIL SPEC:** 224 and 225 Series 1/8 through 7 amperes are available to DSCC Drawing #87108. To order, change 224 to 289 or 225 to 288.

#### INTERRUPTING RATINGS:

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

**OPTIONS:** 224 Series available on tape and reel.

**PACKAGING SPECIFICATIONS:** Tape and Reel per EIA-296; T1: 52.4mm (2.062") taped spacing; For 1,500 per reel, 10mm (.40") pitch, add packaging suffix, DRT1. For 2,500 per reel, 5mm (.20") pitch, add packaging suffix, ERT1.

#### PATENTED

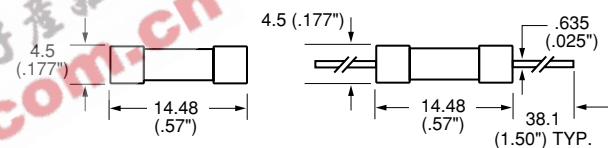
#### ORDERING INFORMATION:

| 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  |



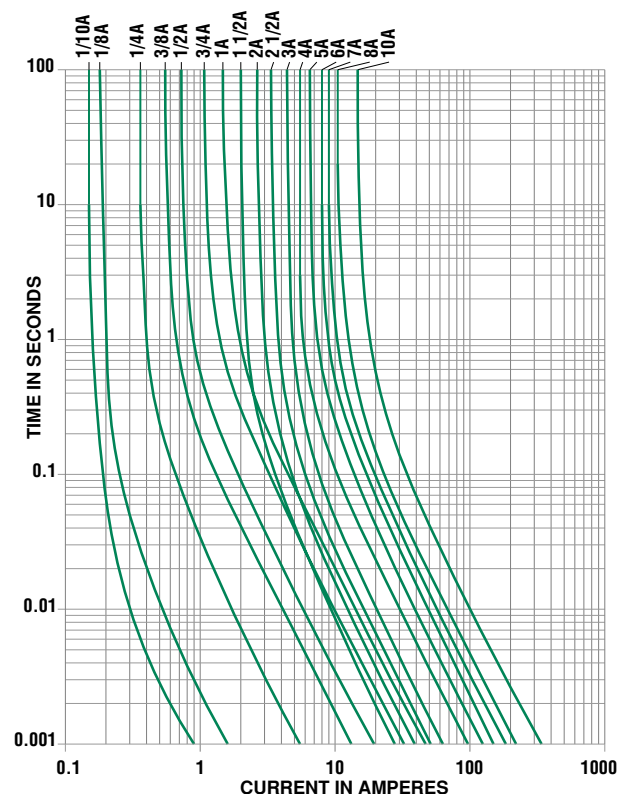
225 000 Series

224 000 Series



Axial Lead Material: Solder coated copper.

#### Average Time Current Curves



### 2AG Special 350V

#### Fast-Acting Type



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.

#### PATENTED

Contact Littelfuse concerning other ampere ratings.