



## Fuse Strips with Housing Rated 48V - SPECIAL PURPOSE FUSES (NOT INTENDED FOR AUTOMOTIVE OR TRUCK APPLICATIONS)

Housed fuse strips for battery-powered vehicles. Current rating 35A - 500A, 48 VDC. 90° and straight fork type lugs. With window for visual inspection of melting element.

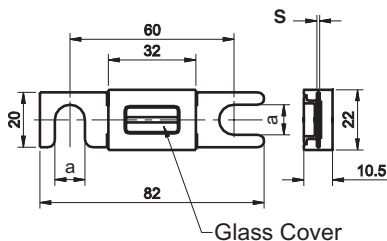
### Specifications

|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| Voltage Rating:              | 48 VDC                                                   |
| Interrupt Ratings:           | up to 3000A                                              |
| Operating Temperature Range: | -40° to 125°C                                            |
| Metal Parts:                 | 35A - 80A: Zinc-alloy<br>100A - 500A: Copper Cu, gal. Sn |
| Complies with:               | UL 248 Special Purpose Fuses                             |
| cULus Recognized:            | File No. E211637                                         |

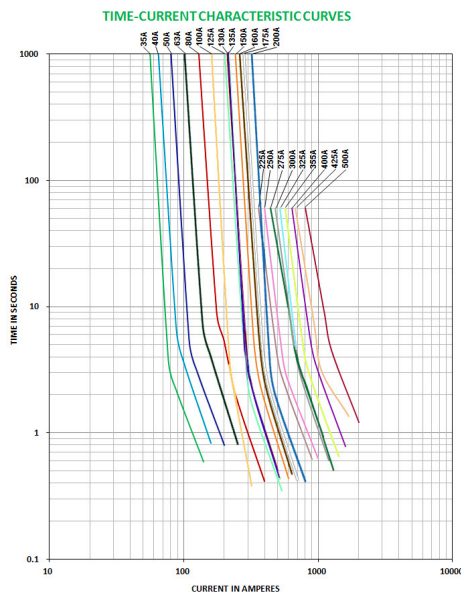


### Dimensions

Dimensions in mm



### Pre-Arcing Time-Limits



FI = 1.00 (max. operating current:  $1.0 \times I_{rat}$  at 23°C)

### Ordering Information

| Part Number   | Package Size |
|---------------|--------------|
| 157.5701.xxx1 | 50           |
| 157.5917.xxx1 | 50           |

### Time-Current Characteristics

| % of Rating | Opening Time Min / Max (s) |           |
|-------------|----------------------------|-----------|
|             | 35-200                     | 225 - 500 |
| 150         | 3,600 s / -                | - / -     |
| 160         | - / -                      | 60 s / -  |
| 220         | - / 60 s                   |           |
| 250         | 0.8 s / 10 s               |           |
| 400         | 0.20 / 2 s                 |           |

### Ratings

| Part Number   |               | Current Rating (A) | Typ. Voltage Drop (mV) | Breaking Capacity (VDC/A) | Material Thickness "S" (mm) |
|---------------|---------------|--------------------|------------------------|---------------------------|-----------------------------|
| a = 11 mm     | a = 9 mm*     |                    |                        |                           |                             |
| 157.5701.5351 | 157.5917.5351 | 35                 | 125                    | 48/210                    | 0.6                         |
| 157.5701.5401 | -             | 40                 | 125                    | 48/240                    | 0.6                         |
| 157.5701.5501 | 157.5917.5501 | 50                 | 125                    | 48/300                    | 0.6                         |
| 157.5701.5631 | 157.5917.5631 | 63                 | 125                    | 48/378                    | 0.6                         |
| 157.5701.5801 | 157.5917.5801 | 80                 | 125                    | 48/480                    | 0.6                         |
| 157.5701.6101 | 157.5917.6101 | 100                | 125                    | 48/600                    | 0.5                         |
| 157.5701.6121 | 157.5917.6121 | 125                | 125                    | 48/750                    | 0.8                         |
| 157.5701.6131 | -             | 130                | 125                    | 48/780                    | 0.8                         |
| 157.5701.6141 | -             | 135                | 125                    | 48/810                    | 0.8                         |
| 157.5701.6151 | 157.5917.6151 | 150                | 125                    | 48/900                    | 0.8                         |
| 157.5701.6161 | 157.5917.6161 | 160                | 125                    | 48/960                    | 1.0                         |
| 157.5701.6171 | 157.5917.6171 | 175                | 125                    | 48/1050                   | 1.0                         |
| 157.5701.6201 | 157.5917.6201 | 200                | 125                    | 48/1200                   | 0.8                         |
| 157.5701.6231 | 157.5917.6231 | 225                | 125                    | 48/1350                   | 0.5                         |
| 157.5701.6251 | 157.5917.6251 | 250                | 125                    | 48/1500                   | 0.5                         |
| 157.5701.6271 | 157.5917.6281 | 275                | 125                    | 48/1650                   | 0.8                         |
| 157.5701.6301 | -             | 300                | 125                    | 48/1800                   | 0.8                         |
| 157.5701.6331 | 157.5917.6331 | 325                | 125                    | 48/1950                   | 0.8                         |
| 157.5701.6351 | 157.5917.6351 | 355                | 125                    | 48/2130                   | 0.8                         |
| 157.5701.6401 | -             | 400                | 125                    | 48/2400                   | 0.8                         |
| 157.5701.6421 | 157.5917.6421 | 425                | 125                    | 48/2550                   | 1.0                         |
| 157.5701.6501 | 157.5917.6501 | 500                | 125                    | 48/3000                   | 1.0                         |

Corresponding holder see Section "Fuse Holders."

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