

## FUSE STRIPS WITH HOUSING FOR BATTERY-POWERED VEHICLES RATED 80V

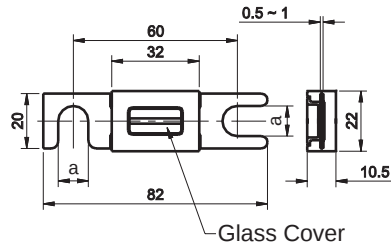


### Description

Housed fuse strips for battery-powered vehicles. Current rating 35A - 500A, 80 VDC. 90° and straight fork type lugs. With window for visual inspection of melting element.

### Dimensions

Dimensions in mm



### Ratings

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

\*Not mentioned in the standards.

Corresponding holder see Section "Fuse Holders."

### Specifications

|                   |                              |                    |
|-------------------|------------------------------|--------------------|
| Metal Parts:      | 35A - 80A:                   | Zinc-alloy         |
|                   | 100A - 425A:                 | Copper Cu, gal. Sn |
| Complies with:    | UL 248 Special Purpose Fuses |                    |
| cULus Recognized: | File No. E211637             |                    |

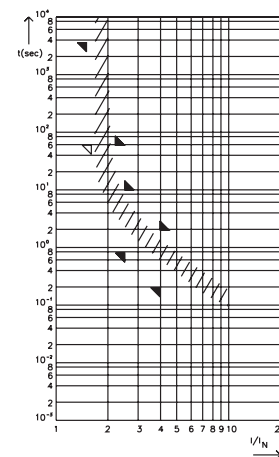
### Ordering Information

| 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 - 425 |
| 150         | 3,600 s / —                | — / —     |
| 160         | — / —                      | 60 s / —  |
| 220         | — / 60 s                   |           |
| 250         | 0.8 s / 10 s               |           |
| 400         | 0.25 / 2 s                 |           |

### Pre-Arcing Time-Limits



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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Littelfuse:

[157.5919.6201](#) [157.5919.6101](#) [157.5919.5401](#) [157.5919.5801](#) [157.5919.6131](#) [157.5919.6151](#) [157.5919.5501](#)  
[157.5917.6281](#) [157.5919.5631](#) [157.5919.6141](#) [157.5919.6251](#) [157.5919.6231](#) [157.5919.6161](#) [157.5919.6171](#)