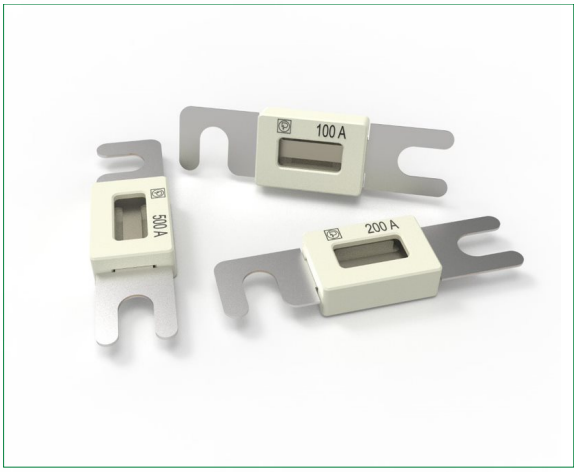
FUSE STRIP with housing

Rated 48 V



Description

These special purpose EV fuse strips protect wires rated to carry current up to 48 V in battery-powered vehicles. Do not install the high current automotive fuse strips with housings in gasoline- or diesel-fueled vehicles.

Features & Benefits

- Time-delayed
- Available with ratings of 35 A to 500 A
- Interrupting ratings of up to 3 kA at 48 VDC
- Zinc alloy 35–80 A fuses
- Tin-plated copper 100–500 A fuse
- Operate at up to 125 °C
- Recognized as UL 248 Special Purpose Fuses in Canada and the United States
- Certified lead-free and RoHS compliant
- Windows in housings show if elements remain intact
- 90° lug and straight fork ensure secure mounting

Applications

- EVs
- Hybrid vehicles

Ordering Information

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

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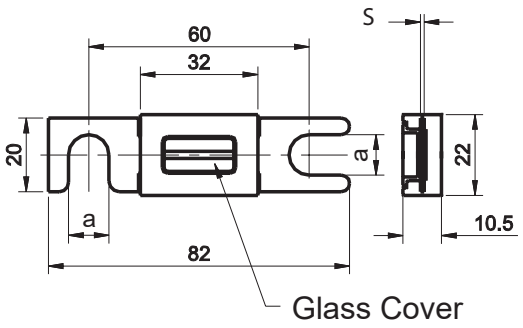
Ratings

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."

Dimensions

Dimensions in mm. Please refer to the outline drawing for dimensions and tolerances.



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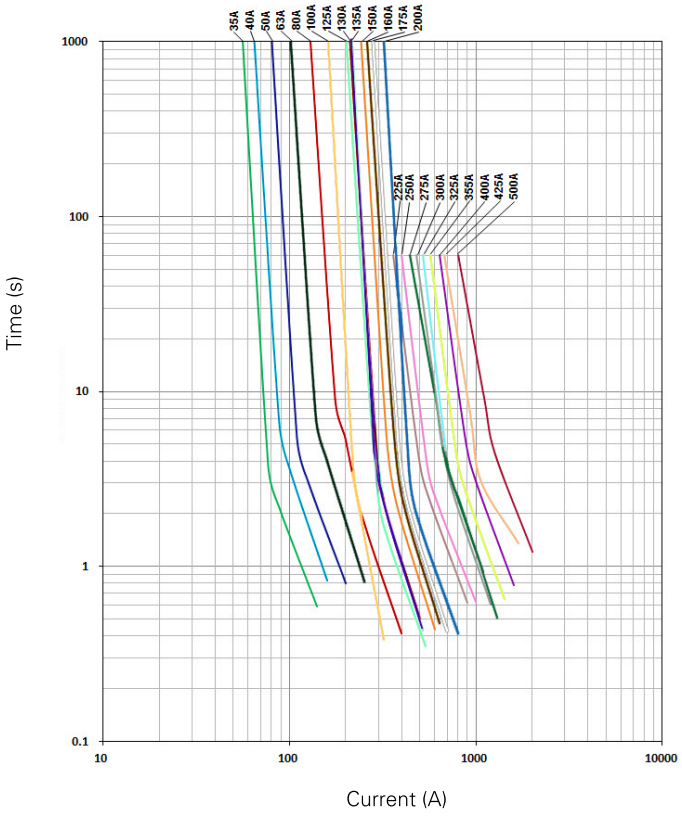
Time-Current Characteristic



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

% 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	
400	s 0.20 / 2 s	

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