

FUSE STRIP

Rated 48 V

RoHS



Description

These special purpose fuse strips protect wires rated to carry up to 48 V in battery-powered vehicles. Do not install the high-current automotive fuse strips in gasoline- or diesel-fueled vehicles. Fuse holders for these EV fuses are sold separately.

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
- Operate at up to 125 °C
- Tin-plated copper 100–500 A fuses
- Comply with DIN 43560-1
- Certified lead-free and RoHS compliant
- 90° lug and straight fork ensure secure mounting

Applications

- EVs
- Hybrid vehicles

Ordering Information

Part Number	Package Size
157.5700.xxx1	50
157.5916.xxx1	50

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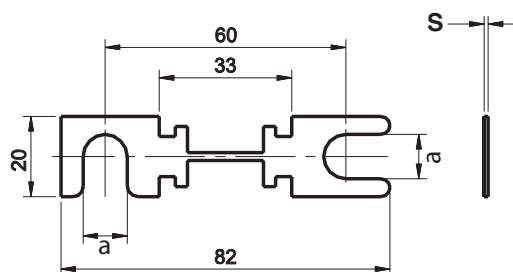
Ratings

Part Number		Current Rating (A)	Typ. Voltage Drop (mV)	Breaking Capacity (VDC/A)	Material Thickness "S" (mm)
a = 11 mm	a = 9 mm*				
157.5700.5351	157.5916.5351	35	125	48/210	0.6
157.5700.5401	—	40	125	48/240	0.6
157.5700.5501	157.5916.5501	50	125	48/300	0.6
157.5700.5631	157.5916.5631	63	125	48/378	0.6
157.5700.5801	157.5916.5801	80	125	48/480	0.6
157.5700.6101	157.5916.6101	100	125	48/600	0.5
157.5700.6121	157.5916.6121	125	125	48/750	0.8
157.5700.6131	157.5916.6131	130	125	48/780	0.8
157.5700.6141	—	135	125	48/810	0.8
157.5700.6151	—	150	125	48/900	0.8
157.5700.6161	157.5916.6161	160	125	48/960	1.0
157.5700.6171	—	175	125	48/1050	1.0
157.5700.6201	157.5916.6201	200	125	48/1200	0.8
157.5700.6231	—	225	125	48/1350	0.5
157.5700.6251	157.5916.6251	250	125	48/1500	0.5
157.5700.6271	—	275	125	48/1650	0.8
157.5700.6301	—	300	125	48/1800	0.8
157.5700.6331	—	325	125	48/1950	0.8
157.5700.6351	—	355	125	48/2130	0.8
157.5700.6401	—	400	125	48/2400	0.8
157.5700.6421	—	425	125	48/2550	1.0
157.5700.6501	—	500	125	48/3000	1.0

Corresponding holders = 177.5701.0001 and 177.5702.0001."

Dimensions

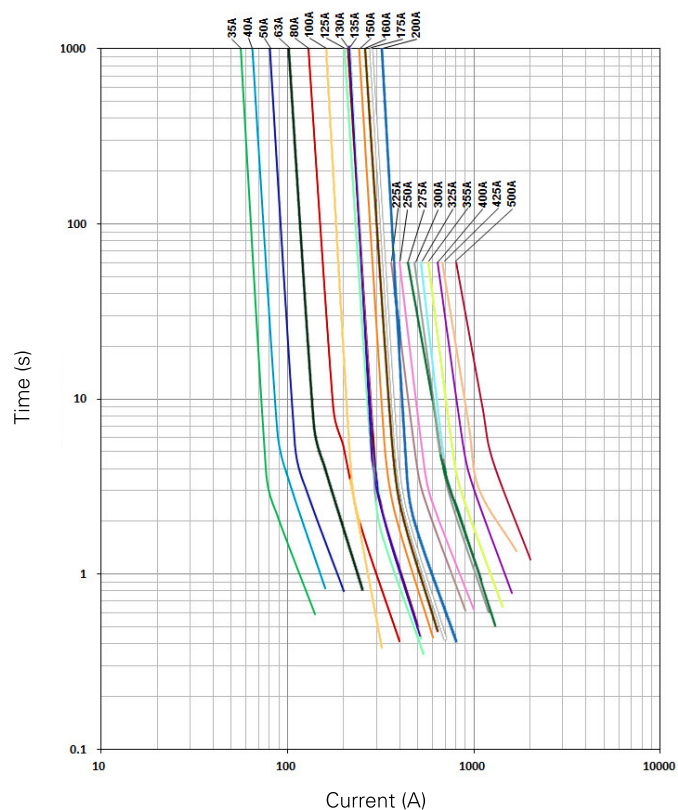
Dimensions in mm. Please refer to the outline drawing for dimensions and tolerances.



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Time-Current Characteristic



FI = 1.00 (max. operating current: $1.0 \times I_{rat}$ 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	