

HSB Series

Bolt-down Fuses – Rated 32 V



RoHS



Description

These fuses protect wires in diesel vehicles. Do not install the high-current automotive fuses in EVs or gasoline-fueled vehicles. Buy fuse holders separately.

Features & Benefits

- Ring-type lugs ensure secure mounting
- Zinc alloy elements and connectors
- Available with ratings of 30 A to 175 A
- Time- delayed

Applications

- Diesel vehicles

Agency Approvals

Agency	Agency File Number	Current Rating (A)
	20180817-E71611	30 – 175

[See Disclaimer Notice](#)

Additional Information



Resources



Samples

Specifications

Voltage Rating:	32 V DC
Interrupting Rating:	1000 A @ 32 V DC
Recommended Environmental Temperature:	–40 °C to +125 °C
Terminals Material:	Zinc Alloy
Torque Bolt M6:	4 Nm +/- 1 Nm

Ordering Information

Part Number	Package Size
156.5677.xxx1	100
156.5677.xxx2	10 000

HSB Series

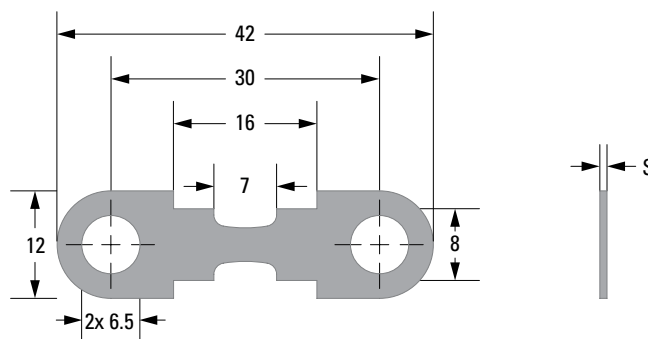
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Ratings

Part Number	Current Rating (A)	Typ. Voltage Drop (mV)	Typ. Cold Resistance (mΩ)	Typ. I ² t (A ² s)	Material Thickness "S" (mm)
156.5677.530_	30	44	1.33	3800	0.4
156.5677.540_	40	40	0.89	11 200	0.4
156.5677.550_	50	44	0.72	21 300	0.4
156.5677.560_	60	38	0.58	41 400	0.4
156.5677.580_	80	40	0.43	44 800	0.8
156.5677.611_	110	40	0.31	139 000	0.8
156.5677.615_	150	52	0.23	465 000	0.8
156.5677.617_	175	46	0.22	560 000	0.8

Dimensions

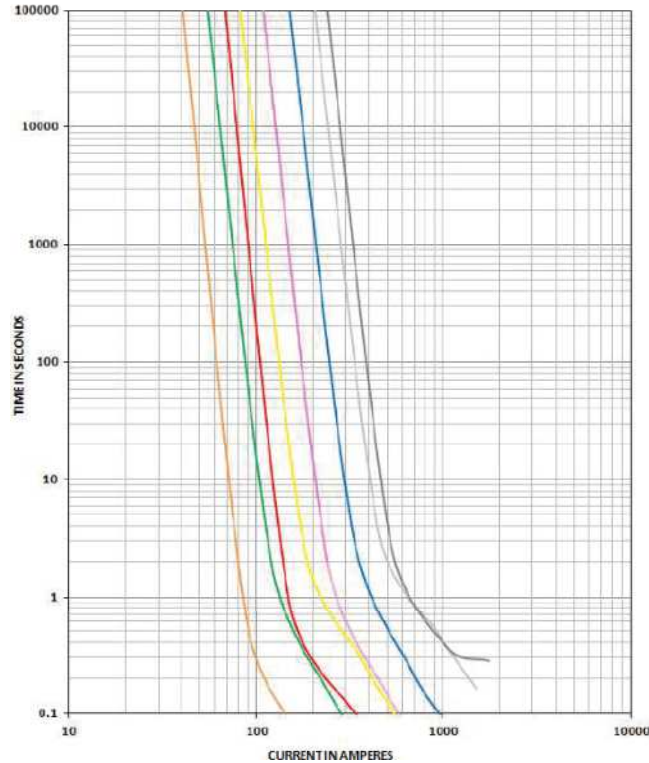
Dimensions in mm. Please refer to the outline drawing for dimensions and tolerances.



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Time-Current Characteristic



% of Rating	Opening Time Min. / Max. (s)
100	- / -
125	360 000 / -
300	0.100 / 10
600	0.020 / 1
1 000	0.010 / 0.300

— 30 A
 — 40 A
 — 50 A
 — 60 A
 — 80 A
 — 110 A
 — 150 A
 — 175 A

Note 1: FI= 1.00 (max. operating current $1.0 \times I_{rat}$ at 23°C)

Note 2: Current recommendation may be impacted by the final condition of the application (terminals characteristics, wire size etc..). Please contact Littelfuse® for more information.

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