

HEV 50A Series

High Voltage Fuses – Rated 275 VAC



Description

HEV 50A fuses come in six configurations. Each version of the cylindrical high-voltage fuse protects circuits in EVs and hybrid passenger vehicles. Ask Littelfuse which configuration best meets your needs.

Features & Benefits

- Available with blade, bolt down, or PCB connectors
- Available as a cartridge fuse

Applications

- EVs
- Hybrid passenger vehicles

Additional Information



Resources



Samples

[See Disclaimer Notice](#)

Specifications

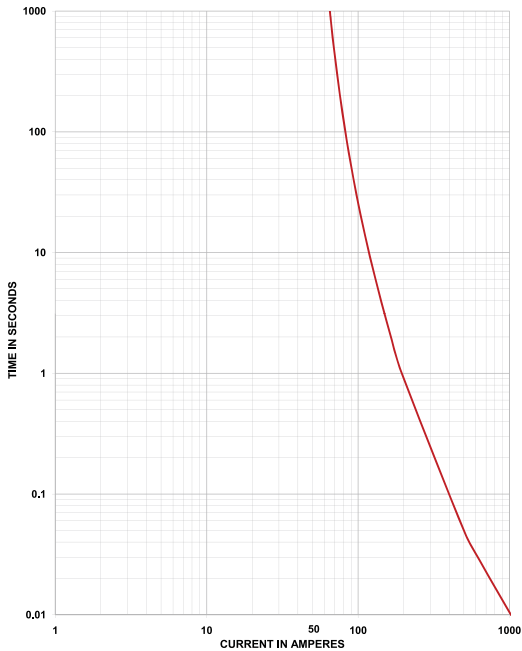
Voltage Rating (50 A):	275 VAC
Interrupting Rating (50 A):	10 kA @ 275 V DC
Operating Temperature Range:	-40 °C to +125 °C

Part Number	Termination	Package Size
0HEVxxx.ZXC2	Cartridge	240
0HEVxxx.ZXISO2	Bolt Down (ISO)	240
0HEVxxx.ZXP2Y	Blade	240
0HEVxxx.ZXPCB2	PCB Mount	240
0HEVxxx.ZXPCBL2	PCB Mount (Long)	240
0HEVxxx.ZXBD2	Bolt Down (Axial)	240

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Time-Current Characteristic



% of Rating	Opening Time Min. / Max. (s)
100	100 hrs / -
110	4 hrs / -
135	-
150	-
200	0.5 / 100
300	0.1 / 15
500	0.05 / 1

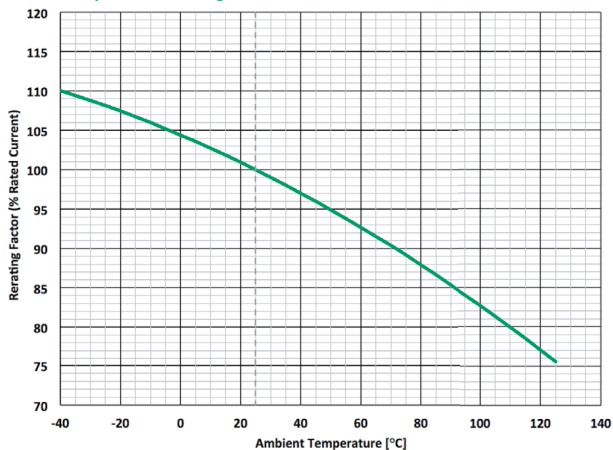
— 50 A

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

Typical Derating Curves

Temperature security margin is 20%.

Please contact Littelfuse® for Details Regarding Derating Test Set Up.



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