



Low Current
High Voltage 50A Fuses

Low Current High Voltage 50A Fuse

The LC HEV fuse is designed for protection of high-voltage accessory circuits in electric and hybrid electric vehicles.

Specifications

Voltage Rating (50A): 275 VAC
 Interrupting Rating (50A): 10,000A @ 275 VAC
 Operating Temperature Range: -40°C to +125°C

Ordering Information

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

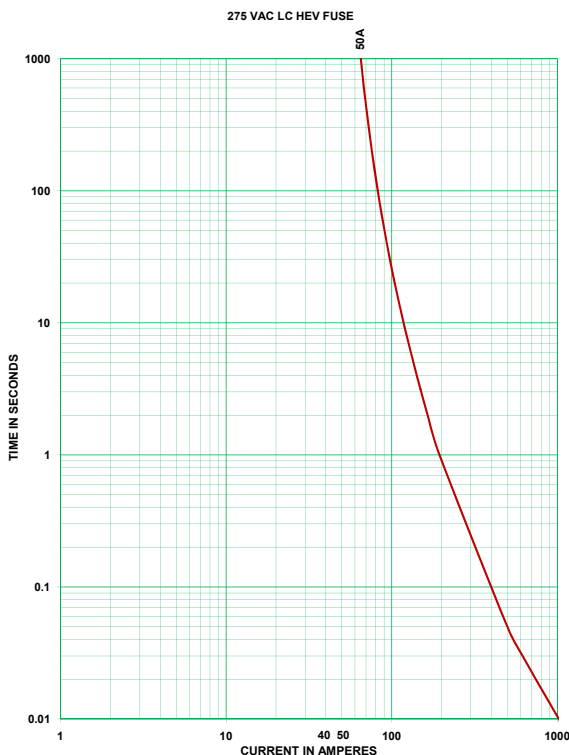
Time-Current Characteristics

| % 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 |

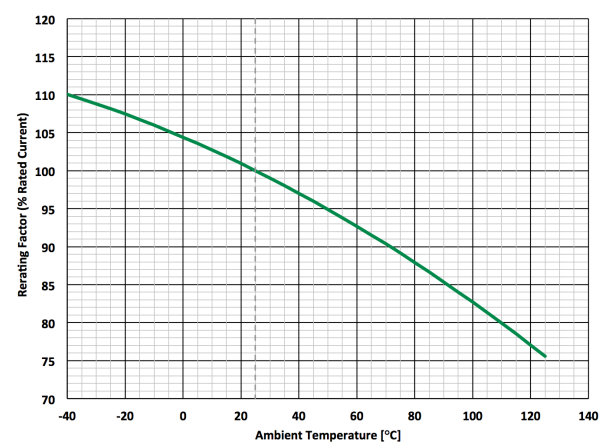
Ratings

| Part Number | Current Rating (A) | Voltage Rating (VAC) | Color Code | Typical Voltage Drop at 70% I _R (mV) | Maximum Voltage Drop Spec at 100% I _R (mV) | Typical Cold Resistance (mΩ) | Minimum Melting I ² t (A ² s) |
|-------------|--------------------|----------------------|------------|---|---|------------------------------|---|
| OHEV050.XXX | 50 | 275 | White | 57 | 200 | 1.2 | 1495 |

Time-Current Characteristic Curves



Temperature Derating Curve



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