

LC HEV FUSE

RoHS


Description

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

Specifications

Interrupting Rating (10A, 15A, 20A, 30A):	10kA @ 450 VDC
Interrupting Rating (40A):	10kA @ 425 VDC
Voltage Rating (10A, 15A, 20A, 30A):	450 VDC
Voltage Rating (40A):	425 VDC
Operating Temperature Range:	-40°C to +125°C

Ordering Information

Part Number	Termination	Package Size
0HEVxxx.SXC	Cartridge	36
0HEVxxx.SXBD	Bolt Down	20
0HEVxxx.SXBDY	Blade	20

Time-Current Characteristics

% of Rating	Opening Time Min / Max (s) 10A	Opening Time Min / Max (s) 15A, 20A, 30A	Opening Time Min / Max (s) 40A
100	100 hrs / -	100 hrs / -	100 hrs / -
110	4 hrs / -	4 hrs / -	-
135	100 / 3600	150 / 3600	150 / 3600
150	10 / 1000	10 / 1000	10 / 1000
200	0.5 / 100	0.5 / 100	0.5 / 100
300	0.1 / 15	0.1 / 15	0.1 / 15
500	0.05 / 1	0.05 / 1	0.05 / 1

Ratings

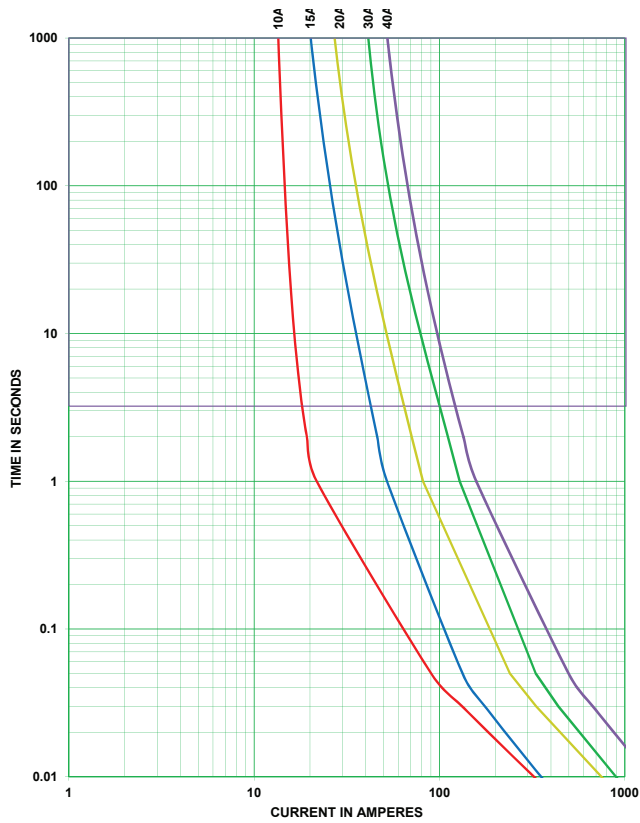
Part Number	Current Rating	Color Code	Typical Voltage Drop at 70% I _R	Maximum Voltage Drop Spec at 100% I _R	Cold Resistance	Minimum Melting I ² t
0HEV010.xxx	10A		114 mV	300 mV	13.3 mOhm	255 A²s
0HEV015.xxx	15A		96 mV	200 mV	7.9 mOhm	133 A²s
0HEV020.xxx	20A		79 mV	200 mV	6.4 mOhm	268 A²s
0HEV030.xxx	30A		67 mV	200 mV	2.7 mOhm	993 A²s
0HEV040.xxx	40A		69 mV	200 mV	1.3 mOhm	1495 A²s

Average Initial
Measurements

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Time-Current Characteristic Curves



Dimensions

Dimensions in mm

