



EV Fuse HCEVF

Product Application

- Pure Electric, Hybrid Vehicle
- BDU, PDU, MSD
- Battery Module
- Charging Pile
- Ultra-capacitor
- Low Speed Electric Vehicle
- All In One Motor controller
- Auxiliary Equipment Junction Box
- Battery Charger

Product Overview

Product Series	Product Series	Voltage Range	Current Range	Use Category	Breaking Capacity
HCEVF1	British BS88	175-750VDC	10-400A	gR aR	20kA 50kA
HCEVF2	Ceramic Pipe	250-1000VDC	100-500A	gR aR	20kA 50kA
HCEVF3	The North American Style	500-1000VDC	40-500A	gR aR	20kA 50kA
HCEVF4	European Standard Square Body	800VDC	100-400A	aR	50kA
HCEVF5	European Standard Square Body	500-1000VDC	200-630A	gR aR	20kA 50kA

HCEVF3 **The North American Style**



Features:

This series of products are designed for the protection of high voltage DC system of electric vehicles, which can realize the full range of DC fault current protection. Using melamine laminate tube, has excellent cycle impact resistance and vibration impact resistance.

Basic Parameter:

- Rated Voltage: 500-1000VDC
- Rated Current: 40-500A
- Breaking Capacity: 20kA (L/R ≤ 2ms)
50kA (L/R ≤ 2ms)
- Standard: ISO8820, GB/T31465
- RoHS
- Use Category: gR or aR

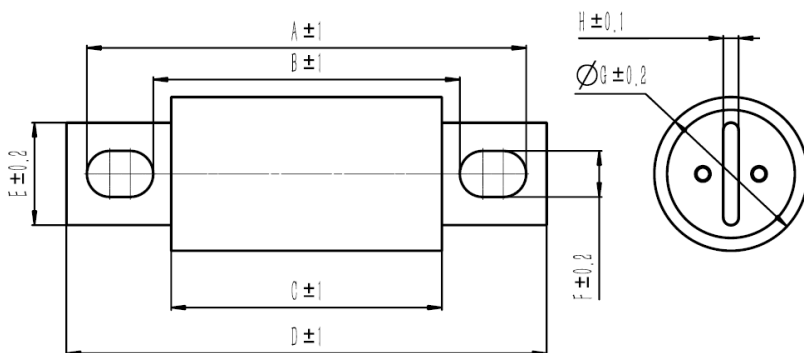
Applications:

- Low Speed Electric Vehicle
- Pure Electric, Hybrid Vehicle
- Battery Module
- Ultra-capacitor

Product Model

	HC	EV	F	3	-	20JM	-	100	/	750
HC Company Code										
EV Electric Vehicle										
F FUSE										
Series Code	3:The North American Style									
Type	20JM; 30JM; 38JM									
Rated Current	40:40A; 50:50A; 80:80A; 100:100A; 125:125A; 150:150A; 200:200A; 300:300A; 350:350A; 400:400A; 450:450A; 500:500A									
Rated Voltage	500:500VDC; 750:750VDC; 1000:1000VDC									

OUTLINE DIMENSIONS



Model	Rated Voltage (V)	Rated Current (A)	A (mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)
HCEVF3-20JM-□/□	500	80	76	48	40	82	13.5	8	20	3.5
		100								
		125								
		150								
		200								
	750	100	103	75	67	109	13.5	8	20	3.5
		125								
		150								
		200								
	1000	40	108	80	72	114	13.5	8	20	3.5
		50								
		60								
		80								
100										
HCEVF3-30JM-□/□	500	225	72	61	48	89	20	9	30	3
		250								
		300								
		350								
		400								
	750	200	91	83	67	108	20	9	30	3
		225								
		250								
		300								
	1000	100	96	88	72	113	20	9	30	3
		125								
		150								
		200								
HCEVF3-38JM-□/□	750	100	127	78	72	133	24	10.5	38.2	5
		125								
		200								
		300								
		350								
		400								
		450								
500										