



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

HCEVF1

British BS88



Features:
This series of products is specially designed for the protection of electric vehicle HVDC system.
It has the advantages of small size, light weight and low power consumption, and can realize the full range of DC fault current protection.
It has excellent cyclic shock resistance and vibration shock resistance.

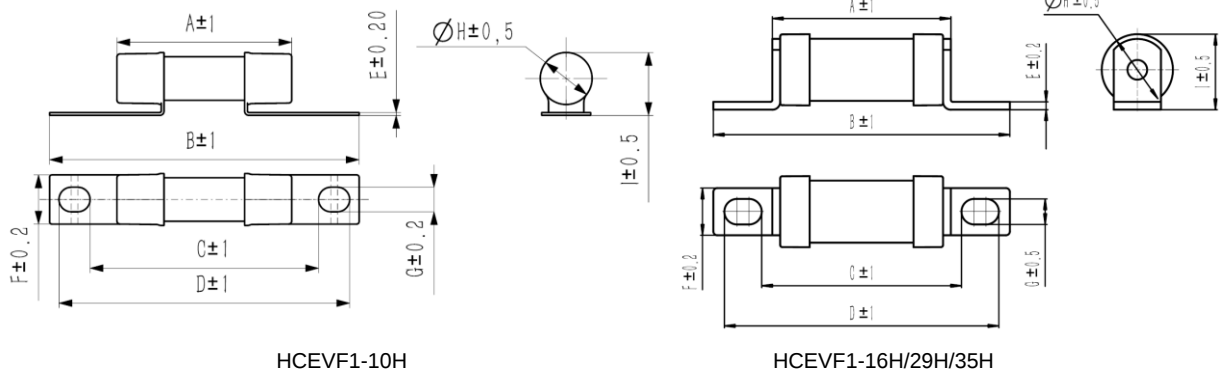
- Basic Parameter:**

 - Rated Voltage: 175-750VDC
 - Rated Current: 10-400A
 - Breaking Capacity: 20kA (L/R ≤ 2ms)
50kA (L/R ≤ 2ms)
 - Standard: ISO8820, GB/T31465
 - RoHS
 - Use Category: gR or aR
- Applications:**

 - BDU, PDU, MSD
 - All In One Motor controller
 - Auxiliary Equipment Junction Box
 - Battery Charger
 - Ultra-capacitor

Product Model										
	HC	EV	F	1	-	10H	-	10	/	750
HC	Company Code									
EV	Electric Vehicle									
F	FUSE									
Series Code	1:British BS88									
Type	10H; 16H; 29H; 35H									
Rated Current	10:10A; 20:20A; 30:30A; 40:40A; 50:50A; 63:63A; 80:80A; 100:100A; 125:125A; 150:150A; 200:200A; 250:250A; 300:300A; 315:315A; 400:400A									
Rated Voltage	175:175V 250:250VDC; 500:500VDC; 750:750VDC;									

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)	I (mm)
HCEVF1-10H-□/□	500	10	37.3	65	48	61	0.6	10.5	5	11.3	13.3
		20									
		30									
		40									
		50									
	750	63									
		10									
		20									
		30									
		40									
HCEVF1-16H-□/□	175	50	27	57	33	51.5	2	12	6.5	18	19
		80									
		100									
		150									
		180									
	750	250									
		50									
		63									
		80									
		100									
HCEVF1-29H-□/□	250	100	41	98	55	87	2.5	25	10	31	36
		125									
		150									
		200									
		250									
	750	300									
		100									
		125									
		150									
		200									
HCEVF1-35H-□/□	250	250	39	90	47	79	2.5	25	10	38	42
		300									
		315									
		100									
		125									
	750	150									
		200									
		250									
		300									
		315									