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PRODUCT DATASHEET

Blade Fuses

J0298 Blade Fuse Devices



Description

J0298 series EV fuses are specially engineered and tested to provide best-in-class protection performance in protecting high power battery charging and managing systems of Electrical Vehicles and Hybrid Electrical Vehicles, up to 70 VDC in ratings from 10A to 500A.

Agency Approvals

Agency	File Number
	E544180

Regulation	Standard
	2002/95/EC
	EN14582

Features

- Bolt Size: M8
- Torque: M8:12N·m
- Recommended fuse holder: BHR059-25-M8; BHR051-25-M8; BFR050-28-M8

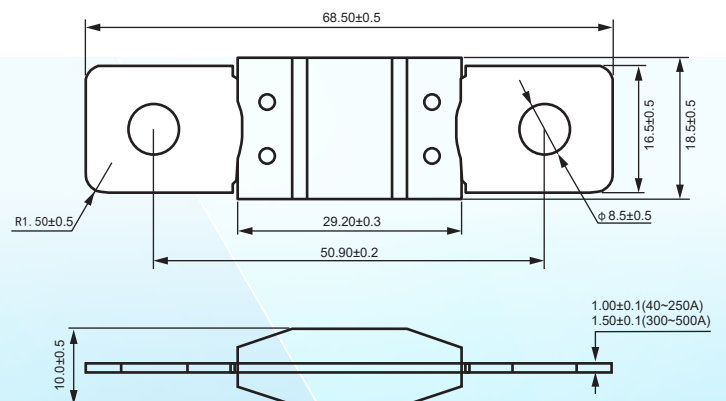
Applications

- Charging protection
- BMS Protection
- SUV

Electrical Characteristics

% of Rating	Blowing Time	
	40A ~250A	300A~500A
75%	~	>4h
100%	>4h	~
135%	2~30 min	~
200%	1~15s	1~15s
350%	0.3~5s	0.3~5s
600%	0.1~1s	0.1~1s

Dimensions (mm)



Performance Specification

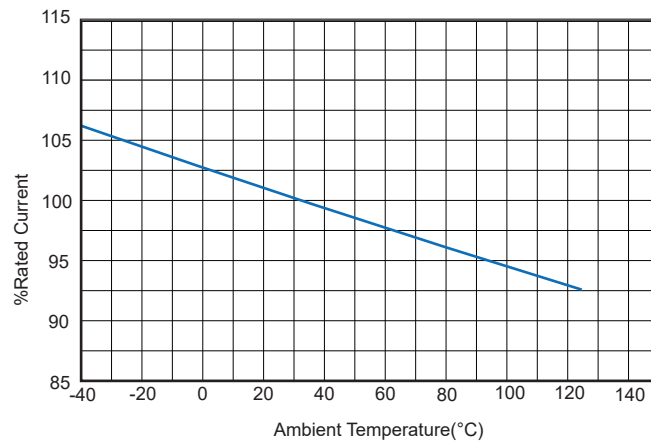
Model	Current Rating (A)	Voltage Rating (Vdc)	Interrupting Rating	Melting I ² t @10In (A ² s)	Max Voltage Drop (mV)
J0298010	10	32/70/125	5KA@32Vdc 2.5KA@70Vdc 1KA@125Vdc	170	140
J0298015	15			420	140
J0298020	20			680	140
J0298025	25			1100	140
J0298030	30			1710	140
J0298035	35			2900	140
J0298040	40			7600	140
J0298050	50			13000	140
J0298060	60			18500	140
J0298070	70			24000	120
J0298080	80			33500	120
J0298100	100			49000	120
J0298125	125			77100	120
J0298150	150			105000	120
J0298175	175			150000	120
J0298200	200			201000	120
J0298225	225			252000	120
J0298250	250			310000	120
J0298300	300			449000	85
J0298350	350			801000	85
J0298400	400			1240000	85
J0298450	450			1600000	85
J0298500	500			1900000	85

Specification

Operating Temperature Range	Materials	
-40°C~+125°C	Plastic casing	Polyamide UL 94V-0
	Metal Element	Copper alloy

Environmental Characteristic

Temperature Derating Curve



Time-Current Characteristic Curves

