GFEFUSE

GFEVT250-36E Series 125V150V250V300VDC, 200A-450A （Fast-Acting)Square body fuse links

RoHS COMPLIANT

Description 描述

- DC fuse for New Energy Electric Vehicles and Electric Vehicles
- Stud-mount
- 125V150V250V300V DC, suitable for electric or hybrid vehicles and battery applications
- Excellent DC performance
- Special designed fuse base for vehicle situation

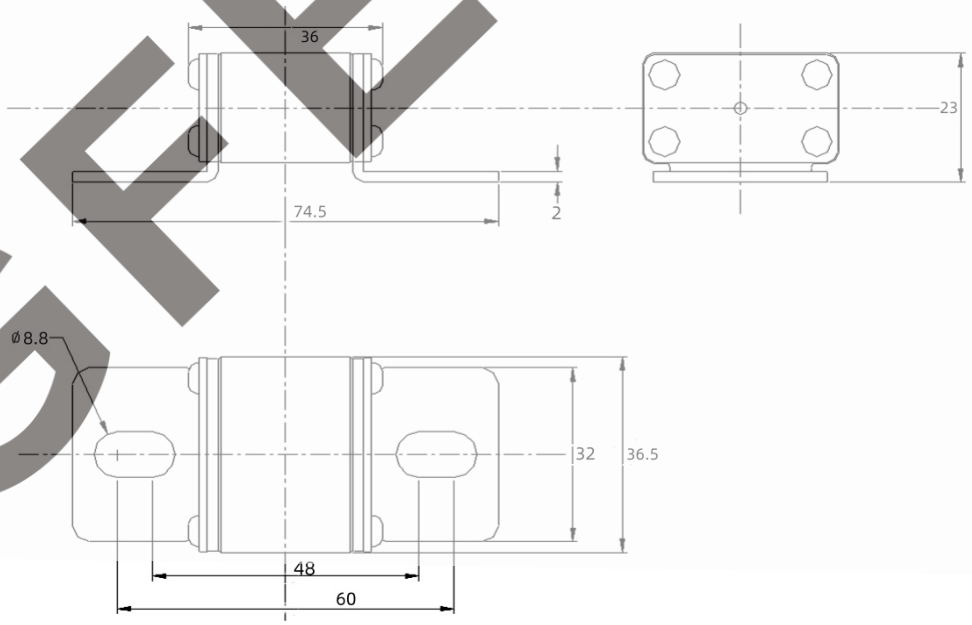
Electrical Characteristics		
% of Ampere Rating (A)	Operating times (s)	
	Min	Max
200%	1	300
300%	0.2	30
500%	0.1	10

Specifications

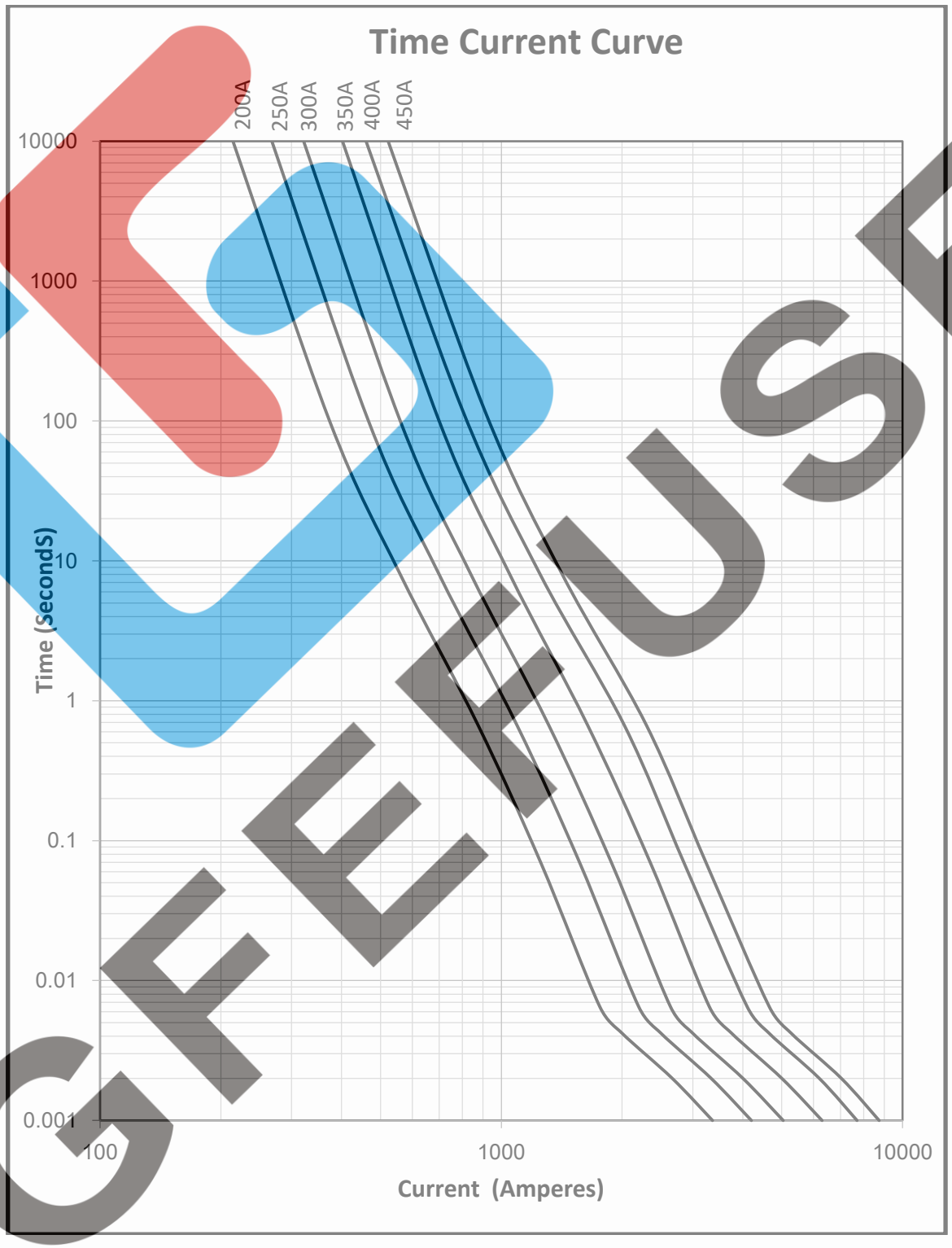
Type	Ordering P/N	Electrical Characteristics		
		Rated Current	Rated Voltage	Interrupting rating
		A	VDC	
Single	GFEVT250-200	200	300	250VDC/20000A L/R: 1-5ms
	GFEVT250-250	250		
	GFEVT250-300	300		
	GFEVT250-350	350		
	GFEVT250-400	400		
	GFEVT250-450	450		

*Temperature Rise : <=50K with 50% of rated current 50% 50K

Dimension (mm)



Time-Current Curve



Transportation and Storage

During transportation and storage, should avoid water seepage and mechanical damage

Conditions for operation in service

Where the following conditions apply, fuses complying with this standard are deemed capable of operating satisfactorily without further qualification.

Normal temperature: -5℃ to 40℃;

The altitude of the site of installation of the fuses does not exceed 2 000 m above sea level;

The air is clean and its relative humidity does not exceed 50 % at the maximum temperature of 40℃;

Higher relative humidities are permitted at lower temperatures, e.g. 90 % at 20℃;

Under these conditions, moderate condensation may occasionally occur due to variation in temperature.

For operation condition other than above, please contact manufacturer.

Vibration

Meet JASO D622:2006 Section 6.3.3 Vibration durability test requirement, can be use on Electrical Vehicle application;

Temperature Re-Rating Curve