

500VDC, DC Fuse for EV/HEV

A372103-XXX Series



Description 描述

- DC fuse for EV/HEV 用于纯电动汽车和混合动力汽车的直流熔断器
- Stud-mount 螺栓安装
- 500Vdc ideal for EV or HEV application 专为纯电动汽车和混合动力汽车设计的 500V 直流熔断器
- Excellent DC performance 卓越的直流分断能力
- Special designed fuse base for vehicle situation 提供专为汽车恶劣环境特殊定制的熔断器底座

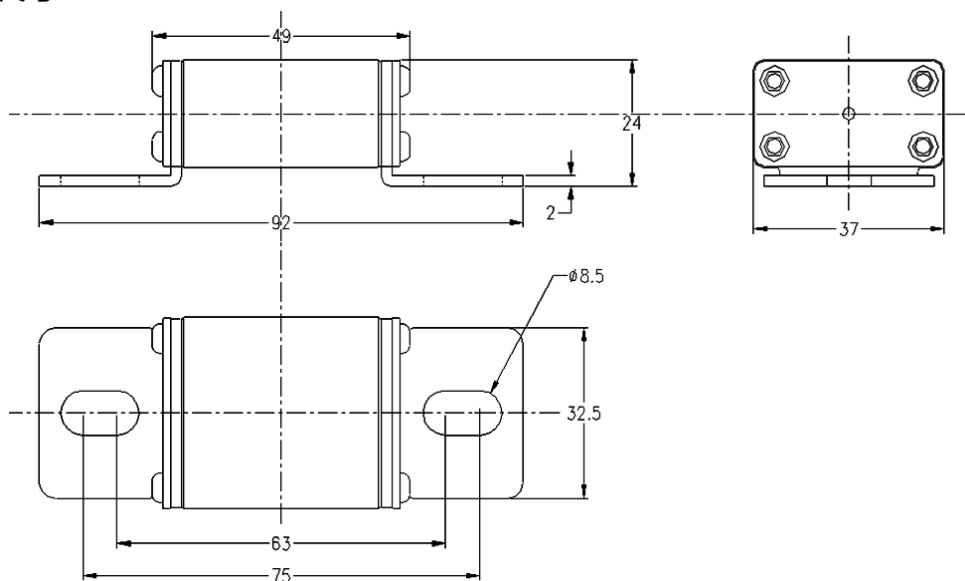
Electrical Characteristics		
% of Ampere Rating (A)	Operating times (s)	
	Min.	Max.
200%	1	300
300%	0.2	30
500%	0.1	10

Specifications 电气特性

Type	Ordering P/N	Electrical Characteristics		
类型	订购料号	Rated Current	Rated Voltage	Interrupting rating
		A	VDC	
单体 Single	A372103-150	150	500	500VDC/50000A L/R: 2ms
	A372103-200	200		
	A372103-250	250		
	A372103-300	300		
	A372103-350	350		
	A372103-400	400		

*Temperature Rise 温升: ≤50K with 50% of rated current 50%额定电流小于等于 50K

Dimension (mm)尺寸



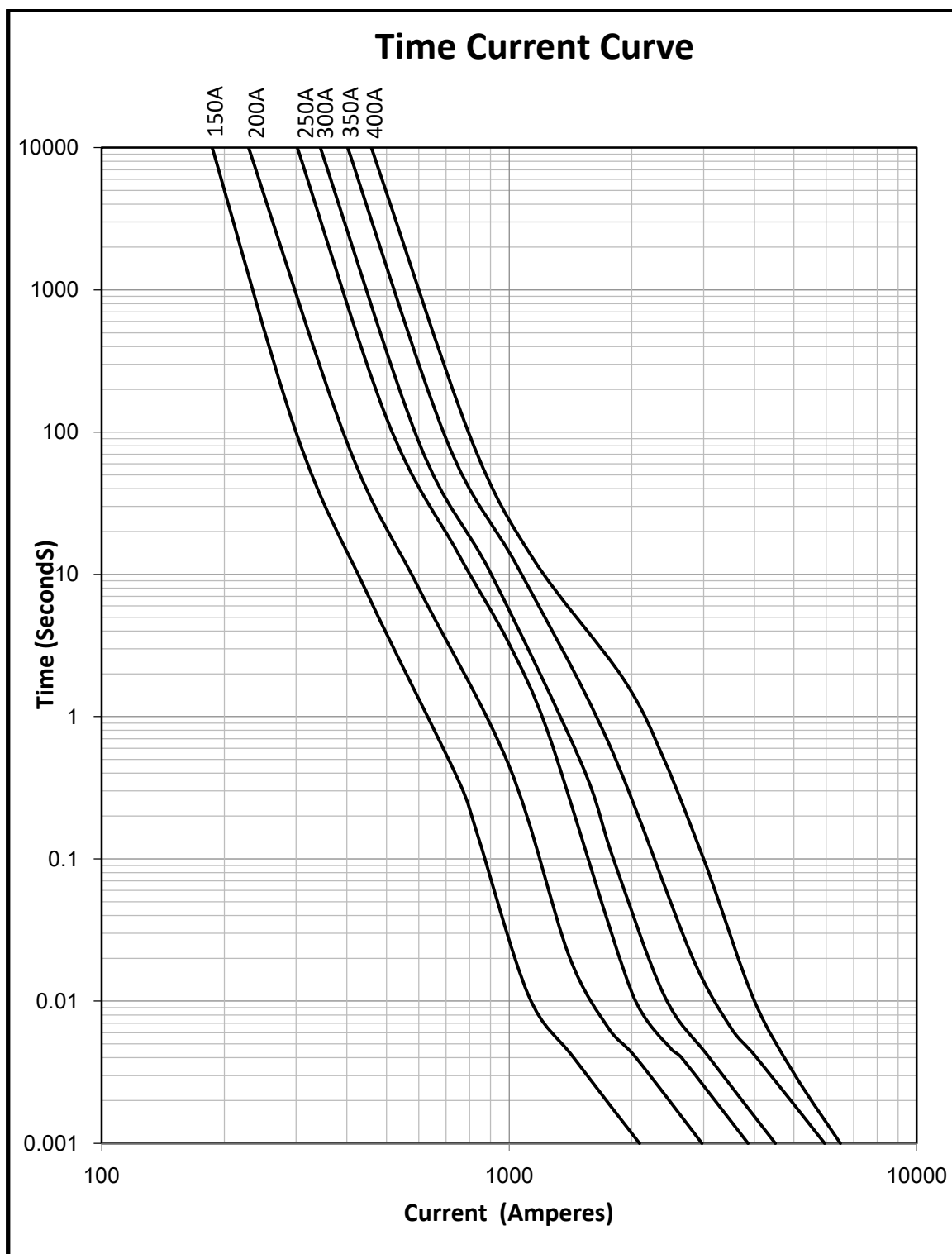
Note: 推荐安装扭矩: 12+/-1Nm (M8)

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Time-Current Curve 时间电流曲线



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Transportation and Storage 运输与储存

During transportation and storage, should avoid water seepage and mechanical damage 运输与储存期间,应避免雨雪侵蚀和机械损伤.

Conditions for operation in service 工作条件

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

Normal temperature: -5°C to 40°C;

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°C;

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

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

For operation condition other than above, please contact manufacturer.

在以下条件下使用,熔断器认为能正常工作,不需要进一步验证:

周围空气温度:-5°C to 40°C;

安装地点的海拔不超过2000米;

空气是干净的,其相对湿度在最高温度为40°C时不超过50%;

在较低温度下可以有较高的相对湿度,例如,在20°C时,相对湿度可达90%;

在这些条件下,由于温度变化,可能偶然发生中等凝露.

如果使用条件超出以上范围,请咨询制造商以确认相应的折减计算.

Vibration 震动条件

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

符合JASO D622:2006章节6.3.3的震动测试要求,可用于一般电动汽车应用.

Temperature Re-Rating Curve 温度调额曲线

Operating Temperature: -40°C to +105°C, with proper rerating factor applied

