

800VDC, Fast Acting Fuse

ST372101-xxx Series



Description 描述

- Fast Acting fuse for DC Application 用于直流应用的快速熔断器
- Stud-mount, optional for other installation 螺栓安装,提供其他安装方式选择
- Excellent DC performance 卓越的直流分断能力
- Design to UL248-1 & UL248-20 依照 UL EV 熔断器标准 248-1&248-20 设计
- Comply RoHS directive 符合 RoHS 指令

Specifications 电气特性

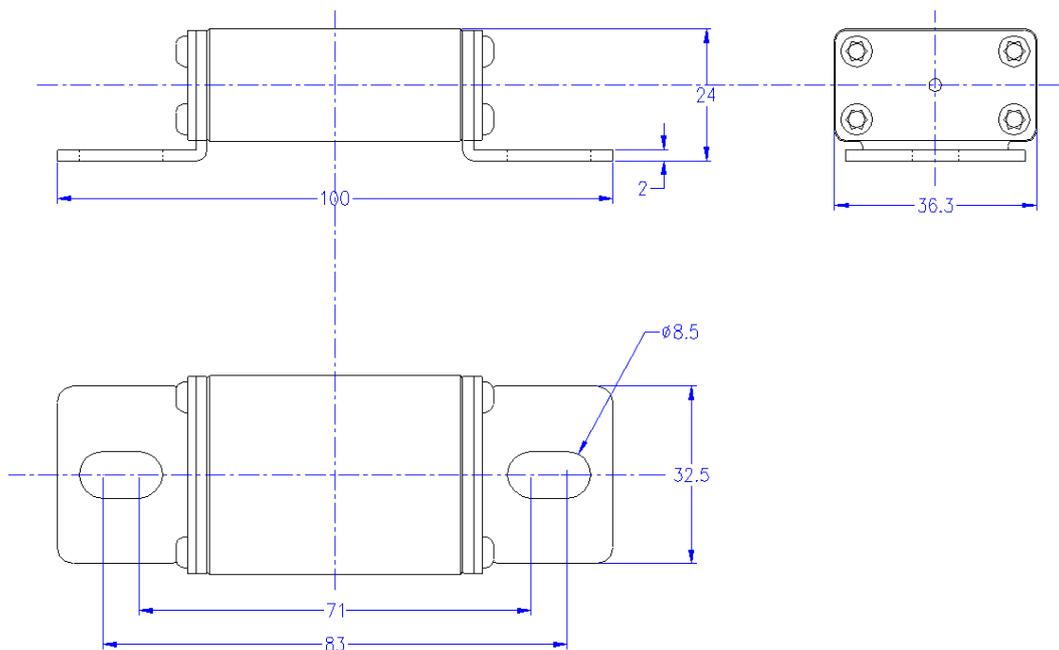
Ordering P/N 订购料号	Rated Current 额定电流 (A)	Rated Voltage 额定电压 (VDC)	Breaking Capacity 分断能力	Power loss 功耗 (W)
ST372101-150	150	800V	20kA @ 800Vdc 50kA @ 800Vdc*	32
ST372101-200	200			40
ST372101-250	250			48
ST372101-315	315			60
ST372101-350	350			65
ST372101-400	400	800V	50kA @ 750Vdc* 20kA @ 800Vdc	72

* Temperature Rise 温升: <50K with 50% of rated current 50%额定电流下小于 50K

* Self-certified for 50kA Breaking Capacity

Dimension (mm)尺寸

Type: 单体/Single

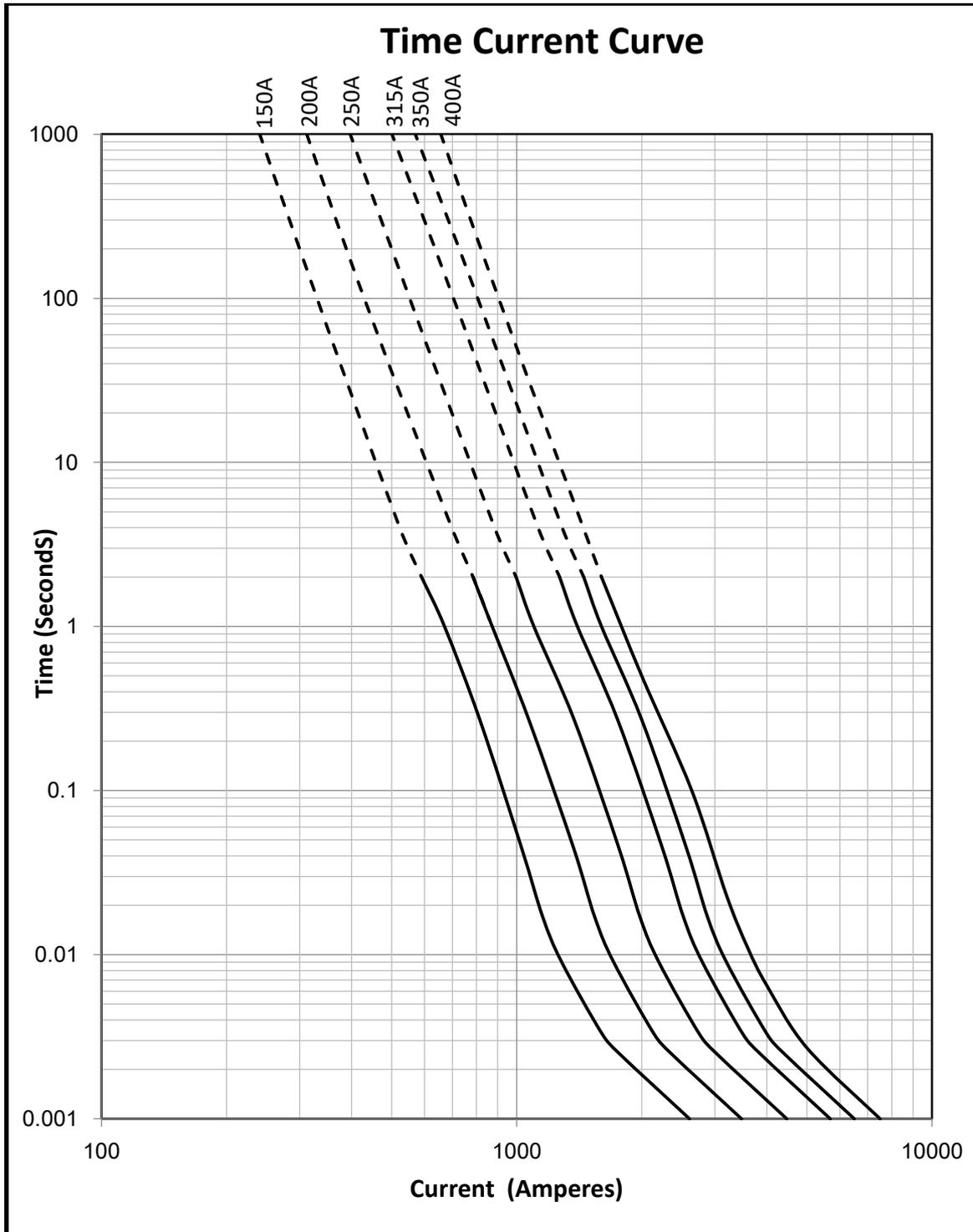


Note: 推荐安装扭矩: 12+/-1Nm (M8)

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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 $+100^{\circ}\text{C}$, with proper rerating factor applied

