

# 1000VDC, Fast Acting Fuse for DC Application

## A181001 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

Comply RoHS directive 符合 RoHS 指令

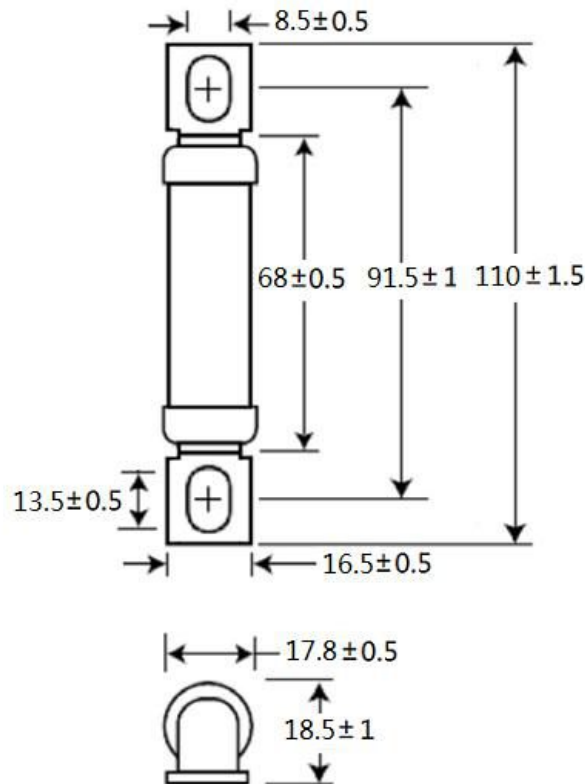
### Specifications 电气特性

Type 类型	Ordering P/N 订购料号	Electrical Characteristics			1.0In Power loss 额定功耗 (W)
		Rated Current 额定电流(A)	Rated Voltage 额定电压(DCV)	Breaking Capacity 分断能力	
Single 单体	A181001-50	50	1000V	50KA	12
	A181001-63	63			15
	A181001-80	80			17

\* 0.5In Temperature Rise  $\leq$ 50K 0.5 倍载流温升不大于 50K

### Dimension (mm)尺寸

单体/Single (安装端子厚度为 2+/-0.2mm)

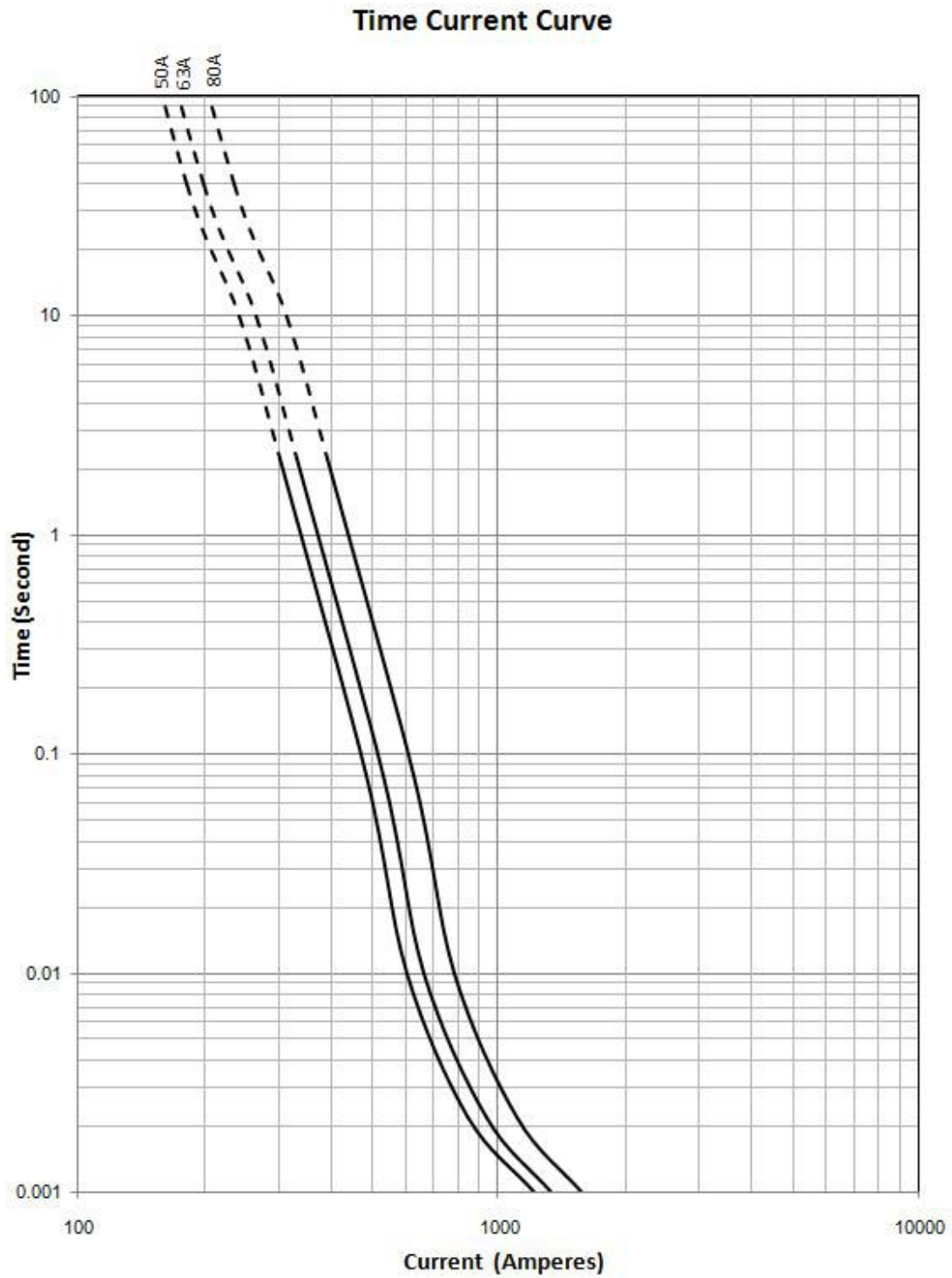




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## Time-Current Curve 时间电流曲线



### 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:  $-5^{\circ}\text{C}$  to  $40^{\circ}\text{C}$ ;

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  $40^{\circ}\text{C}$ ; Higher relative humidities are permitted at lower temperatures, e.g. 90 % at  $20^{\circ}\text{C}$ ;

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: $-5^{\circ}\text{C}$  to  $40^{\circ}\text{C}$ ; 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  $40^{\circ}\text{C}$  时不超过 50%;在较低温度下可以有较高的相对湿度,例如,在  $20^{\circ}\text{C}$  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.

### Temperature Derating Curve 温度调额曲线

