

产 品 规 格 书

PRODUCT SPECIFICATION

客户名称/Customer	
客户料号/Part No	
客户承认签章 Customer Approved Signatures	

供方/Supplier	友容新源电气（昆山）有限公司
文件编号/Spec No	CF-PS19121301
品名/Description	FUSE
型号/Model	FDP-（450-600）A
日期/Date	04/14/2018
设计/Designed	批准/Approved
胡曾	kevin

地址：中国江苏省昆山市周市镇陆扬友谊北路153号
ADD:No.153, Youyi North road, Zhoushi Town, Kunshan City,
Jiangsu Province in china

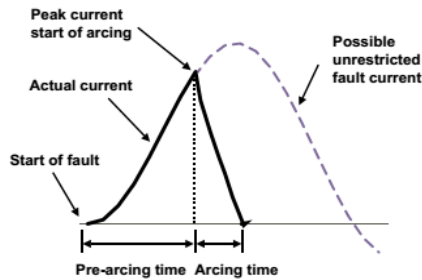
电话/Tel: 86-512-36698841 传真/Fax: 86-512-36698843

Http: www.cfriend-electric.com

FDP-FUSES Fuses for Semiconductor Protection
IEC60269-4/JASO D622/ISO8820 standard

SIZE	Rated Voltage	Operating Class	Rated Breaking Capacity
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63	dc 700V	aR	700VDC@ 20kA
	ac 700V		700VAC@ 100kA



型号 Product model

- FDP-□□□A

型号诠释 Product interpretation

FD P- □□□A
① ② ③

- ①北美熔断器 North American fuse
- ②额定电压 Rated Voltage :P 700Vac/dc
- ③额定电流 Rated Current :A

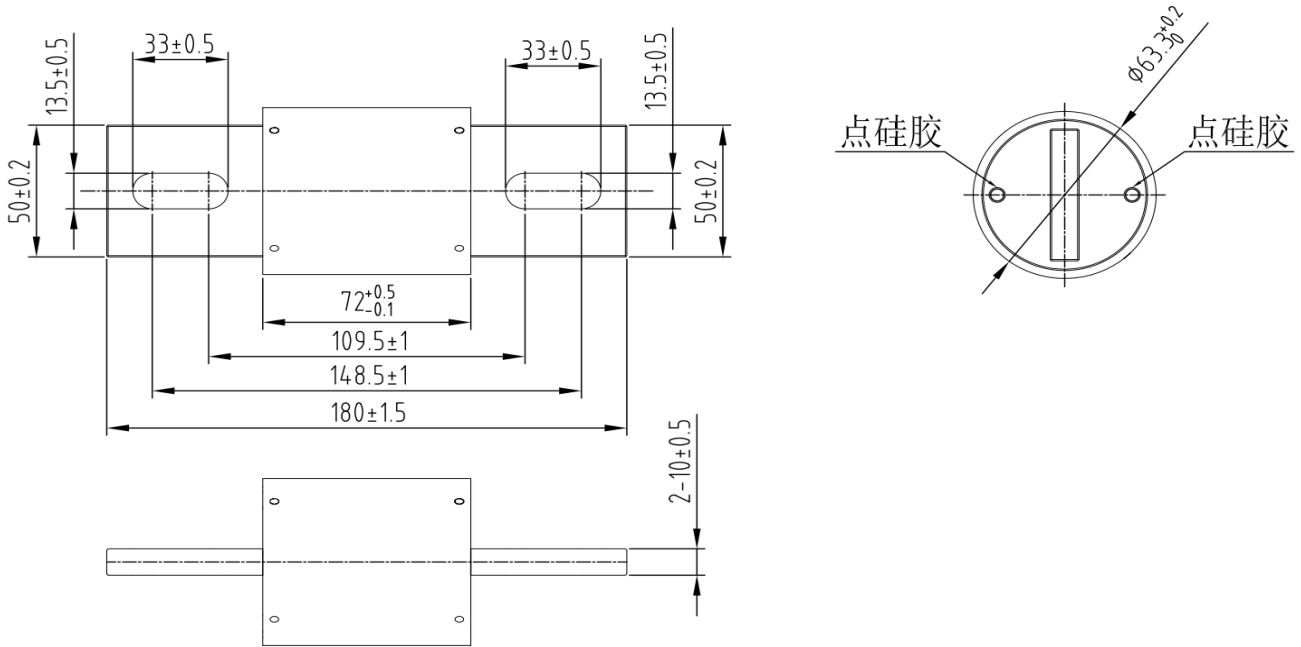
描述 Description

- 安全可靠的螺栓连接方式 Safe and reliable connecting way of bolt-on
- 优越的电气性能，快速保护EV汽车系统，迅速切断系统中的故障电流。

Excellent electric performance, quick protection for EV system, cut down the fault current of the system.

- 设计参考 JASO D622 ISO8820-8 Product design conforms to JASO D622 ISO8820-8
- 产品过程符合IATF16949质量管理体系要求 Product process conforms to IATF16949
- 产品、包装符合RoHS Product and Package conforms to RoHS

外形尺寸 Dimensions



物料选择 Selection and ordering data

Rated current 【A】	Rated voltage 【V】	Part Number	Power Loss 【W】	Pre-arcing 12t 【A2S】	Total@660V 12t 【A2S】	Weight 【Kg/1】	Pack
450	700	FDP-450A	77	35000	209900	1.1	1
500		FDP-500A	80	45000	260500		
600		FDP-600A	101	55000	320000		

使用条件 Operating condition

No	项目 Item	要求 Requirements
1	使用电压范围 Operating voltage	≤700V
2	使用环境 Operating environment	-40℃~85℃ RH<50%(≥40℃) RH<90%(≤20℃)
3	保存环境 Storage environment	-5℃~40℃ RH<75%
4	海拔高度 altitude	≤3000m
5	安装扭矩 Install torque	M12 38±1N.m
6	污秽等级 Pollution level	III

时间电流特性曲线 Time- Current Characteristics Curve

