



浙江驰风电气

Products Catalog  
Fuse Series  
新能源熔断器导购手册



## Brief Introduction 公司简介

江驰风电气有限公司是一家专业生产熔断器的企业。公司位于中国低压电器之都 - 温州柳市。公司建筑面积 3000 多平方米，注册资金 1000 万。公司集产品研发、制造、销售于一体，拥有雄厚的技术力量，先进的生产和检测设备。

公司专注生产全系列低压交流与直流熔断器，公司主导产品有：HNRT16(NT)、RT18 等线路过载或短路保护用低压熔断器，和 RS0、RS3、NGT 580M 等半导体设备保护用低压熔断器；在新能源保护产品系列方面，公司研发出 gPV 光伏熔断器系列 CF-10PV(10X38)、CFPV-30 CF-12PV(10X85)、CFPV-32L(14X85) 等，广泛应用于光伏系统汇流箱；电动汽车直流熔断器产品 (CFB 及 CFG) 系列，广泛应用于电力驱动系统、电源系统和辅助系统的电路保护。产品符合国际电工委员会 IEC60269 标准和国家标准 GB13539 标准，并通过 ISO9001 质量管理体系，产品获得 CCC、CE、CB、TUV 等认证。产品畅销国内、欧洲、美洲、东南亚及中东等国家和地区。

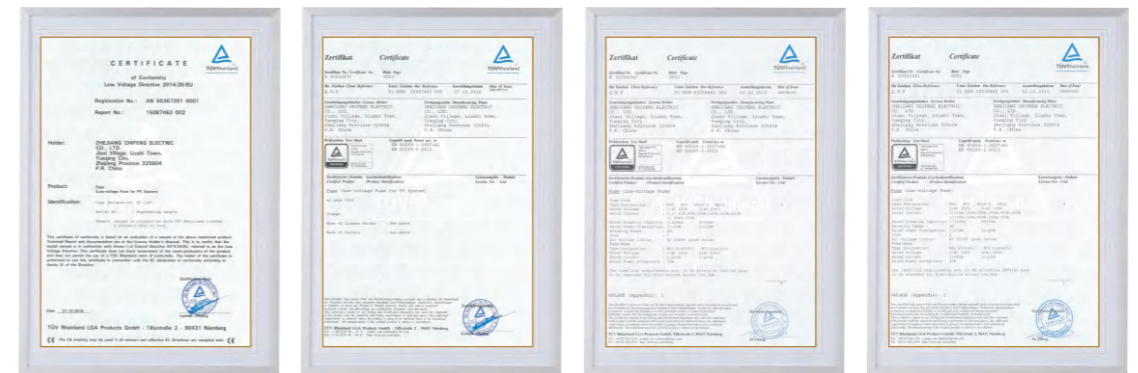
**走科技驰道,扬品质风帆。** 秉承诚实守信的经营宗旨，专业成就品牌的信念，不断创新和完善产品质量。多年来，FCHFE® 牌产品赢得了广大国内外顾客的信赖。为了更好地开拓市场，竭诚欢迎国内外朋友惠顾，为我们更加辉煌的明天而携手共进。

Zhejiang Chifeng Electric Co.,Ltd. is a professional manufacture for fuses. The company is located in Liushi, Wenzhou -- the Capital of Low Voltage Electric in China, covering an area of over than 3000 square metres with registered capital of 1 million; and integrating R&D, manufacturing and sales, with strong technical force, advanced manufacturing and testing equipment.

Chifeng Company is focusing on full series of low voltage AC and DC fuses. The major products are NH, RT16(NT), RT18 etc., used for overload or short circuit protection; and RS0, RS3, NGT etc. is for semiconductor equipment protection. In the filed of the New Energy protection fuses, Chifeng company developed the gPV Fuse series CF-10PV(10X38), CFPV-30 CF-12PV(10X85), CFPV-32L(14X85) which is widely used in combiner box in solar systems; Electric Vehicle DC fuse (CFB, CFG) series widely used in the protection of electric-driven systems, power systems and auxiliary systems. Products meet the standard of IEC60269 and GB13539 and obtained ISO9001, CCC CE CB TUV certification, and sold well in domestic, Europe, America, Middle east and other countries and regions.

Committed to innovation, committed to quality. Chifeng company constantly innovates and improves product quality based on honesty, integrity and profession. Products with FCHFE® brand win the trusts from both domestic and overseas customers. In order to expand a larger market, both domestic and oversea friends are sincerely welcomed to visit our company. We hope that we can join together to make a brilliant future.

浙江驰风电气有限公司  
ZHEJIANG CHIFENG ELECTRIC CO.,LTD.



**工于研发  
获得多项自主专利**

Work on development  
Access to a number of Independent patents

# 三十年领航追求卓越品质

创名牌企业、造优质产品、送优良服务、铸一流品牌

30 years of navigation,  
the pursuit of excellence quality

司高度重视产品质量、安全、环保等工作，大部分产品通过 3C、TUV、UL、CE、CB 等认证，并通过 ISO 9001:2015 质量管理体系、建立起了规范的现代企业管理体系，定期开展“现场质量评价”活动及“卓越绩效管理”的同时，始终牢记百分百合格品和零缺陷的质量意识，产品质量和性能得到了持续的优化和提升，确保了客户买得满意、用得放心！

# FUSE

## 驰风熔断器

确保为行业用户提供一流的产品和服务  
ENSURE THE PV INDUSTRY TO PROVIDE THE BEST PRODUCTS AND SERVICES



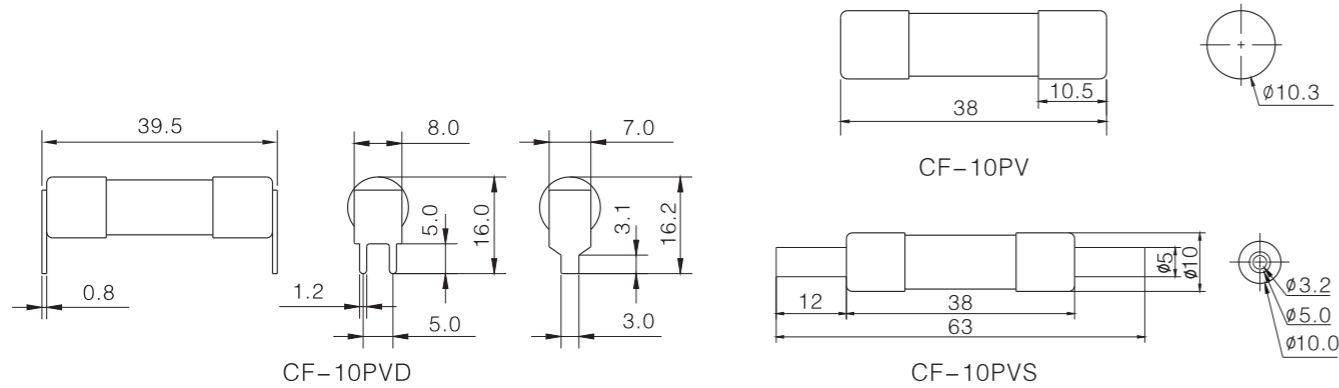
CF-10PV CFPV1038 1A-32A 1000V DC  
CF-10PVD CFPV1038D 1A-32A 1000V DC  
CF-10PVS CFPV1038S 1A-32A 1000V DC



光伏熔断器  
Photovoltaic Fuse

- 尺寸/Fuse Size: 10 X 38mm;
- 使用类别 /Class of Operation: gPV
- 标准/Standard: IEC 60269-6 UL248-19
- 分断能力/Breaking Capacity: 20kA
- 时间常数/Time Constant: 1-3ms

尺寸/Dimensions-mm

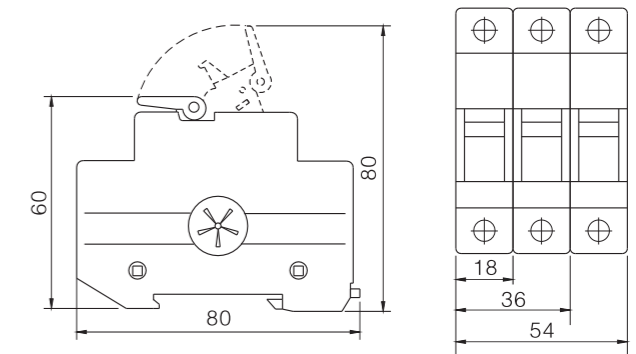


CFPV-32 32A 1000V DC (10X38)

光伏熔断器  
Photovoltaic Fuse

- 额定电压/ Rated Voltage : 1000VDC
- 使用类别 /Class of Operation: gPV
- 标准/Standard: UL4248-19 IEC 60269-6

尺寸/Dimensions-mm

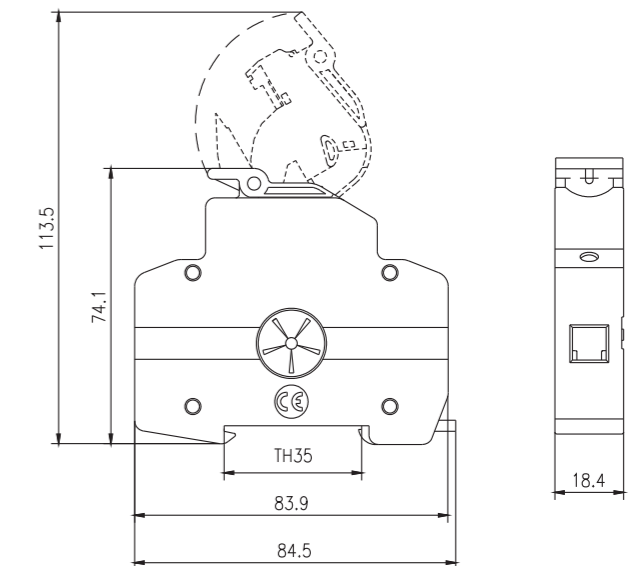


CFPV-32H 32A 1000V DC (10X38)

光伏熔断器  
Photovoltaic Fuse

- 额定电压/ Rated Voltage : 1000VDC
- 使用类别 /Class of Operation: gPV
- 标准/Standard: IEC 60269-6

尺寸/Dimensions-mm



技术参数 /Specifications

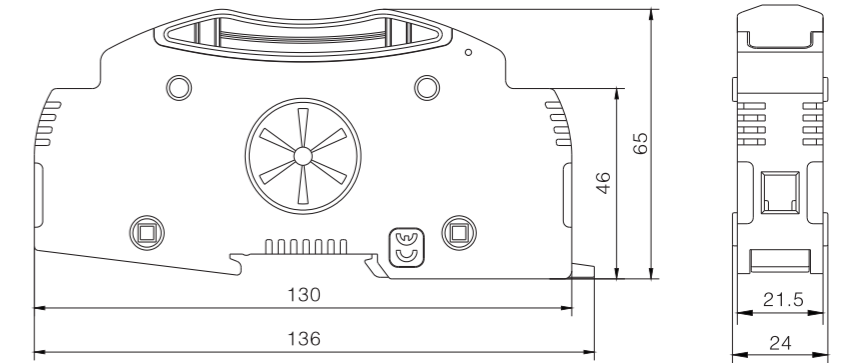
产品型号 Model	额定电流(A) Rated current	焦耳积分 I <sup>2</sup> T (A <sup>2</sup> S)	
		Pre-arcing	Total
CF-10PV/CFPV1038	1	0.15	0.4
CF-10PV/CFPV1038	2	1.2	3.3
CF-10PV/CFPV1038	3	3.9	11
CF-10PV/CFPV1038	4	10	27
CF-10PV/CFPV1038	5	18	48
CF-10PV/CFPV1038	6	31	89
CF-10PV/CFPV1038	8	3.1	31
CF-10PV/CFPV1038	10	7.2	68
CF-10PV/CFPV1038	12	16	136
CF-10PV/CFPV1038	15	24	215
CF-10PV/CFPV1038	16	28	255
CF-10PV/CFPV1038	20	38	392
CF-10PV/CFPV1038	25	71	508
CF-10PV/CFPV1038	30	102	821
CF-10PV/CFPV1038	32	176	976

CFPV-32L CFPV1085 2A-32A 1500V DC  
CFPV-63L CFPV1485 8A-50A 1500V DC

CFPV-63L 50A 1500V DC (10/14X85)

光伏熔断器  
Photovoltaic Fuse

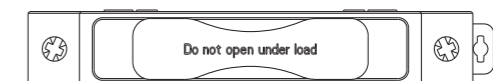
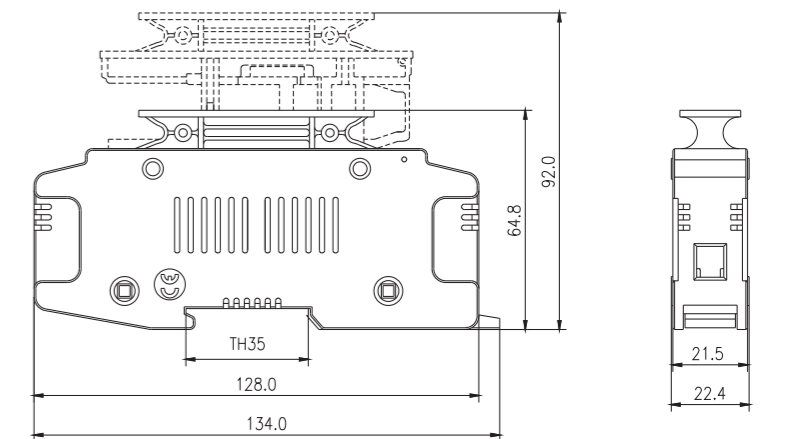
- ⊕ 额定电压/ Rated Voltage : 1500V DC
- ⊕ 使用类别 /Class of Operation: gPV
- ⊕ 标准/Standard: UL248-19 IEC 60269-6



CFPV-63T 50A 1500V DC (10/14X85)

光伏熔断器  
Photovoltaic Fuse

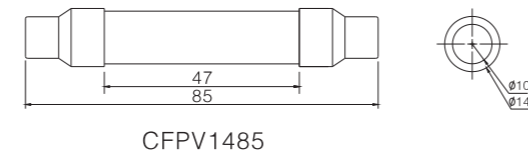
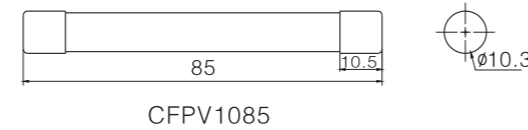
- ⊕ 额定电压/ Rated Voltage : 1500V DC
- ⊕ 使用类别 /Class of Operation: gPV
- ⊕ 标准/Standard: UL248-19 IEC 60269-6



光伏熔断器  
Photovoltaic Fuse

- ⊕ 尺码/Fuse Size: 10 X 85mm 14 X 85mm
- ⊕ 使用类别 /Class of Operation: gPV
- ⊕ 标准/Standard: IEC 60269-6 UL248-19
- ⊕ 分断能力/Breaking Capacity: 20kA
- ⊕ 时间常数/Time Constant: 1-3ms

尺寸/Dimensions-mm



技术参数 /Specifications

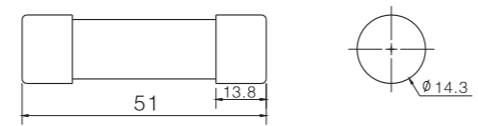
产品型号 Model	额定电流(A) Rated current	焦耳积分 I <sup>2</sup> T ( A <sup>2</sup> S )	
		Pre-arcng	Total
CFPV-32L/ CFPV1085	2	4	8
CFPV-32L/ CFPV1085	3	6	11
CFPV-32L/ CFPV1085	4	8	14
CFPV-32L/ CFPV1085	5	11	22
CFPV-32L/ CFPV1085	6	15	30
CFPV-32L/ CFPV1085	8	9	35
CFPV-32L/ CFPV1085	10	10	98
CFPV-32L/ CFPV1085	12	12	120
CFPV-32L/ CFPV1085	15	14	170
CFPV-32L/ CFPV1085	20	34	400
CFPV-32L/ CFPV1085	25	65	550
CFPV-32L/ CFPV1085	30	85	680
CFPV-32L/ CFPV1085	32	90	720
CFPV-63L/ CFPV1485	40	125	800
CFPV-63L/ CFPV1485	50	155	920

CFPV1451	15A-50A	1000V DC
CFPV1451	15A-32A	1500V DC
CFPV2258	30A-50A	1500V DC

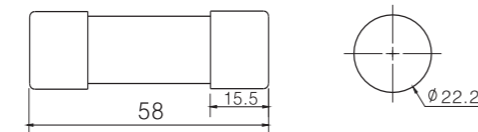
光伏熔断器  
Photovoltaic Fuse

- ⊗ 尺码/Fuse Size: 14 X 51mm 22 X 58mm
- ⊗ 使用类别 /Class of Operation: gPV
- ⊗ 标准/Standard: GB/T 13539.6 IEC 60269-6
- ⊗ 分断能力/Breaking Capacity: 20kA
- ⊗ 时间常数/Time Constant: 1-3ms

尺寸/Dimensions-mm



CFPV1451



CFPV2258

技术参数 /Specifications

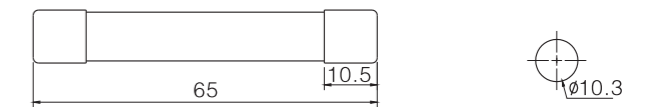
产品型号 Model	额定电流(A) Rated current	焦耳积分 I <sup>2</sup> T (A <sup>2</sup> S)	
		Pre-arcng	Total
CFPV1451	15	330	275
CFPV1451	20	220	578
CFPV1451	25	275	956
CFPV1451	30	380	1160
CFPV1451	32	405	1830
CFPV1451	40	600	2430
CFPV1451	50	850	3050
CFPV2258	40	750	3450
CFPV2258	50	1020	5050

CFPV1065	1A-25A	1500V DC
CFPV1065S	1A-25A	1500V DC

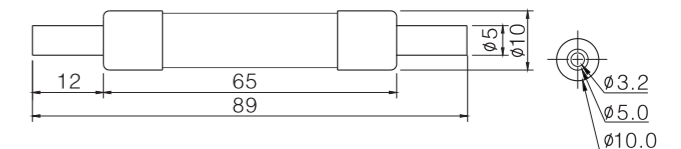
光伏熔断器  
Photovoltaic Fuse

- ⊗ 尺码/Fuse Size: 10 X 65mm;
- ⊗ 使用类别 /Class of Operation: gPV
- ⊗ 标准/Standard: GB/T 13539.6 IEC 60269-6
- ⊗ 分断能力/Breaking Capacity: 20kA
- ⊗ 时间常数/Time Constant: 1-3ms

尺寸/Dimensions-mm



CF-11PV



CF-11PVS



技术参数 /Specifications

产品型号 Model	额定电流(A) Rated current	焦耳积分 I <sup>2</sup> T (A <sup>2</sup> S)	
		Pre-arcng	Total
CFPV1065	1	0.15	0.4
CFPV1065	2	1.2	3.3
CFPV1065	3	3.9	11
CFPV1065	4	10	27
CFPV1065	5	18	48
CFPV1065	6	31	89
CFPV1065	8	3.1	31
CFPV1065	10	7.2	68
CFPV1065	12	16	136
CFPV1065	15	24	392
CFPV1065	20	38	215
CFPV1065	25	71	508

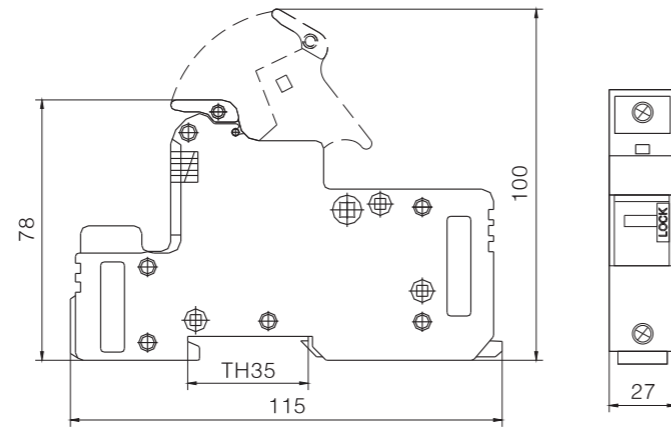
CFPV1451B 50A 1000V DC (14X51)  
CFPV2258B 50A 1500V DC (22X58)



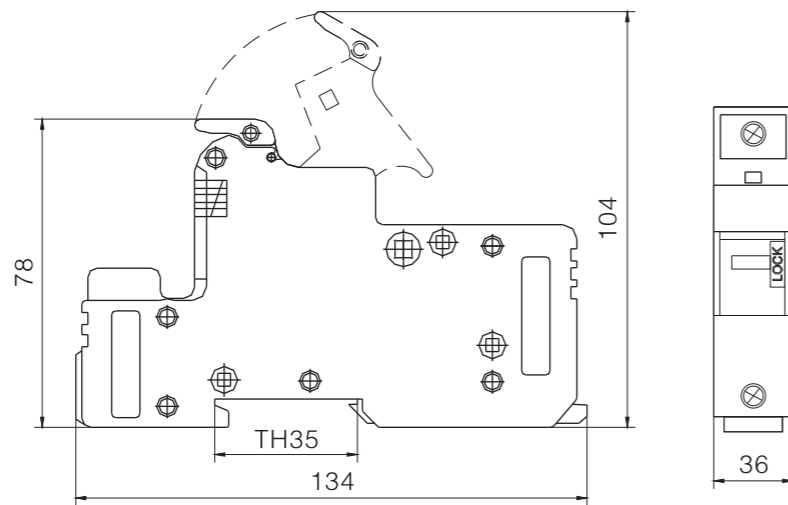
光伏熔断器  
Photovoltaic Fuse

- ⊕ 额定电压 / Rated Voltage : 1000V DC 1500V DC
- ⊕ 使用类别 / Class of Operation: gPV
- ⊕ 标准 / Standard: GB/T 13539.6 IEC 60269-6

尺寸 / Dimensions - mm

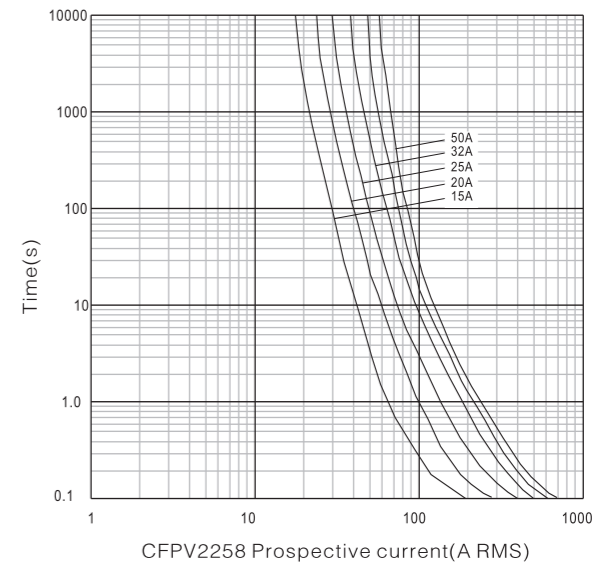
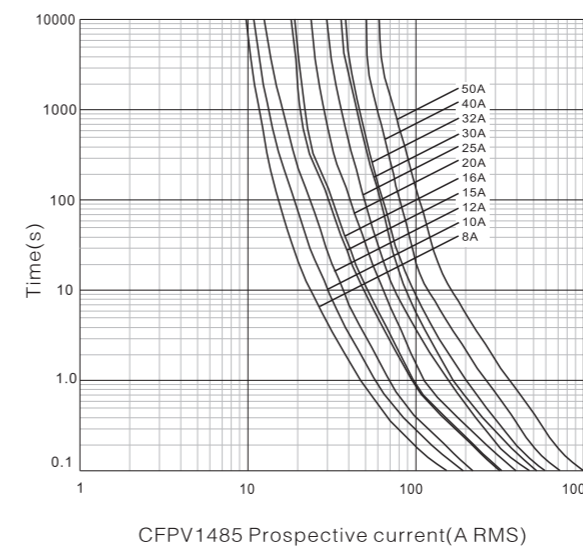
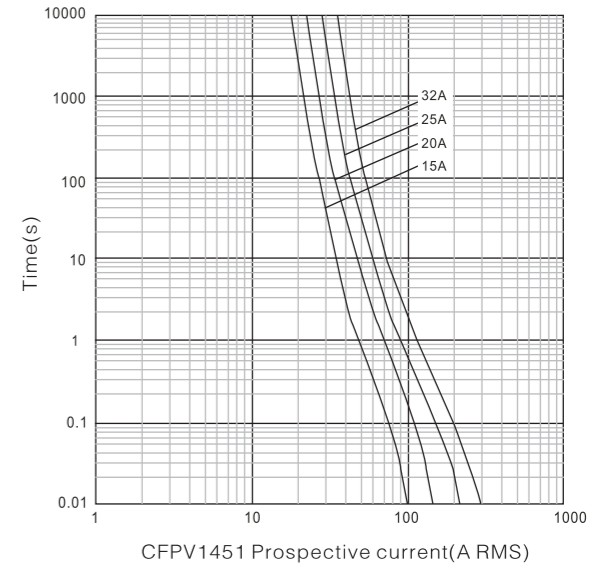
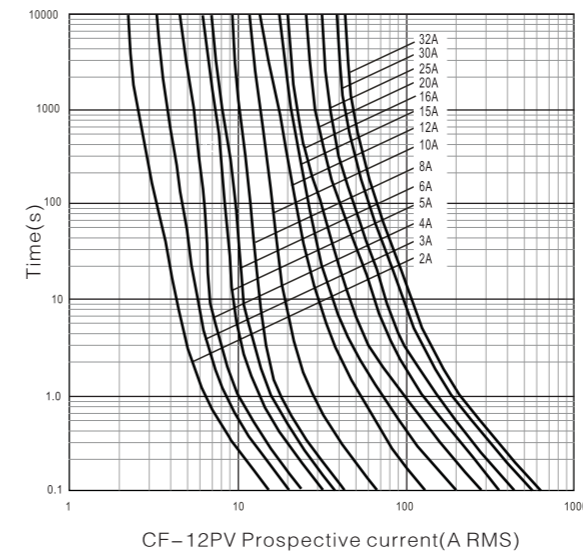
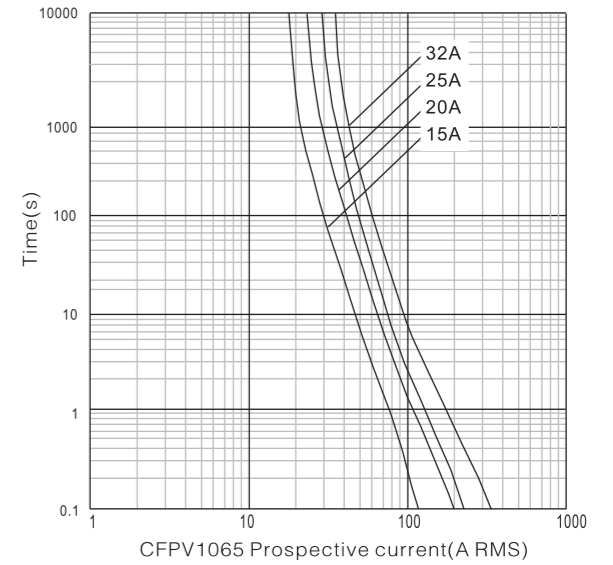
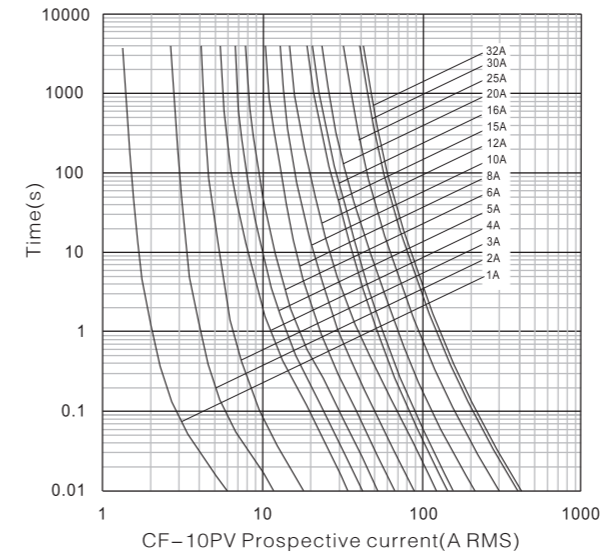


CFPV1451B



CFPV2258B

曲线图 / Time current Curve

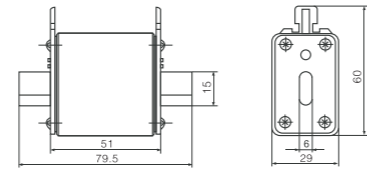


CFPV-H00 16-100A 1000V DC  
CFPV-H1 32-160A 1000V DC  
CFPV-H2 160-250A 1000V DC  
CFPV-H3 250-400A 1000V DC

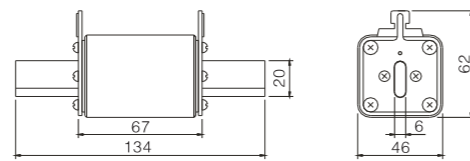
光伏熔断器  
Photovoltaic Fuse

- 使用类别 /Class of Operation: gPV
- 标准/Standard: GB/T 13539.6 IEC 60269-6
- 分断能力/Breaking Capacity: 50kA
- 时间常数/Time Constant: 1-3ms

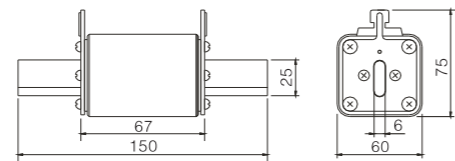
尺寸/Dimensions-mm



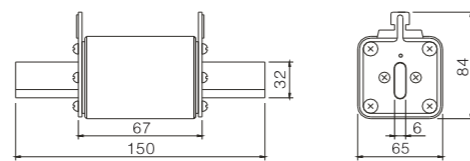
CFPV-H00



CFPV-H1



CFPV-H2



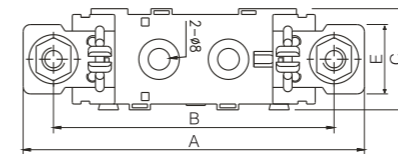
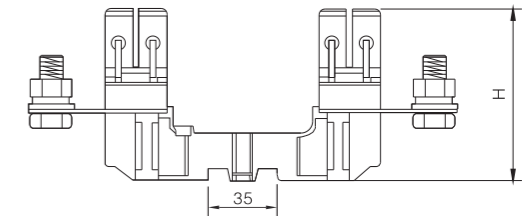
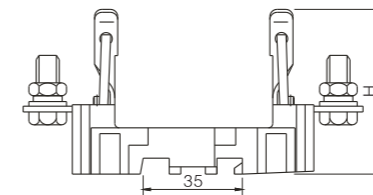
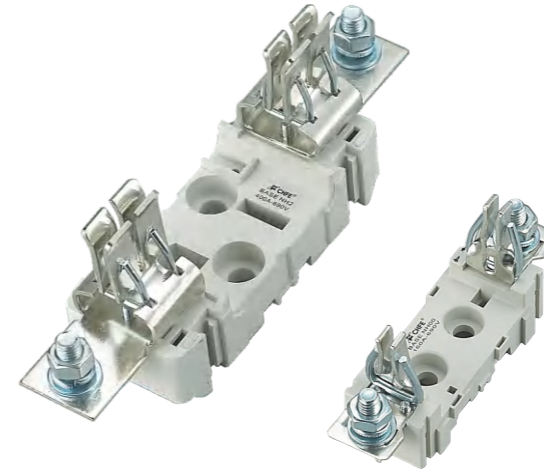
CFPV-H3

CFPV-H00B 1000V DC  
CFPV-H1B 1000V DC  
CFPV-H2B 1000V DC  
CFPV-H3B 1000V DC

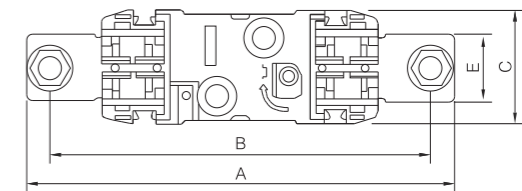
光伏熔断器  
Photovoltaic Fuse

- 额定电压/Rated Voltage: 1000V.dc;
- 使用类别 /Class of Operation: gPV
- 标准/Standard: GB/T 13539.6 IEC 60269-6

尺寸/Dimensions-mm



CFPV-H00B



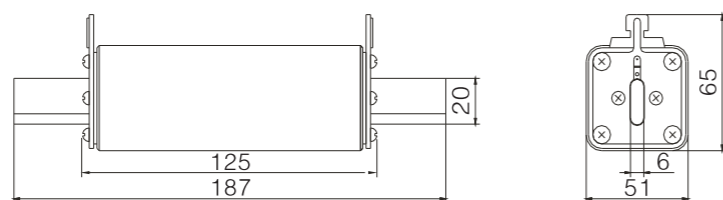
产品型号 Model	配套熔断体 Applicable fuse link	额定电压 Rated voltage (V)	额定电流 Rated current (A)	外形尺寸/尺码(mm) Overall dimension/size				
				A	B	C	E	H
CFPV-H00B	CFPV-H00 NH00	1000V dc	160	119	102	34	23	57
CFPV-H1B	CFPV-H1 NH1	1000V dc	250	208	176	58	32	82
CFPV-H2B	CFPV-H2 NH2	1000V dc	400	224	198	58	35	89
CFPV-H3B	CFPV-H3 NH3	1000V dc	630	239	207	58	40	106

CFPV-H1XL 35A-200A 1500V DC  
CFPV-H2XL 80A-400A 1500V DC  
CFPV-H3L 125A-500A 1500V DC

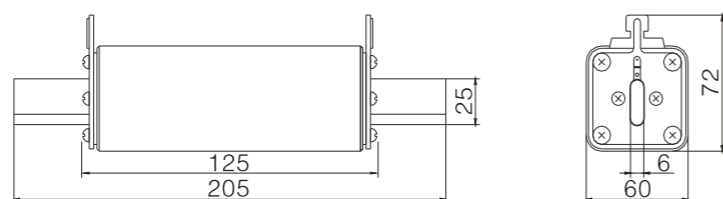
光伏熔断器  
Photovoltaic Fuse

- 使用类别 /Class of Operation: gPV
- 标准/Standard: GB/T 13539.6 IEC 60269-6
- 分断能力/Breaking Capacity: 30kA
- 时间常数/Time Constant: 1-3ms

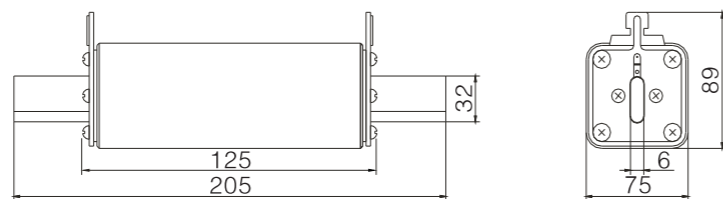
尺寸/Dimensions-mm



CFPV-H1XL



CFPV-H2XL



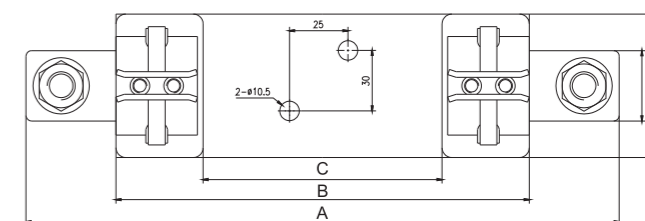
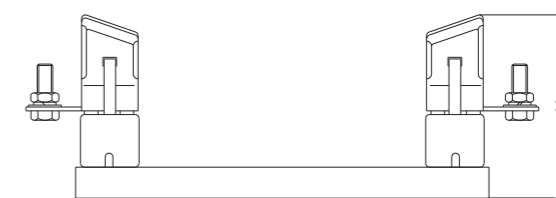
CFPV-H3L

CFPV-H1XLB 1500V DC  
CFPV-H2XLB 1500V DC  
CFPV-H3LB 1500V DC

光伏熔断器  
Photovoltaic Fuse

- 额定电压/Rated Voltage: 1500V.dc;
- 使用类别 /Class of Operation: gPV
- 标准/Standard: GB/T 13539.6 IEC 60269-6

尺寸/Dimensions-mm



产品型号 Model	配套熔断体 Applicable fuse link	额定电压 Rated voltage (V)	额定电流 Rated current (A)	外形尺寸/尺码(mm) Overall dimension/size				
				A	B	C	E	H
CFPV-H1XLB	CFPV-H1XL	1500V dc	250	247	190	129	52	91
CFPV-H2XLB	CFPV-H2XL	1500V dc	400	278	210	135	63	104
CFPV-H3LB	CFPV-H3L	1500V dc	630	300	210	135	63	108



光伏4.0保险丝连接器  
PV 4.0 Fuse Connector

产品规格/Product Specifications

绝缘材料/Insulation material	PPE
额定电流范围/Rated current Range(Without fuse)	1-30A
额定电压/Rated voltage	1000/1500V (IEC)/600V (UL)
测试电压/Test voltage	6kV(50Hz,Imin)
接触阻抗/Typical contact resistance	< 0.5 mΩ
接触材料/Contact material	铜,镀锡/Copper,Tin plated
防水等级/Degree of protection	IP67
保险丝额定电流/Fuse Rated Current	1A~6A,8A~15A,20A~30A
防护等级/Safety degree	II
防火等级/Flame class	UL94-V0
插入力/拔出力/Insertion force/Withdrawal force	≤50N / ≥50N
环境温度范围/Ambient temperature range	-40°C...+85°C(IEC)
适用温度/temperature limits	110°C(IEC)
适配电线规格/Suitable cable cross sections	2.5~10mm <sup>2</sup> /14~8AWG



光伏4.0二级体连接器  
PV 4.0 Diode Connector

产品规格/Product Specifications

绝缘材料/Insulation material	PPE
额定电流(不含二极管) /Rated current (Without Diode)	30A
额定电压(含二极管) /Rated current (With Diode)	10A
额定电压/Rated voltage	1000/1500V (IEC)/600V (UL)
测试电压/Test voltage	6kV(50Hz,Imin)
接触阻抗/Typical contact resistance	< 0.5 mΩ
导体材料/Contact material	铜,镀锡/Copper,Tin plated
防水等级/Degree of protection	IP67
过压等级/Overvoltage category/Pollution degree	CATIII/2
安全等级/Safety degree	II
阻燃等级/Flame class	UL94-V0
插入力/拔出力/Insertion force/Withdrawal force	≤50N / ≥50N
使用环境温度/Ambient temperature range	-40°C...+90°C(IEC)
温度上限/temperature limits	110°C(IEC)
连接方式/Connecting type	压接/Crimp connection
螺帽锁紧力/Nut cap locking force	2.0~2.5Nm



1500VDC 光伏4.0保险丝连接器  
1500VDC PV 4.0 Fuse Connector

产品规格

Product Specifications

绝缘材料 Insulation material	PPE	保险丝规格 Fuse Specification	1A,2A,3A,3.5A,4A,5A,6A,8A, 10A,12A,15A,20A
额定电流 (不含保险丝) Rated current ( Without fuse )	30A	安全等级 Safety degree	II
额定电压 Rated voltage	1500VDC	阻燃等级 Flame class	UL94-V0
测试电压 Test voltage	8kV(50Hz,Imin)	插入力/拔出力 Insertion force/Withdrawal force	≤50N / ≥50N
连接器接触电阻 contact resistance	< 5 mΩ	环境温度范围 Ambient temperature range	-40°C...+85°C(IEC )
金属导体材料 Contact material	铜,镀锡 Copper,Tin plated	温度上限 Upper limiting temperature	110°C(IEC)
保护等级 Degree of protection	IP68	适配电线规格 Suitable cable cross sections	2.5~10mm <sup>2</sup> /14~8AWG
额定脉冲电压 Rated Impulse voltage	12KV	适配保险丝尺寸 ( mm) Suitable for fuse size(mm)	10*85 / 14*65 / 14*85

图示:

Drawing:

选择型号:

Choice Number

- 4F0
- 4F1
- 4F2
- 4F3

电线规格

Cable Size:

- 2.5mm<sup>2</sup>
- 4.0mm<sup>2</sup>
- 6.0mm<sup>2</sup>
- 10.0mm<sup>2</sup>
- 8AWG
- 10AWG
- 12AWG
- 14AWG
- 12AWG
- 14AWG

电线长度:

Cable Length:

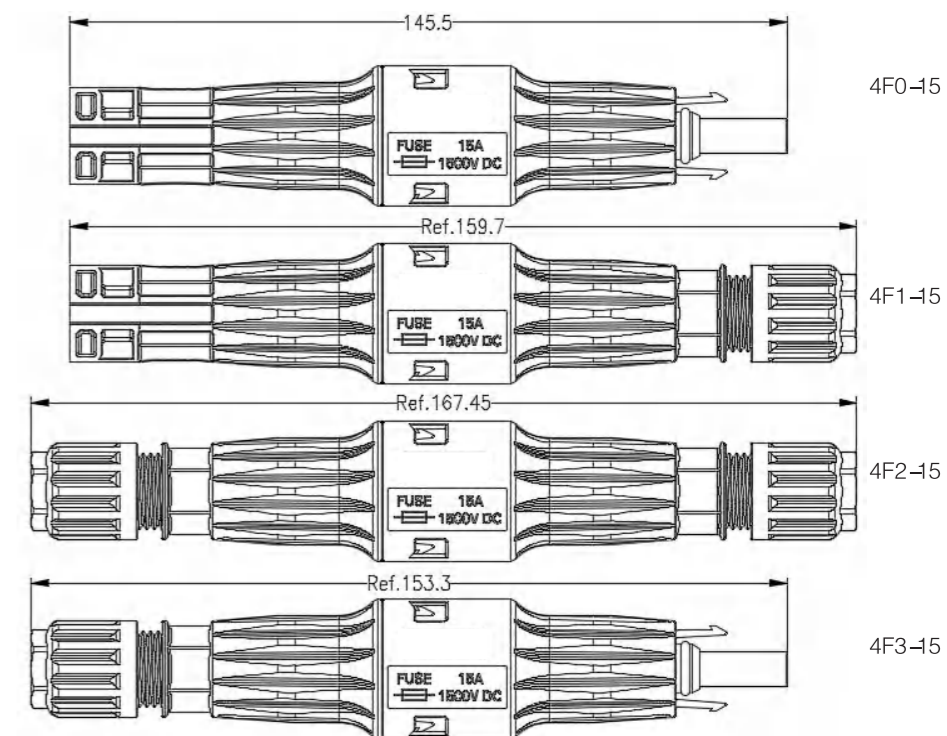
mm

光伏连接器类型:

PV Connector Type:

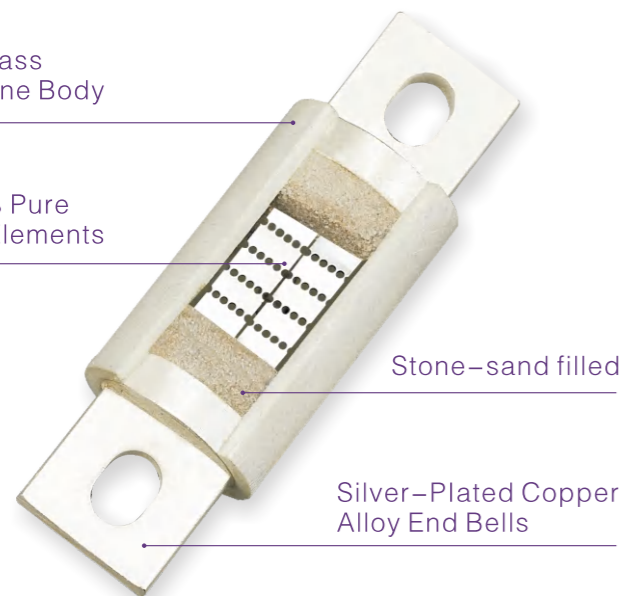
\*保险丝可更换

Replaceable Fuse



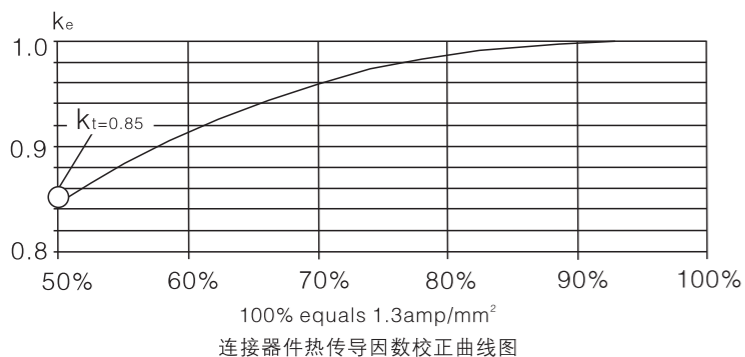
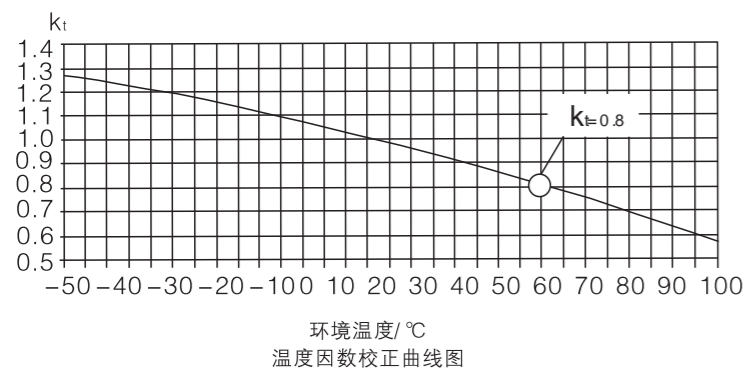
Fiberglass  
Melamine Body

99.99% Pure  
Silver Elements



Stone-sand filled

Silver-Plated Copper  
Alloy End Bells



产品概述 product overview

EV熔断器是专门针对车用系统保护用熔断器，EV熔断器是兼具过载和短路保护要求的全范围；

EV熔断器的特点：熔断器，但其熔断特性又不同于传统的g类熔断器。旨在保护敏感的电动和混合动力汽车设备，包括高压大容量电池、电力设备、接触器、电缆以及其他辅助电路，从而增强电气系统安全性。EV熔断器能够为低至1.6In的额定电流提供保护，适用于各种过流保护情况，可以避免由循环疲劳造成的滋扰运行，能够为故障电流较大、容量较大、更加高效的车辆电池提供保护，可以满足车用抗振、抗冲击、安装、耐高温、耐湿热等特殊需求。

本系列熔断体适用于电动汽车中作为车载蓄电池、车载线路系统中以及逆变器的综合保护，额定分断能力至50KA。系列产品符合JASO D622和ISO 8820、以及GB31465的规定。在满足上述要求的同时还应对熔断器电流值进行一定的修正，其可允许的最大连续负载电流可以采用以下公式计算：

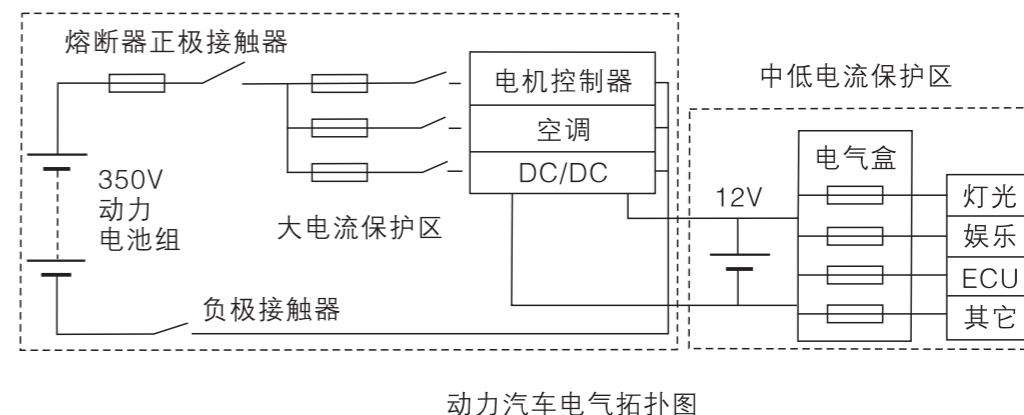
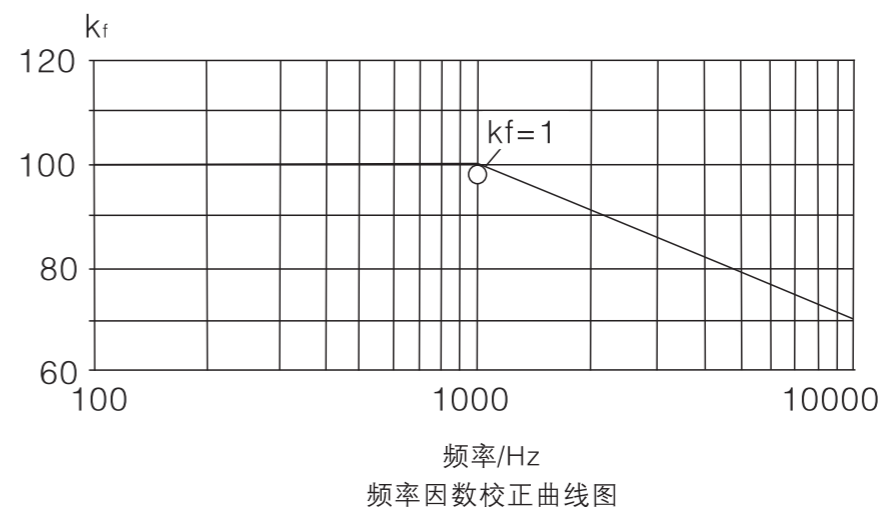
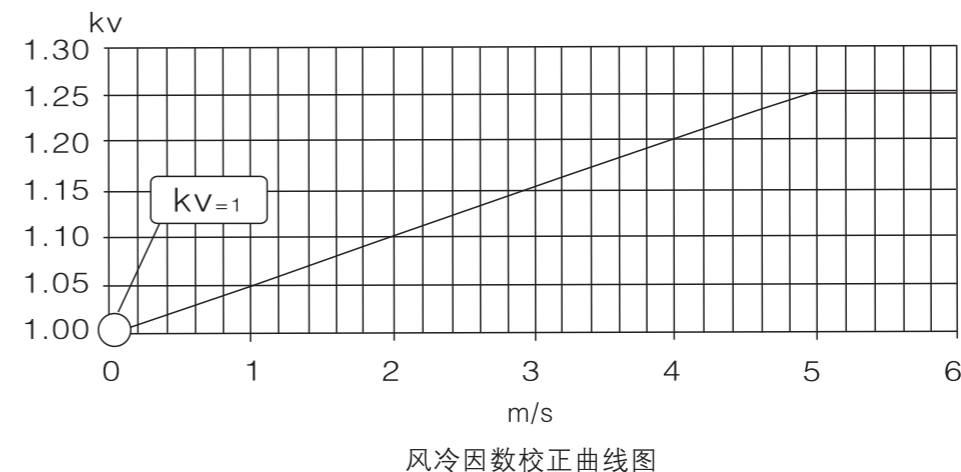
$$I_b = I_n \cdot k_t \cdot k_e \cdot k_v \cdot k_f \cdot k_b$$

$I_b$ : 允许的最大连续负载电流  
 $I_n$ : 熔断器的额定电流

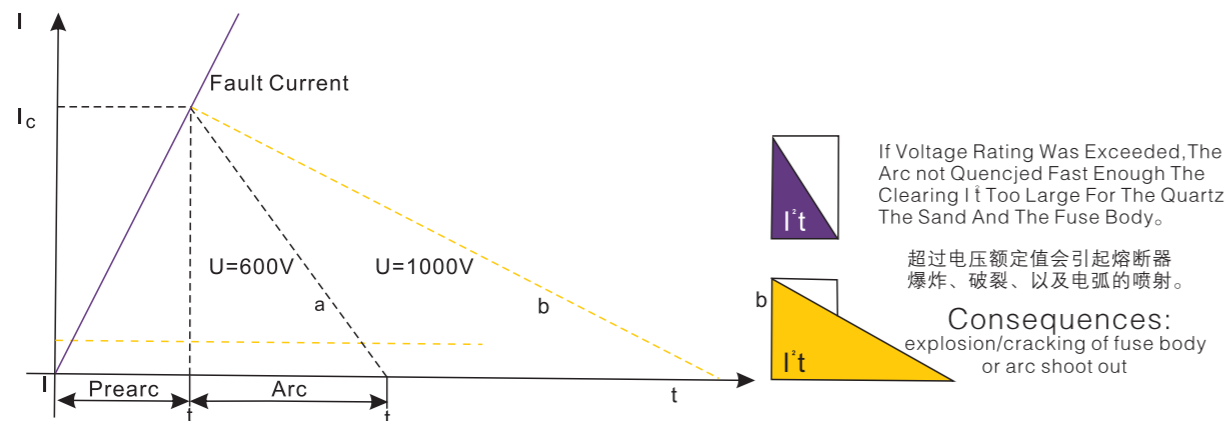
EV Fuse is specially designed for the protection of vehicle system, EV fuse is a full range over both overload and short circuit protection requirements. EV fuse features: it is fuse, but is different from the traditional type fuse, designed to protect sensitive electric and hybrid vehicle equipment, including high-voltage high-capacity batteries, power equipment, contactors, cables, and other ancillary circuits, thus to enhance the safety of electrical systems. EV fuse is able to provide as low as 1.6 In rated current of the protection, suitable for all kinds of over-current protection, and avoid the nuisance caused by cycle fatigue run. it is able to protect large fault current, large capacity, efficient vehicles battery. it can meet the vehicle seismic, impact resistant, installation, special requirements, such as resistance to high temperature, damp and hot. This series of fuses is suitable of the comprehensive protection for battery, circuit system and inverter in electric vehicles. The rated breaking capacity can be 50KA. This series of products meet the requirements of JASO D622 and ISO 8820, and GB31465 while meeting the above requirements, the current value of the fuse should be modified to some extent. The maximum continuous load current allowed by the fuse can be calculated by the following formula:

$$I_b = I_n \cdot k_t \cdot k_e \cdot k_v \cdot k_f \cdot k_b$$

$I_b$  Maximum allowable continuous load current  
 $I_n$  Rated current of fuse



电压因素 Voltage Factor  
Voltage Rating ≥ Maximum Continuous System Voltage  
额定电压 ≥ 系统最大的可持续电压

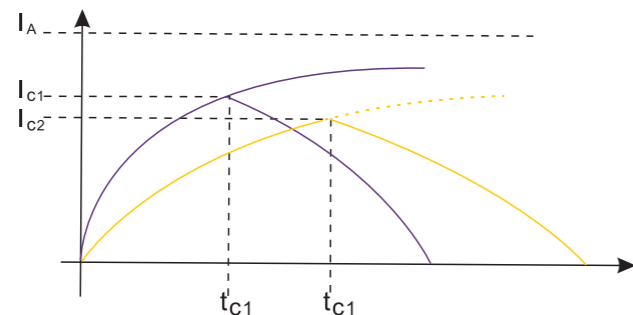


- CFB1 70A-600A 150V DC
- CFB2 35A-800A 500V DC
- CFB3 35A-600A 700V DC

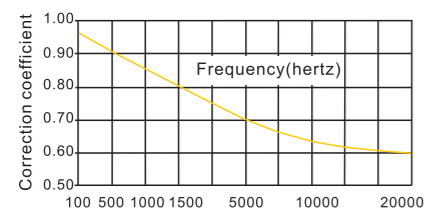
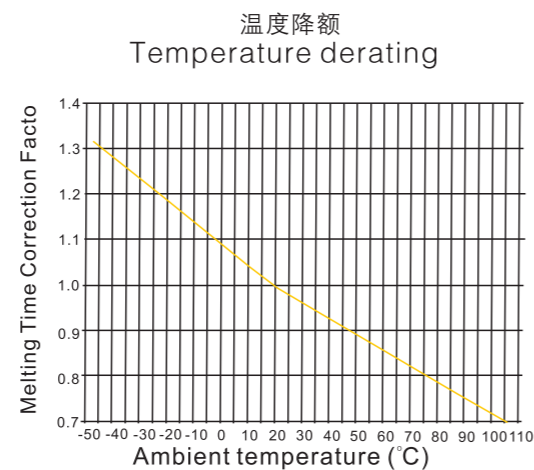
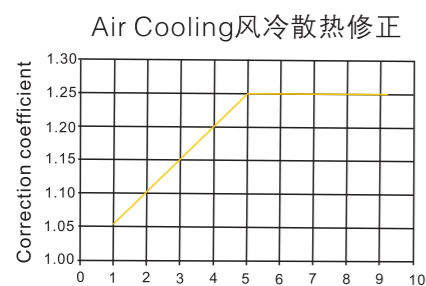
- 使用类别 /Class of Operation: aR
- 标准/Standard: ISO8820-1 ISO8820-8 GB/T31465.1
- 分断能力/Breaking Capacity: 50kA
- 时间常数/Time Constant: 1-3ms

时间常数对分断性能的影响  
Influence of Time Constant on Fuse operation

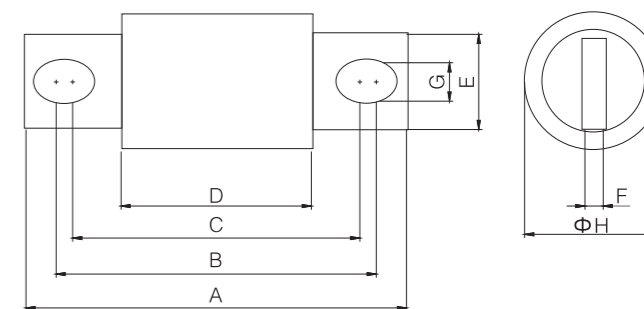
$A = A_L + A_S + A_R$   
 电弧能量  
 A: Arc energy  
 电感中能源存储  
 A<sub>L</sub>: Energy stored in the inductance  
 电力来源  
 A<sub>S</sub>: Energy from power source  
 消耗电路电阻的能量  
 A<sub>R</sub>: Energy dissipated in circuit resistance



影响选择的因素  
Influence the selection factor



尺寸/Dimensions-mm



技术参数 /Specifications

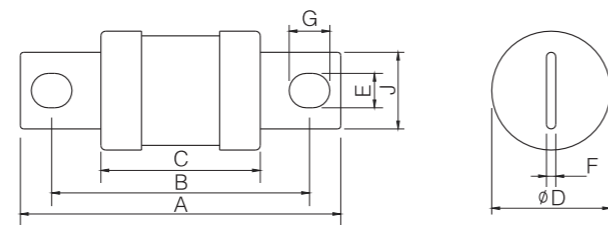
产品型号 Model	额定电流(A) Rated current	外形尺寸/尺码(mm) Overall dimension/size							
		A	B	C	D	E	F	G	ΦH
CFB1-01	70A-350A	70	57.5	45	30	19	4	8.5	25
CFB1-02	400A-600A	88	69.5	50	31	25	6	10.5	38
CFB2-01	35A-100A	92	77	66	52	19	4	8.5	27
CFB2-02	125A-200A	96	81	68	54	24	5	8.5	31
CFB2-03	225A-400A	111	90	74.5	54	25.5	6	10.5	38
CFB2-04	450A-600A	110	90	74.5	54	38	6.4	10.5	51
CFB2-05	700A-800A	161	126	88	54	50	9.6	13.5	64
CFB3-01	35A-60A	109	95	83	71	19	4	8.5	25
CFB3-02	70A-100A	111	95	83	71	24	5	8.5	31
CFB3-03	125A-250A	128	108	89	71	26	6.4	10.5	38
CFB3-04	300A-400A	127	107	91.5	71	38	6.4	10.5	51
CFB3-05	450A-600A	178	143	105	71	50	10	13.5	64

CFG1 35A-800A 500V DC  
CFG2 35A-600A 800V DC  
CFG3 35A-600A 1000V DC

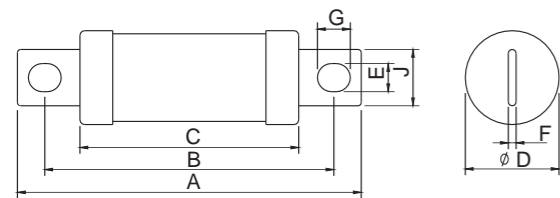


- 使用类别 /Class of Operation: aR
- 标准/Standard: ISO8820-1 ISO8820-8 GB/T31465.1
- 分断能力/Breaking Capacity: 50kA
- 时间常数/Time Constant: 1-3ms

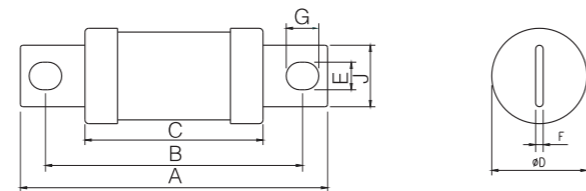
尺寸/Dimensions-mm



CFG1 500V DC 35A-800A



CFG2 800V DC 35A-600A



CFG3 1000V DC 35A-600A

技术参数 /Specifications

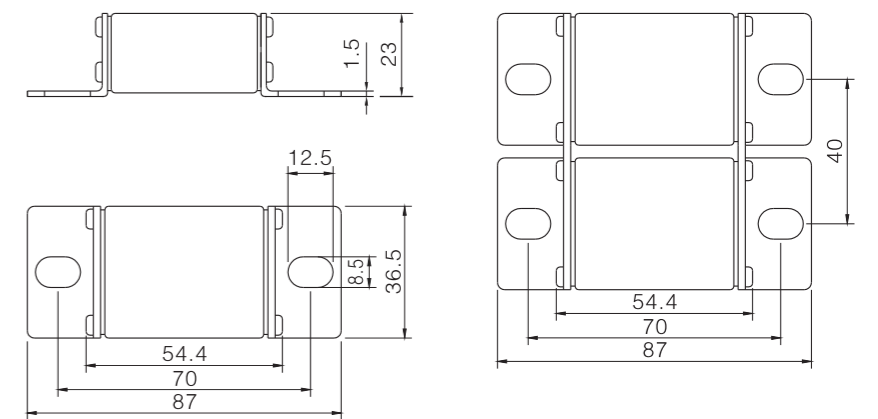
产品型号 Model	额定电流(A) Rated current	外形尺寸/尺码(mm) Overall dimension/size							
		A	B	C	D	E	F	G	J
CFG1-11	35A-200A	92	72	51	26	8	3	13	19
CFG1-12	225A-400A	97	75	51	31	8	4	13	24
CFG1-13	450A-600A	110	81	51	38	10	6	17	27
CFG1-14	650A-800A	110	81	51	51	10	6	17	40
CFG2-21	35A-90A	110	91	70	26	8	3	13	19
CFG2-22	100A-400A	115	95	70	31	8	4	13	24
CFG2-23	450A-600A	129	99	70	51	10	6	17	40
CFG3-31	35A-100A	110	91	72	26	8	3	13	19
CFG3-32	125A-200A	115	95	72	31	8	4	13	24
CFG3-33	225A-400A	129	99	72	38	10	6	17	27
CFG3-34	450A-600A	129	99	72	51	10	6	17	40

CFL00 35A-600A 800V DC



- 使用类别 /Class of Operation: aR
- 标准/Standard: ISO8820-1 ISO8820-8 GB/T31465.1
- 分断能力/Breaking Capacity: 50kA
- 时间常数/Time Constant: 1-3ms

尺寸/Dimensions-mm



技术参数 /Specifications

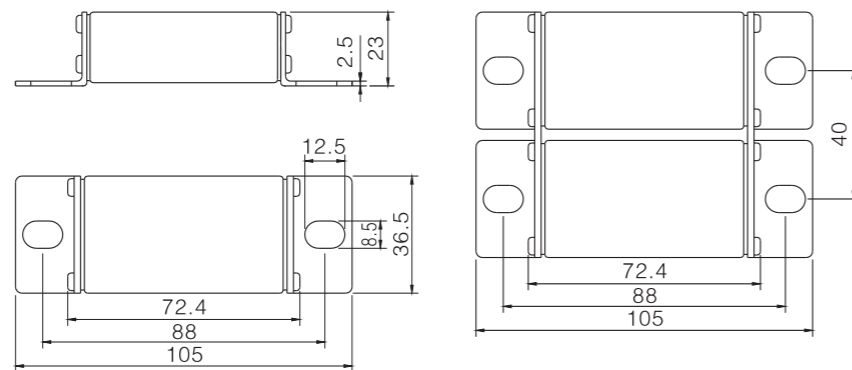
产品型号 Model	额定电流(A) Rated current	焦耳积分 I <sup>2</sup> T (A <sup>2</sup> S)	
		Pre-arcing	Total
CFL-00	100	1250	3950
CFL-00	125	2300	6770
CFL-00	150	3300	9620
CFL-00	175	4320	13940
CFL-00	200	5500	16950
CFL-00	225	7200	21640
CFL-00	250	9250	26990
CFL-00	300	12800	38250
CFL-00	350	18100	52730
CFL-00	400	22750	68640
CFL-00x2	350	18150	52730
CFL-00x2	400	22730	68640
CFL-00x2	450	32170	109250
CFL-00x2	500	45310	188000
CFL-00x2	600	49220	215110

CFL-00 35A-400A 1000V DC

快速熔断器  
Fast Fuse

- 使用类别 /Class of Operation: aR
- 标准/Standard: ISO8820-1 ISO8820-8 GB/T31465.1
- 分断能力/Breaking Capacity: 30kA
- 时间常数/Time Constant: 1-3ms

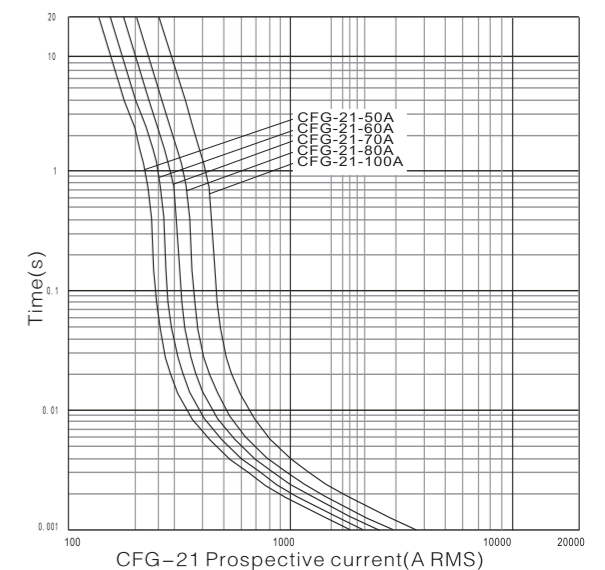
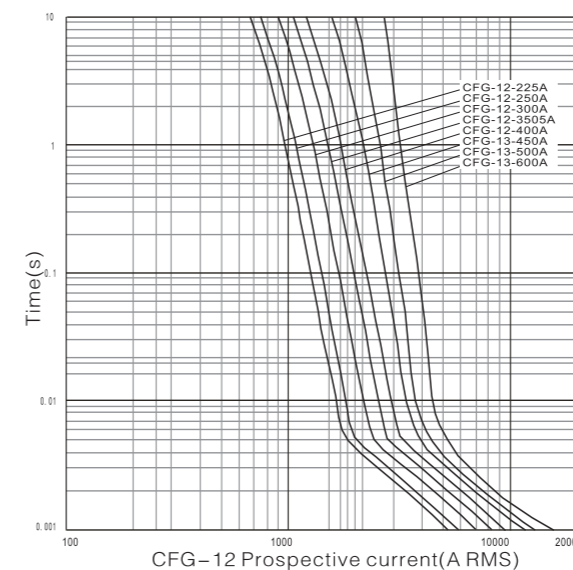
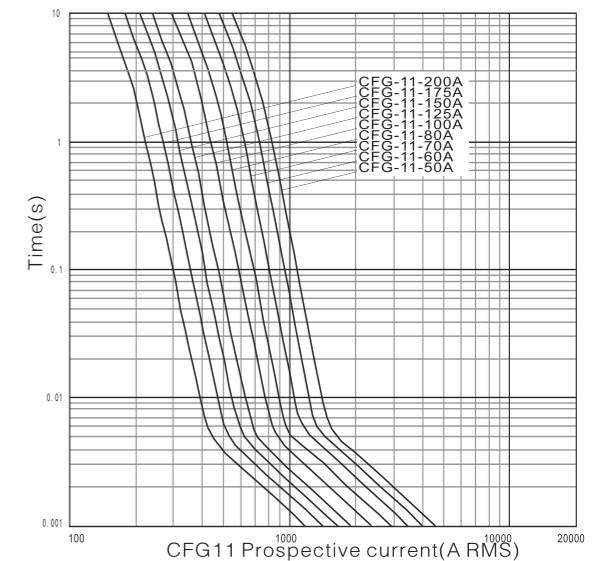
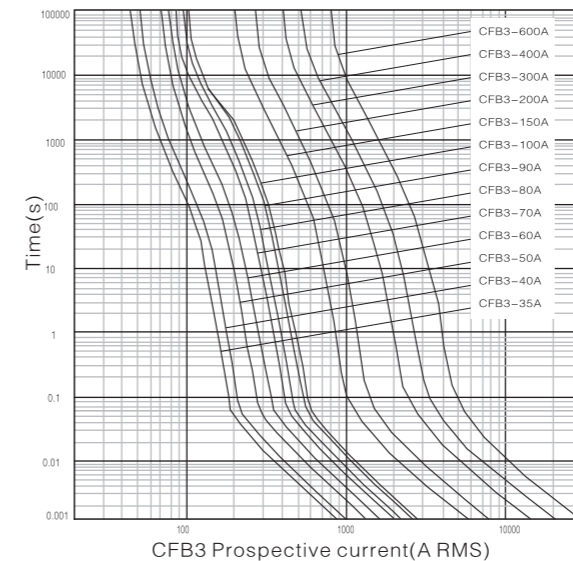
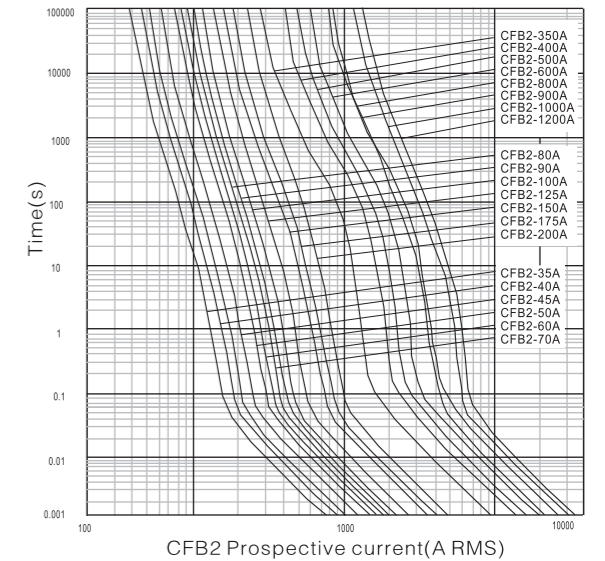
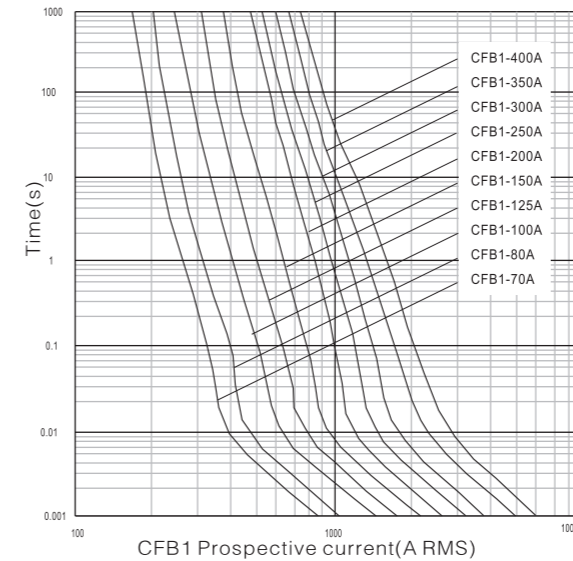
尺寸/Dimensions-mm



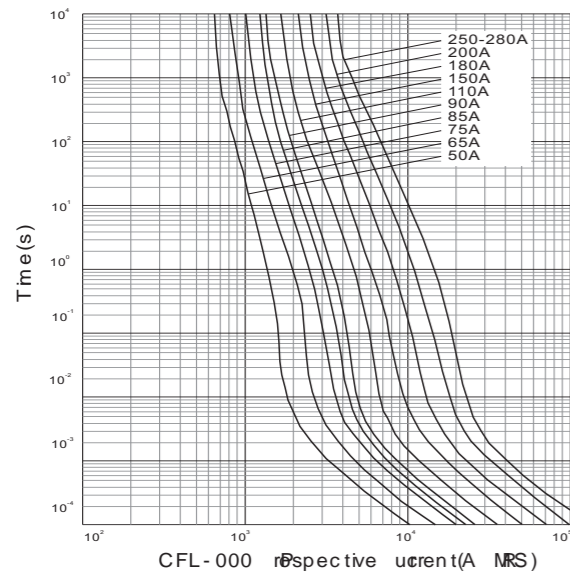
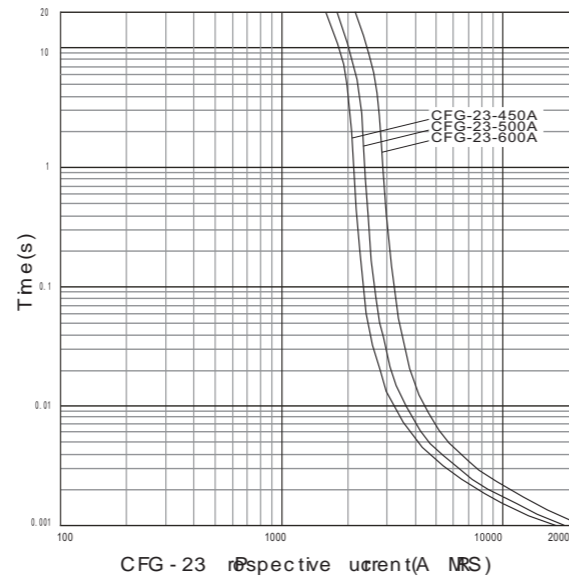
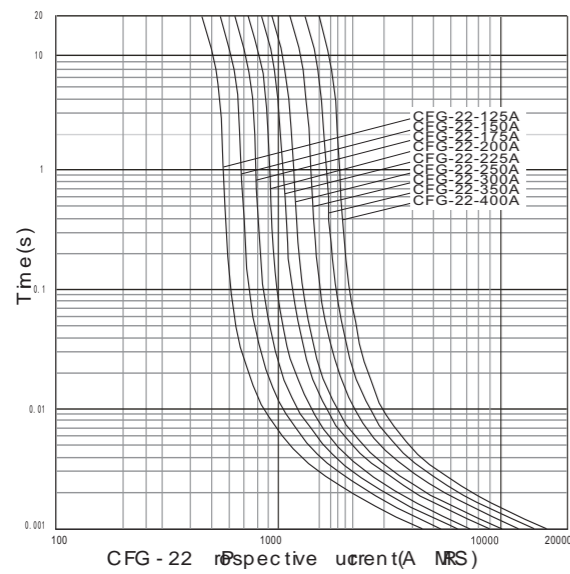
技术参数 /Specifications

产品型号 Model	额定电流(A) Rated current	焦耳积分 I <sup>2</sup> T (A <sup>2</sup> S)	
		Pre-arcing	Total
CFL-00	35	131	385
CFL-00	50	318	931
CFL-00	60	469	1331
CFL-00	70	612	1837
CFL-00	80	791	2429
CFL-00	100	1236	3786
CFL-00	125	2081	6496
CFL-00	150	3026	9332
CFL-00	175	4032	13774
CFL-00	200	5300	16745
CFL-00x2	225	6913	21454
CFL-00x2	250	8941	26889
CFL-00x2	300	12613	38065
CFL-00x2	350	17894	52531
CFL-00x2	400	22546	68454

Time current Curve/曲线图



Time current Curve/曲线图



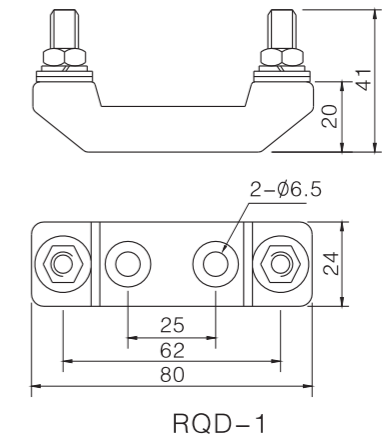
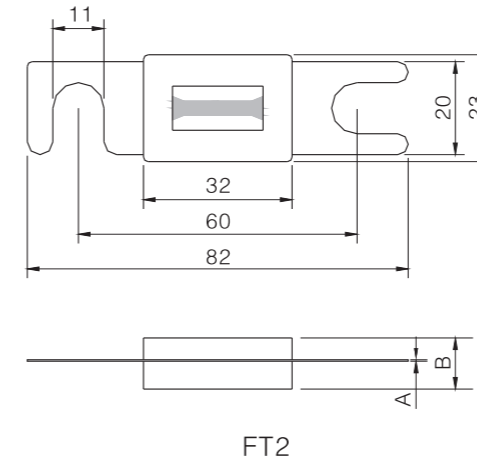
RQ1 60A-800A 48V dc/ 125V ac  
FT2 35A-750A 48V dc/ 125V ac

汽车熔断器  
Automobile Fuse

- 使用类别 /Class of Operation: gG aR
- 标准/Standard: GB/T31465 ISO8820

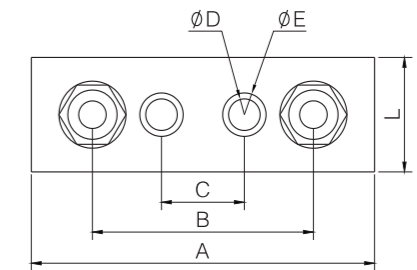
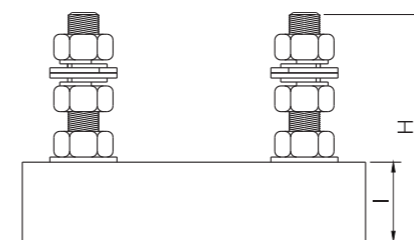
型号	电流	A	B
FT2	35A-250A	0.3~1.1	10.2
FT2	275A-500A	0.5~1.0	10.2
FT2	600A-750A	0.65~0.9	12
RQ1	60A-800A	0.6~1.8	9

尺寸/Dimensions-mm



技术参数 /Specifications

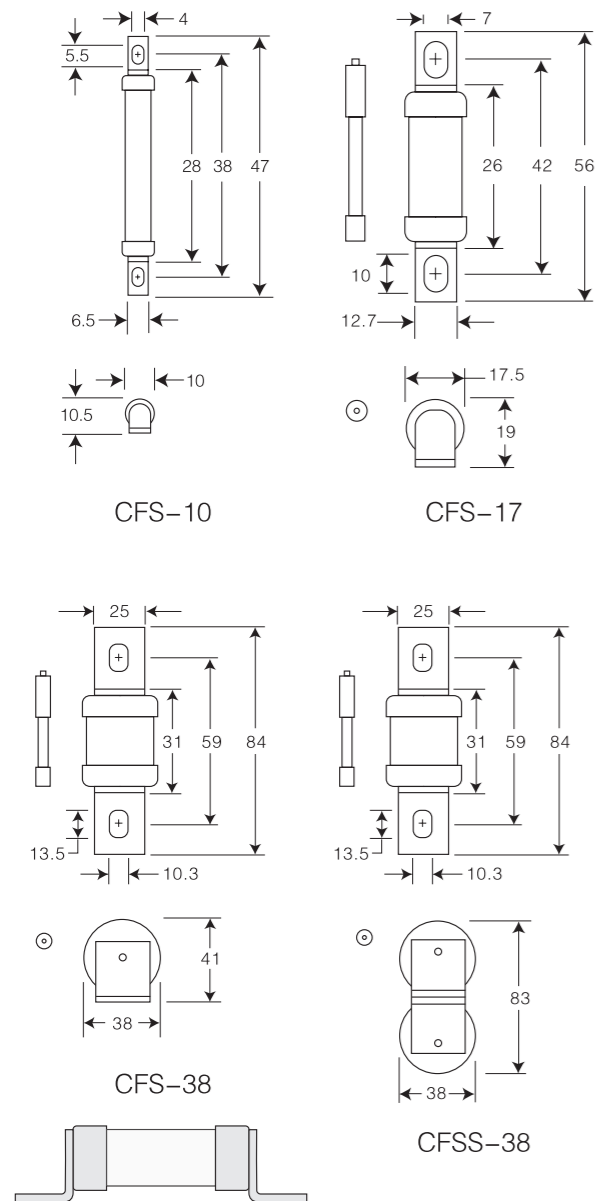
产品型号 Model	额定电压 Rated Voltage(V)	额定电流(A) Rated current	外形尺寸/尺码(mm) Overall dimension/size							
			A	B	C	ΦD	ΦE	L	H	I
EVB-1	150V DC	70A-350A	82	51	20	5.5	9	25	57	15
EVB-2	700V DC	35A-100A	115	92	20	5.5	9	25	57	15
EVB-3	700V DC	125A-200A	130	99	25	5.5	12.5	38	77	20
EVB-4	700V DC	225A-400A	130	100	30	10.5	20	51	77	20
EVB-5	700V DC	450A-600A	180	126	30	10.5	20	63	92	20



BS88 5-900A AC240V / DC150V

- 分断能力/Interrupting rating: 100 kA
- 额定电压/Rated Voltage 240V AC/150V DC
- 执行标准Standard IEC 60269-4 BS88-4
- 类别及电流范围/Class: aR、5A-900A

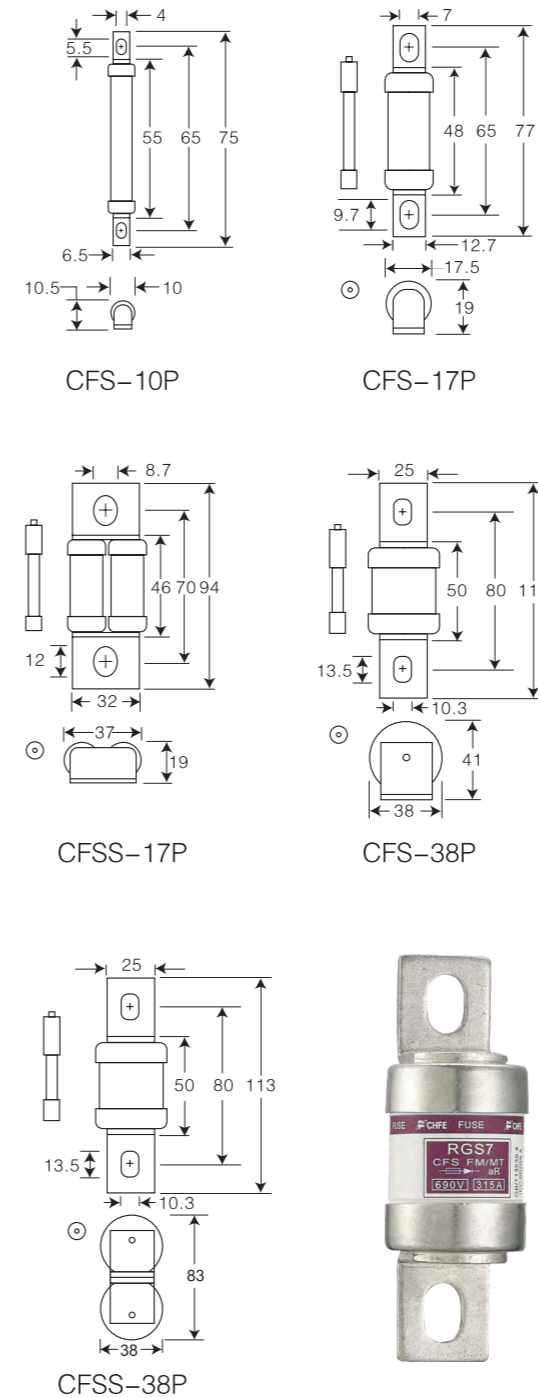
尺寸/Dimensions-mm



产品型号 Model	额定电流(A) Rated current	弧前I <sup>2</sup> t Pre-arc	熔断I <sup>2</sup> t Total	国内外同类产品 Domestic and overseas similar products
CFS-10	5	1.3	11	
CFS-10	6	1.8	15	
CFS-10	10	2.4	20	
CFS-10	12	4.3	33	
CFS-10	16	6.7	48	
CFS-10	20	15	100	
CFS-10	25	27	160	
CFS-10	32	53	280	
CFS-17	7	1.3	9.8	
CFS-17	10	4.5	23.6	
CFS-17	12	5.9	31	
CFS-17	16	11.2	59	
CFS-17	20	15.6	100	
CFS-17	25	30	160	
CFS-17	30	45	235	
CFS-17	35	63	330	
CFS-17	50	160	940	LET 50 053
CFS-17	60	250	1310	06...
CFS-17	75	380	1990	RGS11
CFS-17	80	480	2530	
CFS-17	100	730	4060	
CFS-17	125	850	6920	
CFS-17	150	1250	9590	
CFS-17	160	1730	11700	
CFS-17	180	2090	17500	
CFS-38	50	120	500	
CFS-38	75	330	1380	
CFS-38	100	745	3060	
CFS-38	125	1340	5500	
CFS-38	150	1930	7950	
CFS-38	200	4020	16400	
CFS-38	250	5350	30000	
CFS-38	300	7290	49600	
CFS-38	350	18000	74000	
CFS-38	400	25100	128000	
CFS-38	450	33500	170000	
CFS-38	500	43000	219000	
CFS-38	525	48200	245000	
CFSS-38	300	7700	31800	
CFSS-38	350	11500	48700	
CFSS-38	400	16000	65600	
CFSS-38	450	21000	87000	
CFSS-38	500	29100	120000	
CFSS-38	630	48200	198500	
CFSS-38	710	72000	276000	
CFSS-38	800	10000	512000	
CFSS-38	900	134000	680000	
CFSS-38	1000	172000	876000	
CFSS-38	1050	193000	980000	

BS88 5-800A 690V AC / 500V DC

- 分断能力/Interrupting rating: 100 kA
- 额定电压/Rated Voltage 690V AC/500V DC
- 执行标准Standard IEC 60269-4 BS88-4
- 类别及电流范围/Class: aR、5A-800A



产品型号 Model	额定电流(A) Rated current	弧前I <sup>2</sup> t Pre-arc	熔断I <sup>2</sup> t Total	国内外同类产品 Domestic and overseas similar products
CFS-10P	5	1.3	15	
CFS-10P	6	1.3	21	
CFS-10P	10	3.3	35	
CFS-10P	12	3.5	58	
CFS-10P	16	9.7	100	
CFS-10P	20	19.4	200	
CFS-17P	16	9.7	107	
CFS-17P	20	17.3	185	
CFS-17P	25	27	285	
CFS-17P	32	53	570	
CFS-17P	35	70	725	
CFS-17P	40	98	1080	
CFS-17P	45	130	1280	
CFS-17P	50	156	1420	
CFS-17P	55	210	1970	
CFS-17P	63	315	2850	
CFS-17P	75	525	4630	
CFS-17P	80	625	5700	
CFSS-17P	65	210	2270	
CFSS-17P	75	310	3280	
CFSS-17P	85	430	4350	
CFSS-17P	90	525	5130	
CFSS-17P	110	850	7840	
CFSS-17P	140	1730	15700	
CFSS-17P	150	2090	18500	
CFSS-17P	160	2500	22800	
CFS-38P	50	180	990	
CFS-38P	65	335	1840	
CFS-38P	75	350	2000	
CFS-38P	85	480	4000	
CFS-38P	90	720	4700	
CFS-38P	110	1180	6900	
CFS-38P	150	2880	14500	
CFS-38P	180	5350	25500	
CFS-38P	200	9510	46000	
CFS-38P	250	21400	110000	
CFS-38P	280	29100	145000	
CFS-38P	315	36100	180000	
CFS-38P	355	48200	215000	
CFS-38P	400	72000	305000	
CFSS-38P	175	2880	16000	
CFSS-38P	200	3350	18400	
CFSS-38P	235	3900	20000	
CFSS-38P	300	13700	68000	
CFSS-38P	325	21400	102000	
CFSS-38P	355	25200	120000	
CFSS-38P	400	65600	340000	
CFSS-38P	450	75300	390000	
CFSS-38P	500	85600	440000	
CFSS-38P	630	152000	720000	
CFSS-38P	710	193000	800000	
CFSS-38P	800	282000	1220000	

### 结构特点 Construction eature

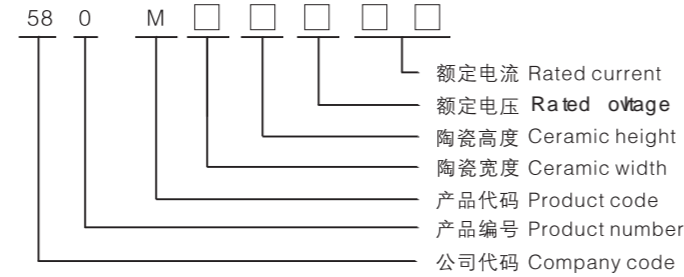


本系列产品采用99.99%纯银片制成的变截面熔体封装于由95%AL<sub>2</sub>O<sub>3</sub>高强度瓷制成的熔管内，熔管中充满经化处理过的高纯度石英砂和特殊处理化学物质作为灭弧介质，接触面采用镀银处理，熔体两端采用点焊与触头牢固电连接。

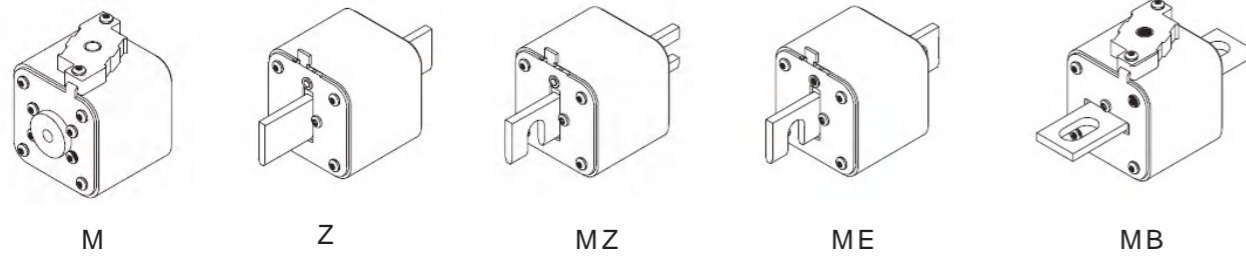
The fusing element of this series fuse is made by pure silver with purity of 99.99%, and hemetically assembled in fuse tube made from high-strength porcelain in 95% of AL<sub>2</sub>O<sub>3</sub>, and the fuse tube is filled with chemically treated high-purity quartz sands as arc-extinguishing medium; contact surface is by silver-plating; the both ends of the fuse body are connected with the copper contacts hardly by spot welding.



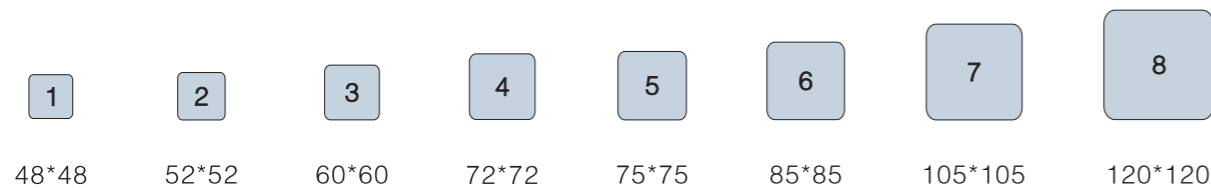
### 型号说明 Model description



### 安装形式 Installation ofm



### 陶瓷规格 Ceramic specification



代码 Code	国内外同等 型号 Domestic and overseas similar products	额定电流 Rated current (A)	熔断体型号 Fuse Model				
			H=40 Un≤690V (表1)	H=60 Un≤690V (表2)	H=60 690V < Un ≤1000V 表(2)	H=70 Un≤690V (表3)	H=70 690V < Un ≤1000V (表3)
1	RSF RST	30	580M12216	580M14216	580M14316		
	RS4 RS8	40	580M12218	580M14218	580M14318		
	RSH RSH	50	580M12220	580M14220	580M14320		
	170M RSM	63	580M12223	580M14223	580M14323		
		80	580M12225	580M14225	580M14325		
		100	580M12227	580M14227	580M14327		
		125	580M12228	580M14228	580M14328		
		160	580M12230	580M14230	580M14330		
		200	580M12232	580M14232	580M14332		
		225	580M12233	580M14233	580M14333		
		250	580M12234	580M14234	580M14334		
		300	580M12236	580M14236	580M14336		
		315	580M12237	580M14237	580M14337		
		350	580M12239	580M14239	580M14339		
		400	580M12240	580M14240	580M14340		
2	RSF RST	200	580M22232	580M24232	580M24332		
	RS4 RS8	225	580M22233	580M24233	580M24333		
	RSH RSH	250	580M22234	580M24234	580M24334		
	170M RSM	300	580M22236	580M24236	580M24336		
	69URD31...	315	580M22237	580M24237	580M24337		
	2066432	350	580M22239	580M24239	580M24339		
	G1 uef1	400	580M22240	580M24240	580M24340		
		450	580M22241	580M24241	580M24341		
		500	580M22242	580M24242	580M24342		
		550	580M22243	580M24243	580M24343		
		600	580M22244	580M24244	580M24344		
		630	580M22245	580M24245	580M24345		



代码 Code	国内外同等 型号 Domestic and overseas similar products	额定电流 Rated current (A)	熔断体型号 Fuse Model				
			H=40 Un≤690V (表1)	H=60 Un≤690V (表2)	H=60 690V < Un ≤1000V (表2)	H=70 Un≤690V (表3)	H=70 690V < Un ≤1000V (表3)
3	RSF RST	350	580M32239	580M34239	580M34339		
	RS4 RS8	400	580M32240	580M34240	580M34340		
	RSH RSH	450	580M32241	580M34241	580M34341		
	170M RSM	500	580M32242	580M34242	580M34342		
	69URD32...	550	580M32243	580M34243	580M34343		
	2067432	600	580M32244	580M34244	580M34344		
	G2 uef1	630	580M32245	580M34245	580M34345		
		710	580M32247	580M34247	580M34347		
		750	580M32248	580M34248	580M34348		
4	RSF RST	600	580M42244	580M44244	580M44344	580M45244	580M45344
	RS4 RS8	630	580M42245	580M44245	580M44345	580M45245	580M45345
	RSH RSH	710	580M42247	580M44247	580M44347	580M45247	580M45347
	170M RSM	750	580M42248	580M44248	580M44348	580M45248	580M45348
		800	580M42249	580M44249	580M44349	580M45249	580M45349
		900	580M42251	580M44251	580M44351	580M45251	580M45351
		1000	580M42252	580M44252	580M44352	580M45252	580M45352
		1200	580M42254	580M44254	580M44354	580M45254	580M45354
5	RSF RST	630	580M52245	580M54245	580M54345	580M55245	580M55345
	RS4 RS8	700	580M52246	580M54246	580M54346	580M55246	580M55346
	RSH RSH	750	580M52248	580M54248	580M54348	580M55248	580M55348
	170M RSM	800	580M52249	580M54249	580M54349	580M55249	580M55349
	69URD33...	900	580M52251	580M54251	580M54351	580M55251	580M55351
	2068432	1000	580M52252	580M54252	580M54352	580M55252	580M55352
	G3 uef1	1100	580M52253	580M54253	580M54353	580M55253	580M55353
		1200	580M52254	580M54254	580M54354	580M55254	580M55354
		1250	580M52255	580M54255	580M54355	580M55255	580M55355

代码 Code	国内外同等 型号 Domestic and overseas similar products	额定电流 Rated current (A)	熔断体型号 Fuse Model				
			H=40 Un≤690V (表1)	H=60 Un≤690V (表2)	H=60 690V < Un ≤1000V 表(2)	H=70 Un≤690V (表3)	H=70 690V < Un ≤1000V (表3)
6	RSF RST	750	580M62248	580M64248	580M64348	580M65248	580M65348
	RS4 RS8	800	580M62249	580M64249	580M64349	580M65249	580M65349
	RSH RSH	900	580M62251	580M64251	580M64351	580M65251	580M65351
	170M RSM	1000	580M62252	580M64252	580M64352	580M65252	580M65352
		1100	580M62253	580M64253	580M64353	580M65253	580M65353
		1200	580M62254	580M64254	580M64354	580M65254	580M65354
		1300	580M62256	580M64256	580M64356	580M65256	580M65356
		1400	580M62257	580M64257	580M64357	580M65257	580M65357
		1500	580M62258	580M64258	580M64358	580M65258	580M65358
7		1600	580M62259	580M64259	580M64359	580M65259	580M65359
	RSF RST	1000	580M72252	580M74252	580M74352	580M75252	580M75352
	RS4 RS8	1100	580M72253	580M74253	580M74353	580M75253	580M75353
	RSH RSH	1200	580M72254	580M74254	580M74354	580M75254	580M75354
	170M RSM	1250	580M72255	580M74255	580M74355	580M75255	580M75355
		1300	580M72256	580M74256	580M74356	580M75256	580M75356
		1400	580M72257	580M74257	580M74357	580M75257	580M75357
		1500	580M72258	580M74258	580M74358	580M75258	580M75358
		1600	580M72259	580M74259	580M74359	580M75259	580M75359
		1700	580M72260	580M74260	580M74360	580M75260	580M75360
		1800	580M72261	580M74261	580M74361	580M75261	580M75361
		1900	580M72262	580M74262	580M74362	580M75262	580M75362
		2000	580M72263	580M74263	580M74363	580M75263	580M75363
		2100	580M72264	580M74264	580M74364	580M75264	580M75364
		2200	580M72265	580M74265	580M74365	580M75265	580M75365
	2300	580M72266	580M74266	580M74366	580M75266	580M75366	
	2400	580M72267	580M74267	580M74367	580M75267	580M75367	
	2500	580M72268	580M74268	580M74368	580M75268	580M75368	

代码 Code	国内外同等型号 Domestic and overseas similar products	额定电流 Rated current (A)	熔断体型号 Fuse Model				
			H=40 Un≤690V (表1)	H=60 Un≤690V (表2)	H=60 690V < Un ≤1000V (表2)	H=70 Un≤690V (表3)	H=70 690V < Un ≤1000V (表3)
8	RSF RST	1000	580M82252	580M84252	580M84352	580M85252	580M85352
	RS4 RS8	1250	580M82255	580M84255	580M84355	580M85255	580M85355
	RSH RSH 170M RSM	1300	580M82256	580M84256	580M84356	580M85256	580M85356
		1400	580M82257	580M84257	580M84357	580M85257	580M85357
		1500	580M82258	580M84258	580M84358	580M85258	580M85358
		1600	580M82259	580M84259	580M84359	580M85259	580M85359
		1700	580M82260	580M84260	580M84360	580M85260	580M85360
		1800	580M82261	580M84261	580M84361	580M85261	580M85361
		1900	580M82262	580M84262	580M84362	580M85262	580M85362
		2000	580M82263	580M984263	580M84363	580M85263	580M85363
		2100	580M82264	580M84264	580M84364	580M85264	580M85364
		2200	580M82265	580M84265	580M84365	580M85265	580M85365
		2300	580M82266	580M84266	580M84366	580M85266	580M85366
		2400	580M82267	580M84267	580M84367	580M85267	580M85367
		2500	580M82268	580M84268	580M84368	580M85268	580M85368
		2600	580M82269	580M84269	580M84369	580M85269	580M85369
		2700	580M82270	580M84270	580M84370	580M85270	580M85370
	2800	580M82271	580M84271	580M84371	580M85271	580M85371	
	2900	580M82272	580M84272	580M84372	580M85372	580M85372	
	3000	580M82273	580M84273	580M84373	580M85373	580M85373	

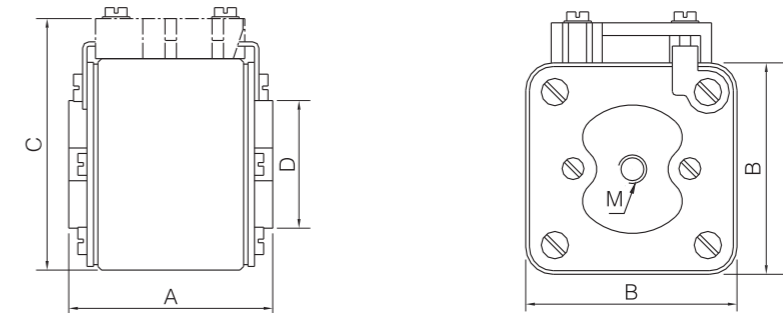
表2

代码 Code	A	B	C	D	M × H
2	76	52	64	24	8 × 10
3	76	60	72	30	10 × 10
4	76	72	85	40	10 × 10
5	76	75	88	45	12 × 12
6	78	85	98	53	12 × 12
7	80	105	118	70	16 × 14
8	80	120	133	84	16 × 14

表3

代码 Code	A	B	C	D	M × H
5	86	75	88	45	12 × 12
6	88	85	98	53	12 × 12
7	89	105	118	70	16 × 14
8	90	120	133	84	16 × 14

基本数据 Basic Data



“aR” 基本数据 Characteristic Curve of “aR” Fuse Link

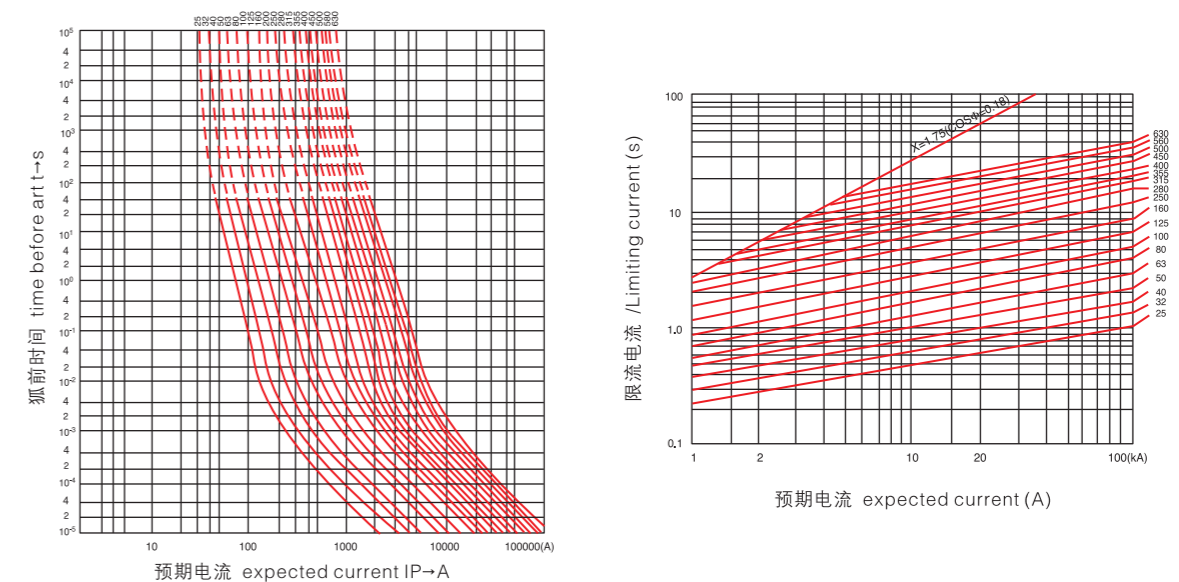


表1

代码 Code	A	B	C	D	M × H
1	56	48	60	4	8 × 10
2	56	52	64	24	8 × 10
3	56	60	72	30	10 × 10
4	56	72	85	40	10 × 10
5	56	75	88	45	12 × 12
6	60	85	98	53	12 × 12
7	60	105	118	70	16 × 14
8	60	120	133	84	16 × 14