

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-PS20043001
品名/Description	HV FUSE
型号/Model	R14G□□
日期/Date	08/01/2018
设计/Designed	批准/Approved
蒋秋	Bill

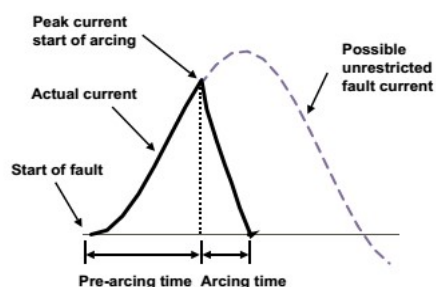
地址：中国江苏省昆山市周市镇陆扬友谊北路153号
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Http: www.cfriend-electric.com

R14-FUSES Fuses for Semiconductor Protection
IEC60269-2/GB/T13539.2 standard

Size	Rated Voltage	Operating Class	Rated Breaking Capacity
14	500Vac	g G	500V@ 100kA



型号 Product model

- R14G□□

型号诠释 Product interpretation

R 14 G □□
① ② ③ ④

- ① R: 500Vac熔断器500 Vac fuse
- ② 直径尺寸 Diameter: 14:熔管直径Fusion tube diameter Φ14.3
- ③ 保护类型Type of Protection: G: gG特性
- ④ 额定电流 Rated Current

描述 Description

- 优越的电气性能，迅速切断系统中的故障电流。

Excellent electrical performance, quickly cut off the fault current in the system.

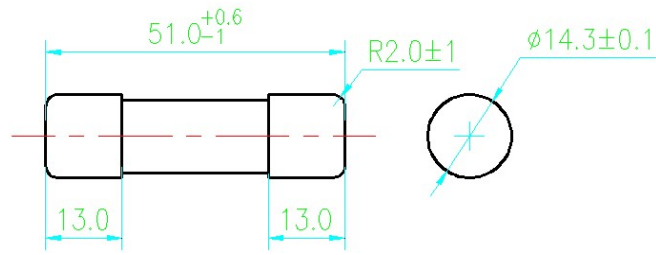
- 设计符合 IEC60269-2、GB/T13539.2标准要求

The design meets the IEC 60269-2, GB/T13539.2 standard requirements

- 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(unit:mm)

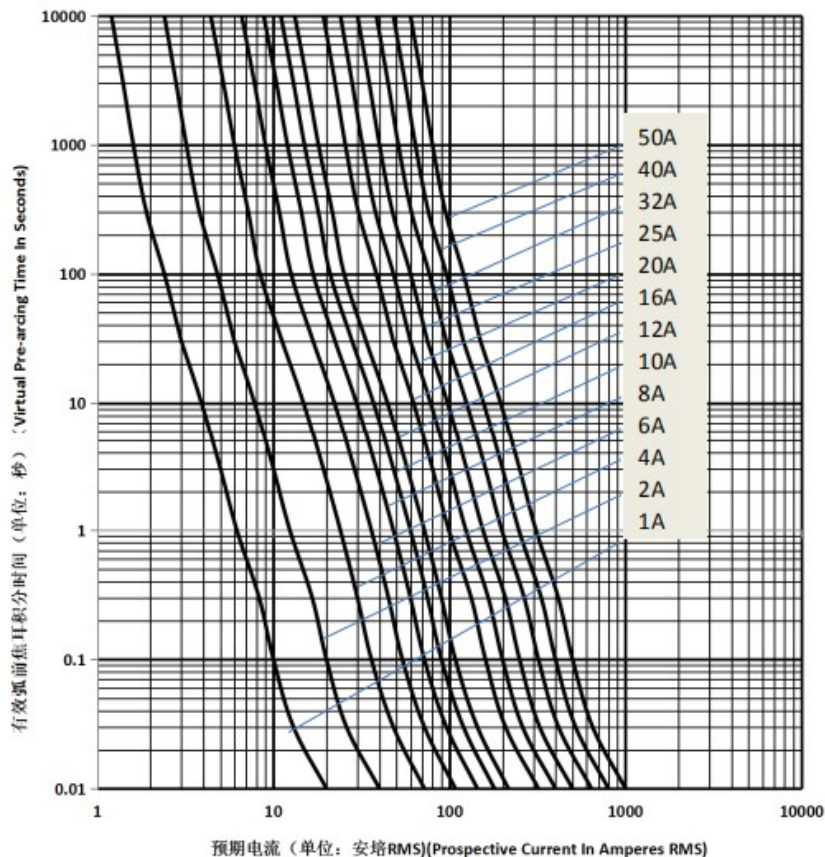


物料选择 Selection and ordering data

Rated current 【A】	Rated voltage 【V】	Part Number	Power Loss 【W】	Pre-arcing I^2t 【A ² S】	Total@500V I^2t 【A ² S】	Weight 【Kg/1】	Pack
1	500	R14G1	0.9	1	1.6	0.22	10
2	500	R14G2	1	1.1	1.9	0.22	10
4	500	R14G4	1.2	2	2.5	0.22	10
6	500	R14G6	1.4	1.5	6.8	0.22	10
8	500	R14G8	1.6	2.8	7.2	0.22	10
10	500	R14G10	2.8	3.4	12	0.22	10
12	500	R14G12	3.3	6.5	21	0.22	10
16	500	R14G16	3.6	9.5	43	0.22	10
20	500	R14G20	4.2	23	90	0.22	10
25	500	R14G25	4.5	43	188	0.22	10
32	500	R14G32	4.7	55	228	0.22	10
40	500	R14G40	4.8	68	280	0.22	10
50	500	R14G50	4.9	85	410	0.22	10

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

时间-电流曲线 (Time Current Curve)



使用条件 Operating condition

No	项目 Item	要求 Requirements
	1 使用电压范围 Operating voltage	≤500V
	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	≤2000m(超过范围请咨询厂商)
	5 污秽等级 Pollution level	III