

FRSI[®] 弗而兹电气

PRODUCTS DATASHEET

FRC 系列圆筒形帽快速熔断体/熔断器底座

FRC FUSE & FUSE HOLDER

产品规格书

Product Specification



1. 规格型号

1.1 额定电压 Rated Voltage: AC500V/690V

1.2 额定电流: 2A~100A

1.3 功能等级 Utilization Category: gR

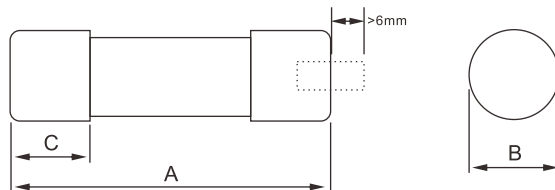
1.4 分断能力 Breaking Capacity: 100kA

2. 符合标准及规范 Standard: IEC60269-4 GB/T13539.4

3. 产品外形尺寸 Product Dimension

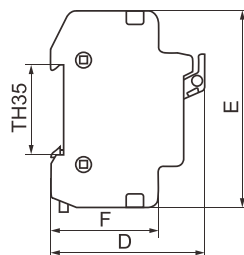
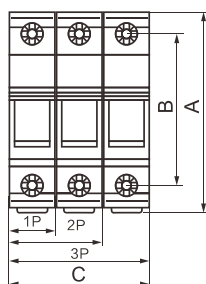
熔断体外形尺寸 Fuse Dimension

型号 Type	尺码 Size	额定电压(V) Rated Voltage	电流等级(A) Rated Current	尺寸 Dimension(mm)		
				A	B	C(Max)
FRC10	10 × 38	AC500V/690V	2、4、6、8、10 16、20、25	38 ± 0.6	10.3 ± 0.1	10.5
FRC14 FRC14Z	14 × 51	AC500V/690V	2、4、6、8、10、16、 20、25、32、40、50	51 ^{+0.6} ₋₁	14.3 ± 0.1	13.8
FRC22 FRC22Z	22 × 58	AC500V/690V	50、63、80、100	58 ^{+0.1} ₋₂	22.2 ± 0.1	16



熔座外形尺寸 Fuse Holder Dimension

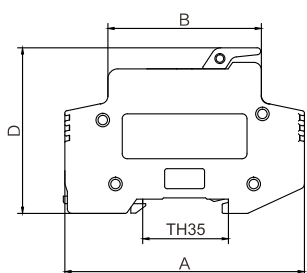
型号 Type	尺码 Size	额定电压(V) Rated Voltage	电流等级(A) Rated Current	尺寸 Dimension(mm)								
				A	B	C				D	E	F
1P	2P	3P	4P									
RT18-32	10x38	AC690V	32	80.5	62	17.5	35	52.5	70	62	78.5	43
RT18-32X	10x38	AC690V	32									



RT18-32, RT18-32X, X代表带指示灯
本产品是模块化可组合2P, 3P, 4P

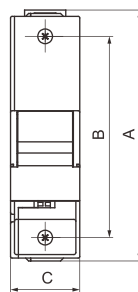
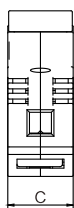
RT18-32, RT18-32X, X stands for Light Indicator
Can be modularized to be 2P, 3P, 4P

型号 Type	尺码 Size	额定电压(V) Rated Voltage	电流等级(A) Rated Current	尺寸Dimension(mm)					
				A	B	C	D	E	F
RT18-63	14X51	AC690	63	96	61.5	26.2	66.4	—	—
RT18-63X	14X51	AC690	63						
RT18-125	22X58	AC690	125	128	103	35.5	76	123	39.6
RT18-125X	22X58	AC690	125						



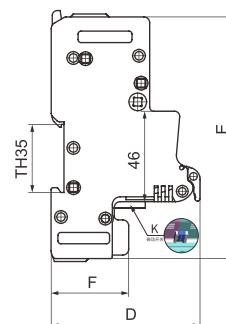
RT18-63,RT63X
本产品是模数化可组合2P,3P,4P
X:代表指示灯

RT18-63, RT63X
Can be modularized to be 2P,3P,4P
X: stands for Light Indicator



RT18-125,RT125X
本产品是模数化可组合2P,3P,4P
X:代表指示灯

RT18-125, RT125X
Can be modularized to be 2P,3P,4P
X: stands for Light Indicator



4. 技术参数 Technical Parameters

3.1 弧前(Pre-arcing) I²t 熔断(Clearing) I²t 额定功率Watts Loss

型号 Model	电流(A) Rated Current	功率(W) 0.8In Watts Loss	功率(W) 1In Watts Loss	曲线 Curve
FRC10	2	0.29	0.5	图 Figure 1 图 Figure 2
	4	0.58	1.0	
	6	0.74	1.3	
	8	1.1	1.8	
	10	1.1	1.9	
	16	1.2	2.1	
	20	1.4	2.5	
FRC14 FRC14Z	25	1.6	2.8	图 Figure 1 图 Figure 3
	2	0.29	0.5	
	4	0.58	1.0	
	6	0.74	1.3	
	8	1.1	1.8	
	10	1.1	1.9	
	12	1.2	2.0	
	16	1.2	2.1	
	20	1.4	2.5	
	25	1.6	2.8	
	32	2.4	4.2	
FRC22 FRC22Z	40	2.9	5.0	图 Figure 1 图 Figure 4
	50	3.3	5.7	
	50	3.9	6.7	
	63	4.9	8.5	
FRC22 FRC22Z	80	6.2	10.8	图 Figure 1 图 Figure 4
	100	7.5	13.2	
	100	7.5	13.2	

3.2 时间-电流曲线 Time-current characteristics curves

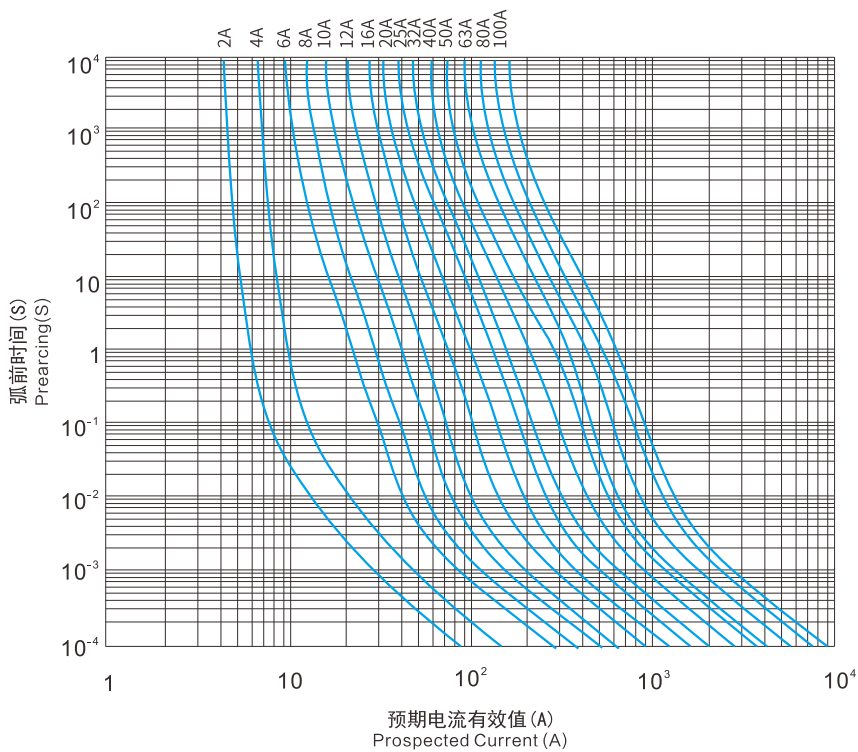
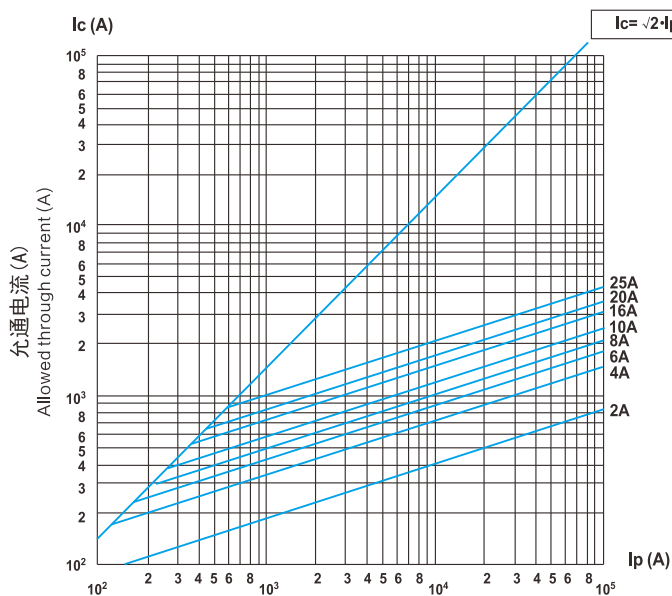


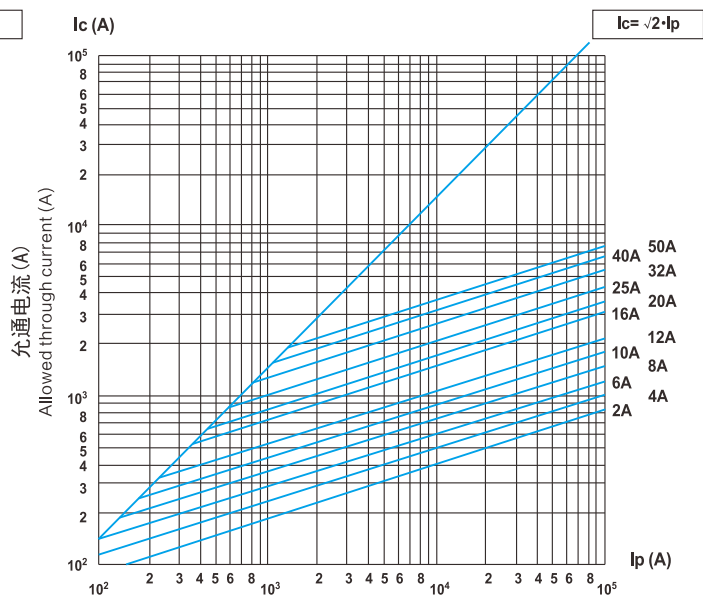
图 Figure 1

3.4 截断电流特性 Cut-off current characteristics



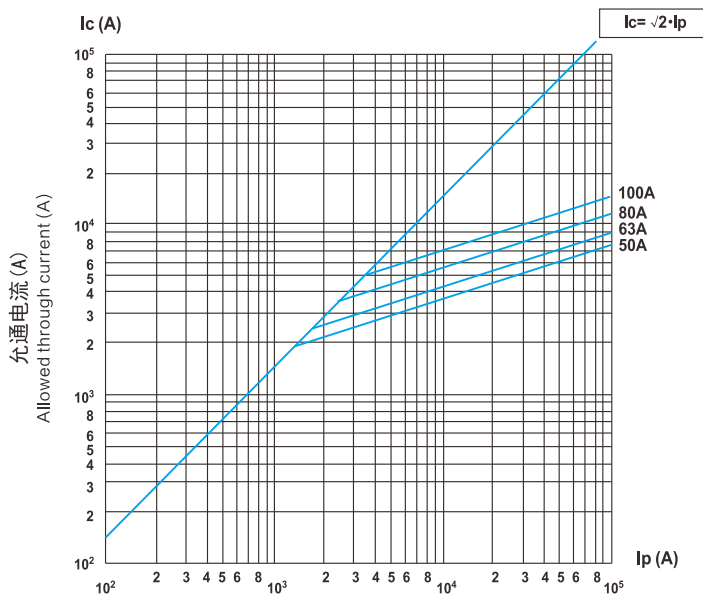
预期截断电流有效值(A)
Prospected Cut-off Current (A)

图 Figure 2



预期截断电流有效值(A)
Prospected Cut-off Current (A)

图 Figure 3



预期截断电流有效值(A)
Prospected Cut-off Current (A)

图 Figure 4

样本所述的产品资料以实物为准，若有变更本公司恕不另行通知，欢迎致电咨询。

The product information stated in the sample shall be subject to the material object.
If there is any change without prior notice, please call us for consultation.

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