

Square body fuse links 方形熔断器

750VDC	50A~1600A	190M	P2~P3
850VDC-1250VAC	1400A	190M	P4
750VDC	63A~500A	190E	P5~P8
1200VDC	20A~215A	190M	P9
1200VDC	160A~420A	109F	P10~P12
2000VDC	20A~600A	190M	P13~P14
2000VDC	10A~80A	190E	P15
2000VDC	10A~125A	190E	P16~P19
2400VDC	100A~400A	190M	P20~P21
4000VDC	20A~125A	190E	P22
4000VDC	20A~450A	190E	P23~P27

Ferrule body fuse links 圆柱型熔断器

750VDC	5A~60A	KWK	P28
750VDC	30A~50A	KRC750	P29
1000VDC	2A~30A	KWS、KWL	P30~P31

Round body fuse links 圆型熔断器

750VDC	5A~60A	5KC36~60KT36	P32
750VDC	200A~400A	200RB~400RB	P33
900VDC	160A~1000A	SF75X160B~SF100X1000HP	P34
1500VDC	25A~200A	KCB25~KCB200	P35



Main Characteristics技术参数 Voltage电压750VDC Current电流范围 from 50A to 1600 A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Operating Class 类别	Watts Loss 功耗(W)		I ² t @750V 熔断I ² t(A ² S)	
						0.8I _n	I _n	Pre-arcing I ² t (A ² S)	Total I ² t (A ² S)
0BKN/130 (Flush End) 平板型	190M2000	KPD0-50A/750VDC0BKN130	50A	750VDC	aR	15	27	390	1300
	190M2001	KPD0-63A/750VDC0BKN130	63A	750VDC	aR	18	35	610	2050
	190M2002	KPD0-80A/750VDC0BKN130	80A	750VDC	aR	19	37	670	2250
	190M2003	KPD0-100A/750VDC0BKN130	100A	750VDC	aR	21	40	2450	8150
	190M2004	KPD0-125A/750VDC0BKN130	125A	750VDC	aR	24	47	2950	9800
	190M2005	KPD0-160A/750VDC0EKN130	160A	750VDC	aR	29	56	5500	18250
3BKN/130 (Flush End) 平板型	190M2010	KPD3-450A/750VDC3BKN130	450A	750VDC	gR	46	87	65700	272300
	190M2011	KPD3-500A/750VDC3BKN130	500A	750VDC	gR	52	98	83200	344800
	190M2012	KPD3-550A/750VDC3BKN130	550A	750VDC	gR	67	126	136700	566500
	190M2013	KPD3-630A/750VDC3BKN130	630A	750VDC	gR	75	142	173500	719000
	190M2014	KPD3-700A/750VDC3BKN130	700A	750VDC	gR	78	156	268000	1110500
	190M2015	KPD3-750A/750VDC3BKN130	750A	750VDC	gR	83	167	307600	1275000
	190M2016	KPD3-800A/750VDC3BKN130	800A	750VDC	gR	89	178	349900	1450000
23BKN/148 (parallel) 平板双并型	190M2017	KPD23-1000A/750VDC23BKN/148	1000A	750VDC	gR	112	187	476300	1973700
	190M2018	KPD23-1250A/750VDC23BKN/148	1250A	750VDC	gR	134	224	694000	2875800
	190M2019	KPD23-1400A/750VDC23BKN/148	1400A	750VDC	gR	152	254	1071600	4440500
	190M2020	KPD23-1500A/750VDC23BKN/148	1500A	750VDC	gR	165	275	1230200	5097700
	190M2021	KPD23-1600A/750VDC23BKN/148	1600A	750VDC	gR	180	300	1399700	5800100
6BKN/130 (Flush End) 平板型	190M2031	KPD6-1000A/750VDC6BKN/130	1000A	750VDC	gR	112	187	476300	1973700
	190M2032	KPD6-1250A/750VDC6BKN/130	1250A	750VDC	gR	134	224	694000	2875800
	190M2033	KPD6-1400A/750VDC6BKN/130	1400A	750VDC	gR	152	254	1071600	4440500
	190M2034	KPD6-1500A/750VDC6BKN/130	1500A	750VDC	gR	165	275	1230200	5097700
	190M2035	KPD6-1600A/750VDC6BKN/130	1600A	750VDC	gR	180	300	1399700	5800100

Description 描述:

A rang of square body high speed traction fuse links for superior protection of DC third rail applications up to 750V DC.用于750VDC 轨道牵引保护。

Tested breaking capacity分断能力:

0BKN/130:

85KA at 750VDC L/R 95ms

80KA at 950VDC L/R 40ms

3BKN/130 110KA at 750VDC L/R 40ms

6BKN/130; 110KA at 750VDC L/R 40ms

23BKN/148: 110KA at 750VDC L/R 40ms

Standards/approvals 执行标准:

IEC60269; GB1353.4

Typical application 典型应用:

Third rail 轨道牵引

Class of operation 类别:

aR size 0BKN/130

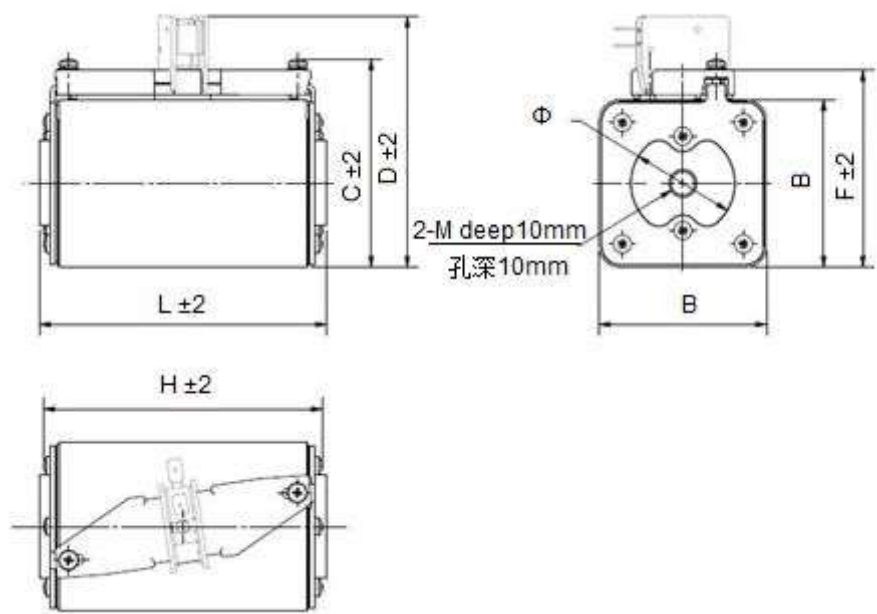
gR size 3BKN/130;

gR size 6BKN/130;

gR size 23BKN/148

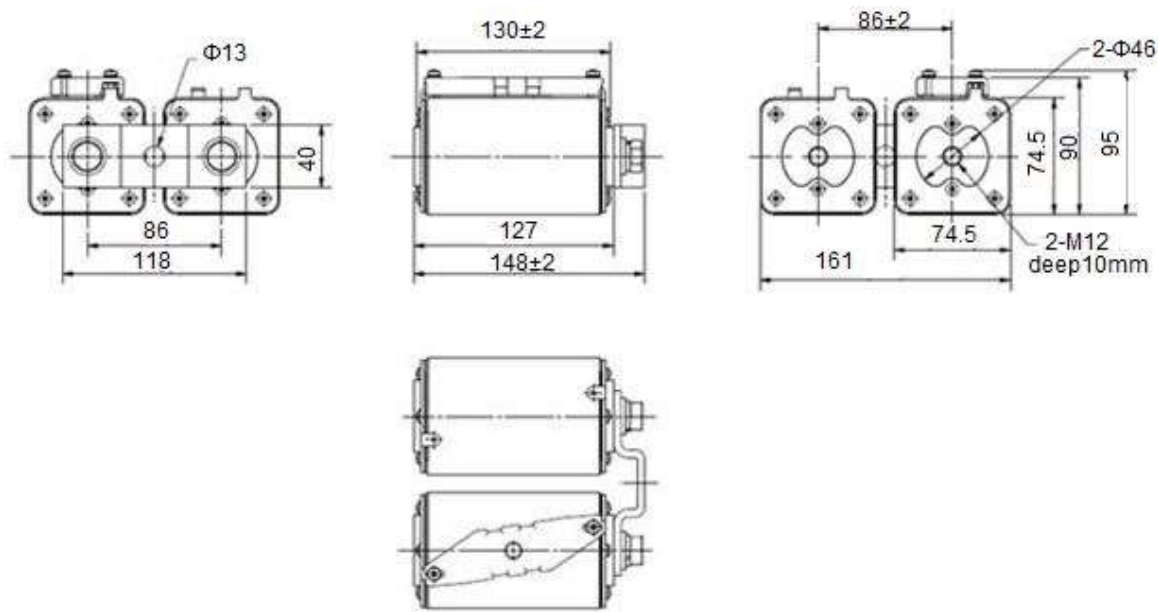
Main Characteristics技术参数 Voltage电压750VDC Current电流范围 from 50A to 1600 A

(0BKN/130、3BKN/130、6BKN/130) Dimensions(mm)安装尺寸示意图:



Catalog Numbers订货代码	L	H	B	C	D	F	Φ	M
0BKN/130	130	125	40	63	88	58	Φ17	M8
3BKN/130	130	125	74	95	120	90	Φ45	M12
6BKN/130	130	125	118	140	165	135	Φ84	M16

(23BKN/148) Dimensions(mm)安装尺寸示意图:



Main Characteristics 技术参数 Voltage电压850VDC~1250VAC Current电流范围:1400 A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 (V)	Operating Class 类别	Watts Loss 功耗(W)		I²t @750V 熔断I²t(A²S)	
						0.8In	In	Pre-arcing I²t (KA²S)	Total I²t (KA²S)
5BKN/107 (Flush End) 平板型	190M7217	KPD54-1400A/1250VAC54BKN107	1400A	850VDC 1250VAC	aR	99W	195W	800KA²S	5000KA²S

Description 描述:

A square body high speed traction fuse links suitable for use in third rail collection systems to protection high speed DC breaker in low time constant, high fault conditions, Suitable for 1250VAC、850VDC systems. 用于1250VAC、850VDC 电感量小、时间常数低的牵引回路快速保护。

Tested breaking capacity分断能力:

54BKN/107:

100KA at 1250VAC

80KA at 850VDC L/R 8ms

Rated Voltage:850VDC、1250VAC

Rated Current:1400A

Class of operation 类别:

aR size 54BKN/107

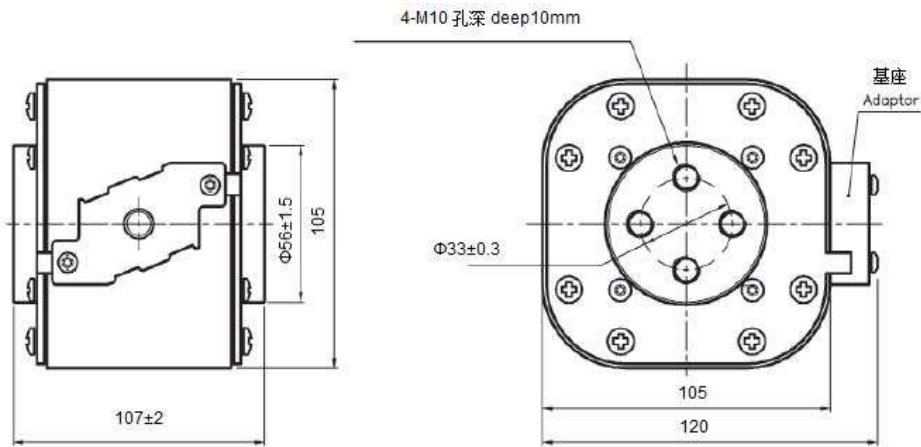
Standards/approvals 执行标准:

IEC60269; GB1353.4

Typical application 典型应用:

Protection of high speed DC breakers in low time constant high fault condition in third rail application 主要用于电感量值低、时间常数值低 的牵引回路。

(54BKN/107) Dimensions(mm)安装尺寸示意图:



Main Characteristics Voltag电压750VDC~900VDC Current电流范围 from 50A to 500A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Class 类别	Watts Loss 功耗(W)		I ² t @750V 熔断I ² t(A ² S)	
						0.8I _n	I _n	Pre-arcing I ² t (A ² S)	Total I ² t (A ² S)
0BKN/130 (Flush End) 平板型	190E3576	KPD0-50A/750VDC0BKN130	50A	750V~900V	gR	4.4	8.1	687	2287
	190E3577	KPD0-63A/750VDC0BKN130	63A	750V~900V	gR	5.7	10.4	1100	3663
	190E3578	KPD0-80A/750VDC0BKN130	80A	750V~900V	gR	7.3	13.4	1750	5827
	190E3579	KPD0-100A/750VDC0BKN130	100A	750V~900V	gR	9.1	16.7	3000	9990
	190E3580	KPD0-125A/750VDC0BKN130	125A	750V~900V	gR	11.5	21	4500	14985
	190E3581	KPD0-160A/750VDC0BKN130	160A	750V~900V	gR	15	27	7700	26541
0EKN/156 (Knife blade) 双钩刀型	190E3583	KED0-50A/750VDC0EKN156	50A	750V~900V	gR	4.4	8.1	687	2287
	190E3584	KED0-63A/750VDC0EKN156	63A	750V~900V	gR	5.7	10.4	1100	3663
	190E3585	KED0-80A/750VDC0EKN156	80A	750V~900V	gR	7.3	13.4	1750	5827
	190E3586	KED0-100A/750VDC0EKN156	100A	750V~900V	gR	9.1	16.7	3000	9990
	190E3587	KED0-125A/750VDC0EKN156	125A	750V~900V	gR	11.5	21	4500	14985
	190E3588	KED0-160A/750VDC0EKN156	160A	750V~900V	gR	15	27	7700	26541
1BKN/130 (Flush End)	190E5417	KPD1-200A/750VDC1BKN130	200A	750V~900V	gR	21	37	11000	36300
	190E5418	KPD1-250A/750VDC1BKN130	250A	750V~900V	gR	26	46	18000	59400
1EKN/165 (Knife blade)	190E5420	KED1-200A/750VDC1EKN/165	200A	750V~900V	gR	21	37	11000	36300
	190E5421	KED1-250A/750VDC1EKN/165	250A	750V~900V	gR	26	46	18000	59400
2BKN/130 (Flush End) 平板型	190E8335	KPD2-250A/750VDC2BKN130	250A	750V~900V	gR	26	47	17000	56100
	190E8336	KPD2-315A/750VDC2BKN130	315A	750V~900V	gR	32	57	28000	92400
	190E8337	KPD2-400A/750VDC2BKN130	400A	750V~900V	gR	41	73	55000	181500
2EKN/170 (Knife blade) 双钩刀型	190E8345	KED2-250A/750VDC2EKN/170	250A	750V~900V	gR	26	47	17000	56100
	190E8346	KED2-315A/750VDC2EKN/170	315A	750V~900V	gR	32	57	28000	92400
	190E8347	KED2-400A/750VDC2EKN/170	400A	750V~900V	gR	41	73	55000	181500
3BKN/130 平板	190E9681	KPD3-500A/750VDC3BKN130	500A	750V~900V	gR	52	93	75500	249150
3EKN/170 刀型	190E9685	KED3-500A/750VDC3EKN/170	500A	750V~900V	gR	52	93	75500	249150

Description 描述:

A rang of square body high speed traction fuse links for superior protection of DC third rail applications up to 750V DC.用于750VDC 轨道牵引保护。

Technical data技术数据:

Rated voltage电压 750V dc

Rated current电流50A~500A

Tested breaking capacity分断能力:

100KA at 1000VDC L/R 40ms
100KA at 750VDC L/R 100ms

Class of operation 类别:

gR

Standards/approvals 执行标准:

IEC60269; GB1353.4

Typical application 典型应用:

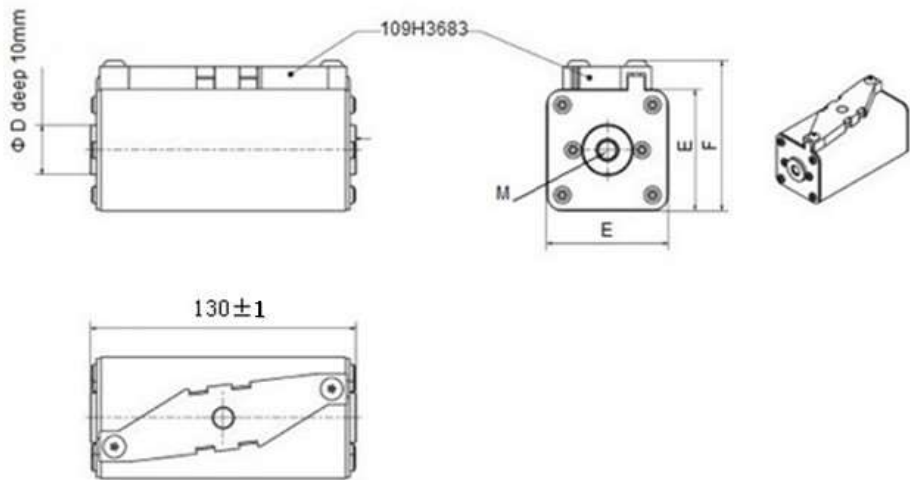
Third rail 轨道牵引

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Main Characteristics Voltag电压750VDC~900VDC Current电流范围 from 50A to 500A

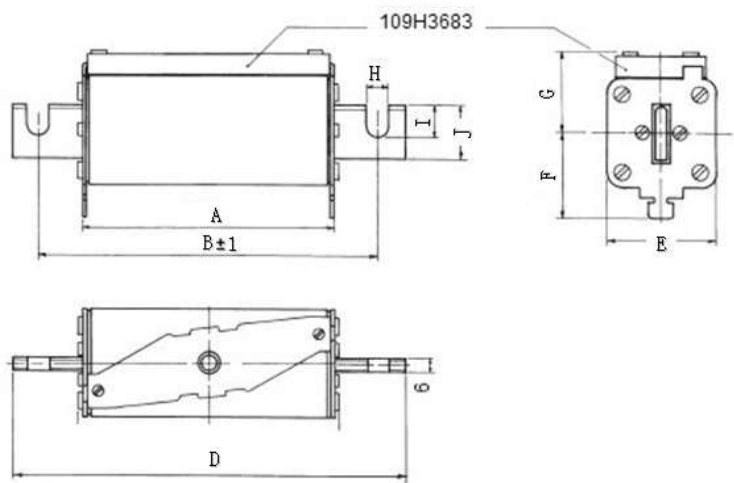
Dimensions(mm)安装尺寸示意图:(0BKN/130、1BKN/130、2BKN/130、3BKN/130)



Type Number	安装尺寸Dimensions (mm)			
尺寸代码	E	F	M	D
0BKN/130	40	55	M8	Φ17
1BKN/130	51	66	M8	Φ20

Type Number	安装尺寸Dimensions (mm)			
尺寸代码	E	F	M	D
2BKN/130	60	75	M10	Φ25
3BKN/130	75	90	M12	Φ44

Dimensions(mm)安装尺寸示意图: (0EKN/155、1EKN/166、2EKN/170、3EKN/170)

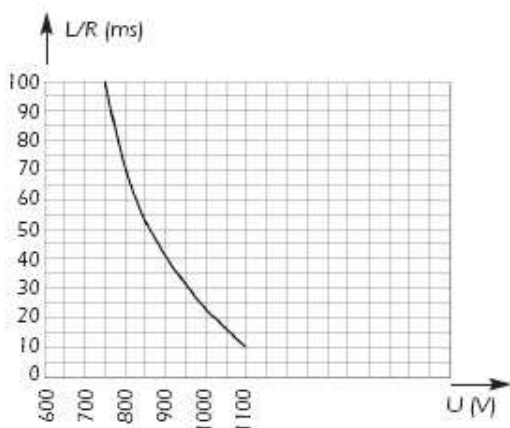


Type Number	安装尺寸Dimensions (mm)								
尺寸代码	A	B	D	E	F	G	H	I	J
0EKN/155	124	156	180	43	36	41	9	9	18
1EKN/165	124	166	191	51	37	41	11	14	25
2EKN/170	124	170	205	60	42	48	13	21	30
3EKN/170	125	170	206	75	51	56	13	20	36

Main Characteristics Voltage电压750VDC~900VDC Current电流范围 from 50A to 500A

Electrical characteristics 电气特性:

DC applications data



Above: Curve indicates maximum permissible value of time constant

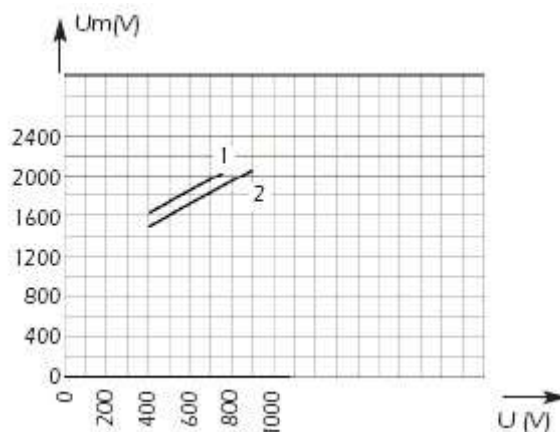
L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

1250 V with breaking capacity of 170 kA

Time vs current characteristic 时间电流特性曲线:

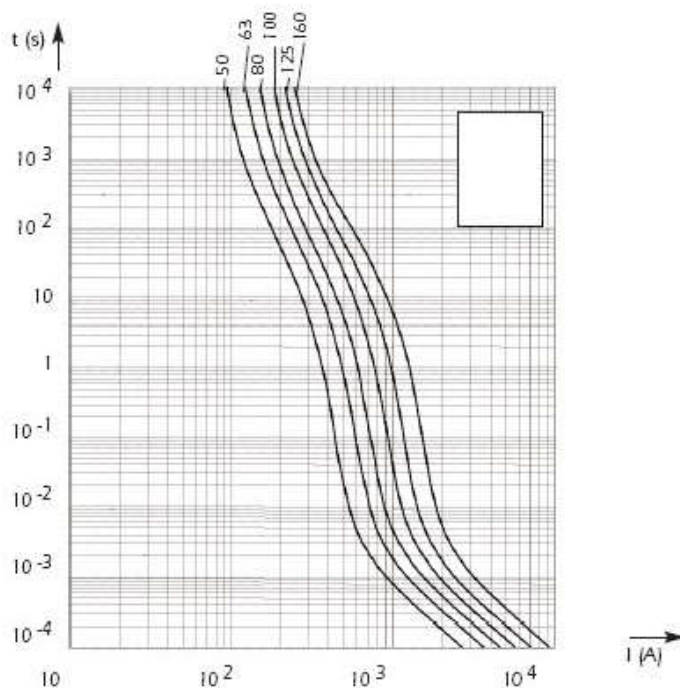
Peak arc voltage vs. working voltage



1 : L/R = 100 ms 2 : L/R = 40 ms

Above: Curves indicate for various time constants

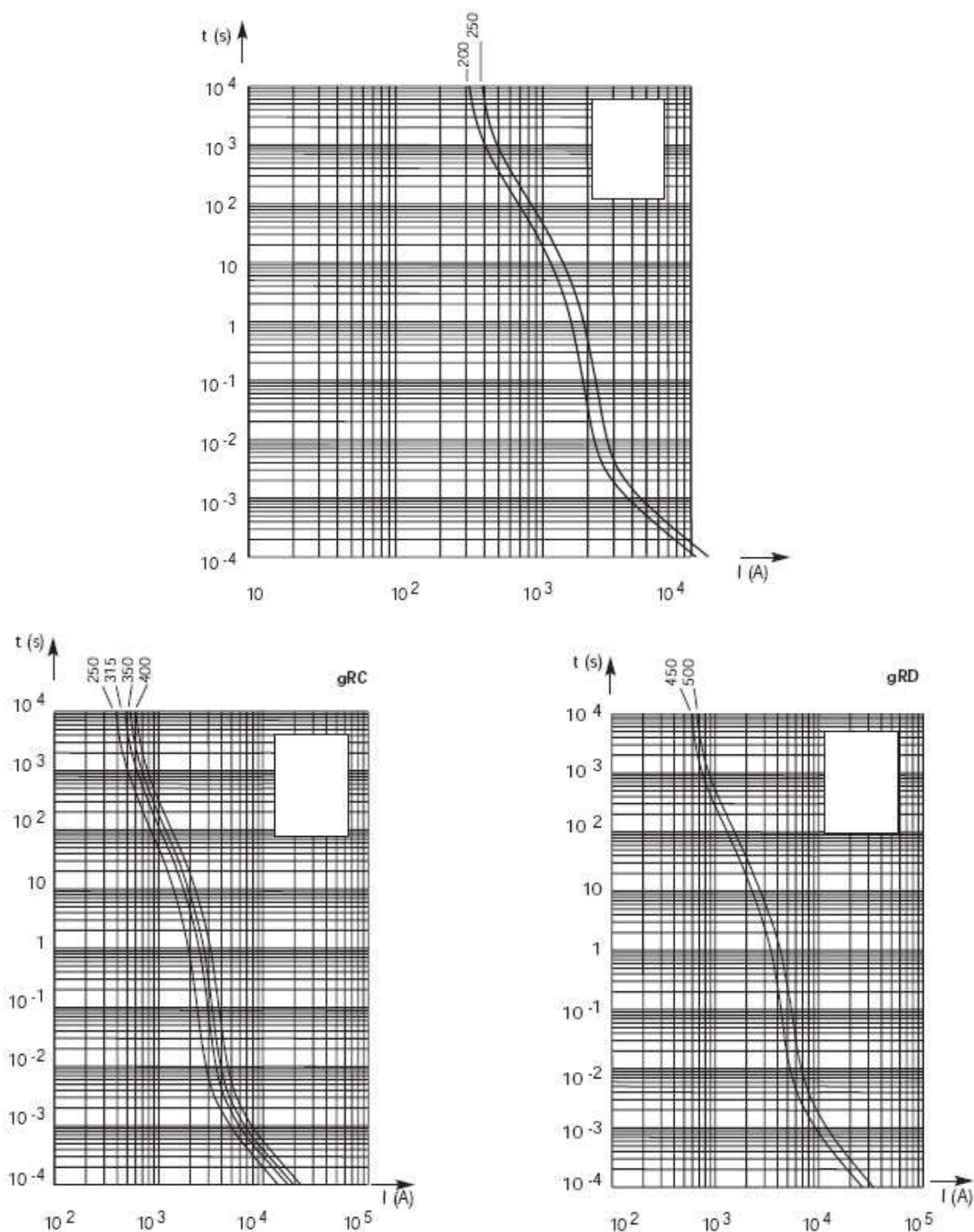
L/R the peak arc voltage, which may appear across fuse terminals, vs. DC working voltage



Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

Main Characteristics Voltage电压750VDC~900VDC Current电流范围 from 50A to 500A

Time vs current characteristic 时间电流特性曲线:



Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

Main Characteristics Voltage电压1000V~1200VDC Current电流范围 from 20A to 215 A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Class 类别	Watts Loss 功耗(W)		I ² t @1200V DC 熔断I ² t(A ² S)	
						0.8I _n	I _n	Pre-arcing I ² t (A ² S)	Total I ² t (A ² S)
OLKN/140 Single Slot Tag 单孔母线型	190M2100	RDF0-20A/1200VDC0LKN140	20A	1200VDC	aR	1W	2W	82	249
	190M2101	RDF0-25A/1200VDC0LKN140	25A	1200VDC	aR	4W	8W	173	526
	190M2102	RDF0-32A/1200VDC0LKN140	32A	1200VDC	aR	5W	9W	327	994
	190M2103	RDF0-40A/1200VDC0LKN140	40A	1200VDC	aR	6W	10W	550	1675
	190M2104	RDF0-50A/1200VDC0LKN140	50A	1200VDC	aR	7W	13W	950	2890
	190M2105	RDF0-63A/1200VDC0LKN140	63A	1200VDC	aR	10W	20W	1310	3990
	190M2106	RDF0-80A/1200VDC0LKN140	80A	1200VDC	aR	13W	26W	1970	6000
	190M2107	RDF0-100A/1200VDC0LKN140	100A	1200VDC	aR	15W	30W	3800	11600
	190M2108	RDF0-125A/1200VDC0LKN140	125A	1200VDC	aR	16W	32W	8550	26025
	190M2109	RDF0-160A/1200VDC0LKN140	160A	1200VDC	aR	24W	44W	8770	26700
	190M2110	RDF0-200A/1200VDC0LKN140	200A	1200VDC	aR	29W	52W	15200	46300
	190M2111	RDF0-215A/1200VDC0LKN140	215A	1200VDC	aR	32W	58W	16430	50000

Description 描述:

A rang of square body high speed traction fuse links for superior protection of DC third rail applications up to 1200V DC.用于1200VDC 轨道牵引保护。

Technical data技术数据:

Rated voltage电压 1200V dc

Rated current电流 20A~215A

Tested breaking capacity分断能力:

100KA at 1350VDC L/R 15ms

Class of operation 类别: aR

Feature and product benefit 产品特性:

Low watts loss 功耗低

High breaking capacity 高分断能力

Low arc voltage 电弧电压低

Typical application 典型应用:

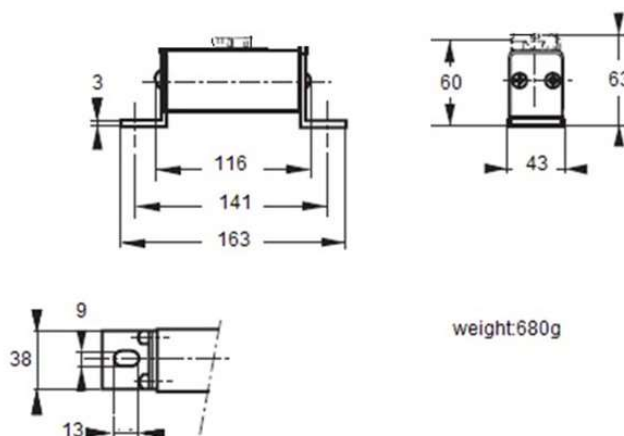
Protection of high speed circuit breaker回路短路快速保护。

Heating Ventilation Air Conditioning (HVAC) 供暖通风系统

Third rail converter轨道牵引变流器保护

Standards/approvals 执行标准: IEC60269; GB1353.4

Dimensions(mm)安装尺寸示意图:(OLKN/140)



Main Characteristics Voltage电压1000V~1200VDC Current电流范围 from 160A to 420A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Class 类别	Watts Loss 功耗(W)		I²t 熔断I²t(A²S)	
						0.8I _n	I _n	1000VDC L/R=15ms	1000VDC L/R=45ms
3LKN/140 Double Slotted Tag 双孔母线型	109F8230	RDF3-160A/1200VDC2LKN140	160A	1200VDC	aR	37W	75W	12000	20000
	109F8231	RDF3-200A/1200VDC2LKN140	200A	1200VDC	aR	42W	85W	20000	35000
	109F8232	RDF3-250A/1200VDC2LKN140	250A	1200VDC	aR	47W	94W	43000	75000
	109F8233	RDF3-315A/1200VDC2LKN140	315A	1200VDC	aR	52W	104W	87000	150000
	109F8234	RDF3-400A/1200VDC2LKN140	400A	1200VDC	aR	60W	120W	180000	310000
	109F8235	RDF3-420A/1200VDC2LKN140	420A	1200VDC	aR	63W	122W	215000	375000

Description 描述:

A rang of square body high speed traction fuse links for superior protection of DC third rail applications up to 1200V DC.用于1200VDC 轨道牵引保护。

Technical date技术数据:

Rated voltage电压 1200V dc

Rated current电流 160A~420A

Tested breaking capacity分断能力:

100KA at 1000VDC L/R 45ms

100KA at 1200VDC L/R 15ms

Feature and product benefit 产品特性:

High breaking capacity 高分断能力

Low arc voltage 电弧电压低

Typical application 典型应用:

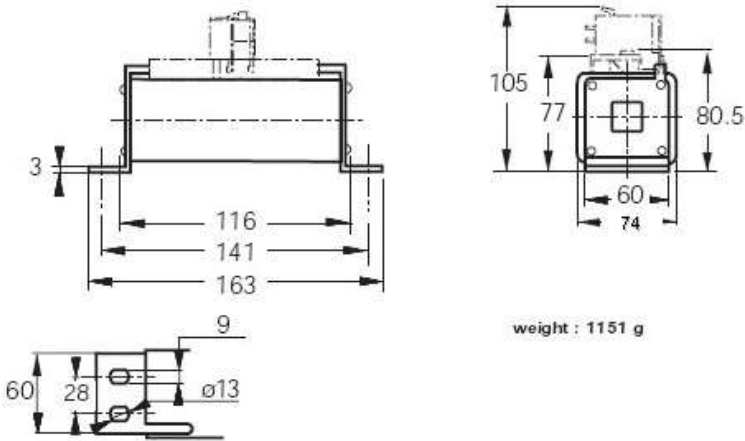
Auxiliary converter 辅助变流器

Third rail 轨道牵引

Standards/approvals 执行标准: IEC60269; GB1353.4

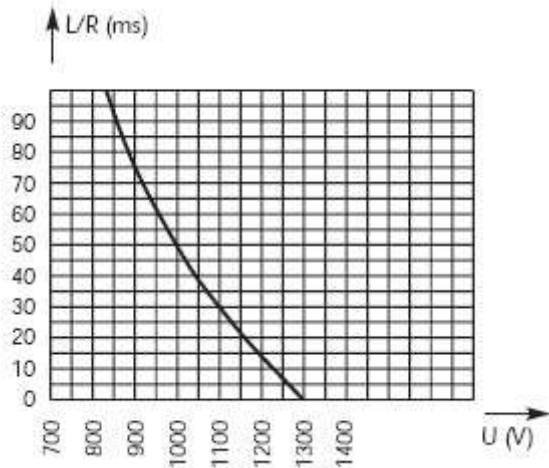
Class of operation 类别: aR

Dimensions(mm)安装尺寸示意图:(2LKN/140)



Main Characteristics Voltage电压1000V~1200VDC Current电流范围 from 20A to 215 A

DC applications data 应用数据

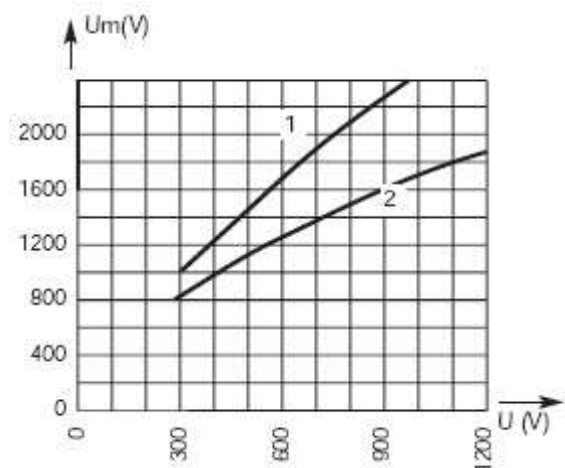


Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

900 V with breaking capacity of 100 kA

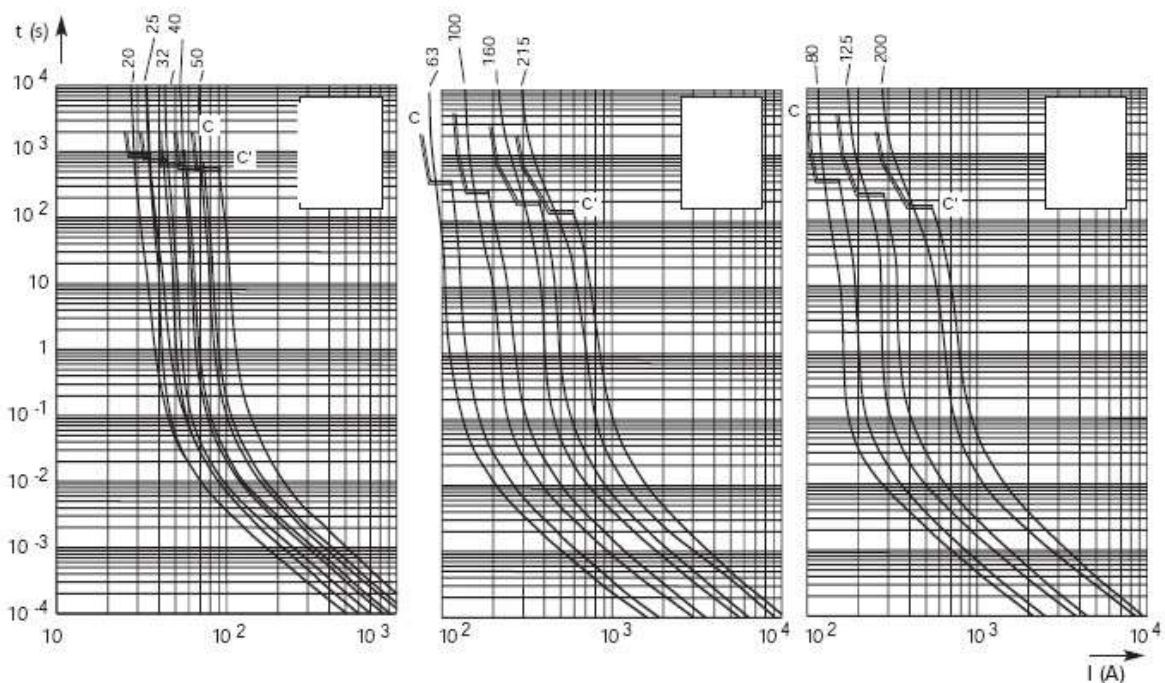
Peak arc voltage vs. working voltage



1 : L/R = 45 ms 2 : L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage, which may appear across fuse terminals, vs. DC working voltage

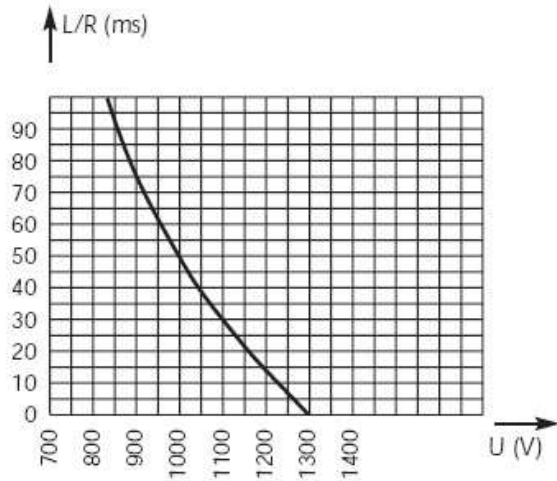
Time vs current characteristic 时间电流特性曲线:



Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

Main Characteristics Voltage电压1000V~1200VDC Current电流范围 from 160A to 420A

DC applications data 应用数据

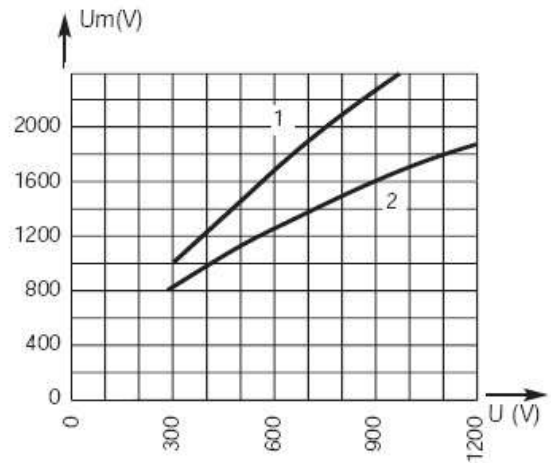


Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

900 V with breaking capacity of 100 kA

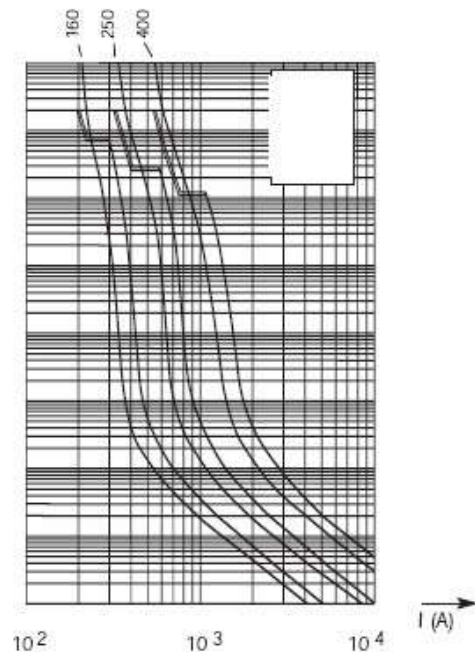
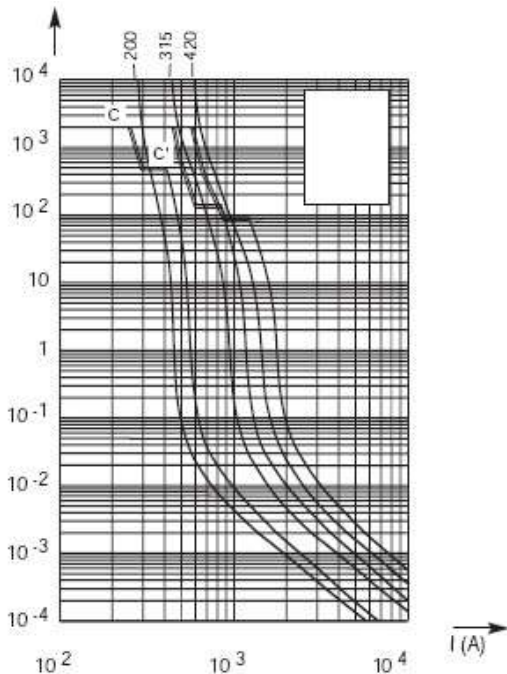
Peak arc voltage vs. working voltage



1 : $L/R = 45 \text{ ms}$ 2 : $L/R = 15 \text{ ms}$

Above: Curves indicate for various time constants L/R the peak arc voltage, which may appear across fuse terminals, vs. DC working voltage

Time vs current characteristic 时间电流特性曲线:



Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

Main Characteristics Voltage电压1500V~2000VDC Current电流范围 from 20A to 600A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Class 类别	Watts Loss 功耗(W)		I ² t @2000V 熔断I ² t(A ² S)	
						0.8I _n	I _n	Pre-arcing I ² t (A ² S)	Total I ² t (A ² S)
0LKN/195 Bolted Blade Style 片式螺栓型	190M2046	RDF0-20A/2000VDC0LKN/195	20A	2000VDC	aR	9	12	85	240
	190M2047	RDF0-25A/2000VDC0LKN/195	25A	2000VDC	aR	9	16	130	390
	190M2048	RDF0-32A/2000VDC0LKN/195	32A	2000VDC	aR	11	18	220	645
	190M2049	RDF0-40A/2000VDC0LKN/195	40A	2000VDC	aR	12	20	390	1140
	190M2050	RDF0-50A/2000VDC0LKN/195	50A	2000VDC	aR	17	23	610	1780
	190M2051	RDF0-63A/2000VDC0LKN/195	63A	2000VDC	aR	20	39	1030	3000
	190M2052	RDF0-80A/2000VDC0LKN/195	80A	2000VDC	aR	28	53	1555	4550
	190M2053	RDF0-100A/2000VDC0LKN/195	100A	2000VDC	aR	33	63	2680	7840
	190M2054	RDF0-125A/2000VDC0LKN/195	125A	2000VDC	aR	42	79	4110	12020
	190M2055	RDF0-160A/2000VDC0LKN/195	160A	2000VDC	aR	45	87	6620	19360
	190M2056	RDF0-200A/2000VDC0LKN/195	200A	2000VDC	aR	50	95	10720	31360
	190M2057	RDF0-215A/2000VDC0LKN/195	215A	2000VDC	aR	51	97	21870	64000
3LKN/195 Double Slotted Tag 双孔母线型	190M2039	RDF3-160A/2000VDC3LKN/195	160A	2000VDC	aR	68	91	7875	75960
	190M2040	RDF3-200A/2000VDC3LKN/195	200A	2000VDC	aR	85	113	12300	118670
	190M2041	RDF3-250A/2000VDC3LKN/195	250A	2000VDC	aR	100	133	21870	211000
	190M2042	RDF3-315A/2000VDC3LKN/195	315A	2000VDC	aR	119	158	38880	375110
	190M2043	RDF3-400A/2000VDC3LKN/195	400A	2000VDC	aR	148	176	65710	633965
23LKN/195 双并母线型	190M2044	RDF23-500A/2000VDC23LKN/195	500A	2000VDC	aR	109	230	105851	163010
	190M2045	RDF23-600A/2000VDC23LKN/195	600A	2000VDC	aR	153	305	188179	289769

Description 描述:

A rang of square body high speed traction fuse links for superior protection of DC third rail applications up to 2000V DC.用于2000VDC 轨道牵引保护。

Standards/approvals 执行标准: IEC60269; GB1353.4

Tested breaking capacity分断能力:

100KA at 2000VDC<L/R< 15ms

100KA at 1500VDC L/R< 30ms

Technical data技术数据:

Rated voltage电压 2000V dc

Rated current电流 20A~600A

Typical application 典型应用:

Converters protection 变频器.保护

Class of operation 类别: aR

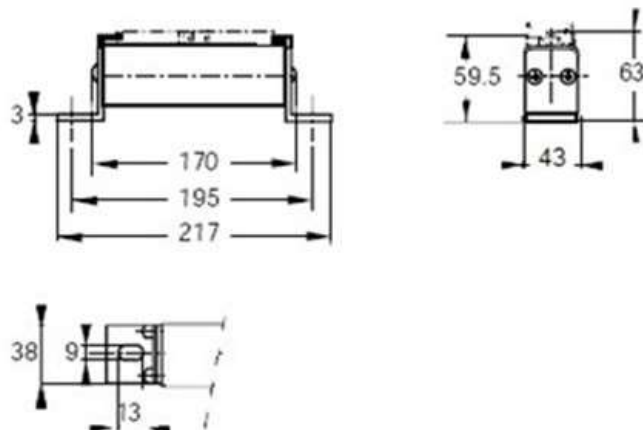


名称: 西安开尔泰电力电子制造有限公司 主页: <http://www.kaiertelectric.com>
 电话: 029-86319515、029-86214655、029-86113970 传真: 029-86629371
 地址: 西安市经济技术开发区高铁新城草滩三路 588 号 A5-3 QQ:645788944

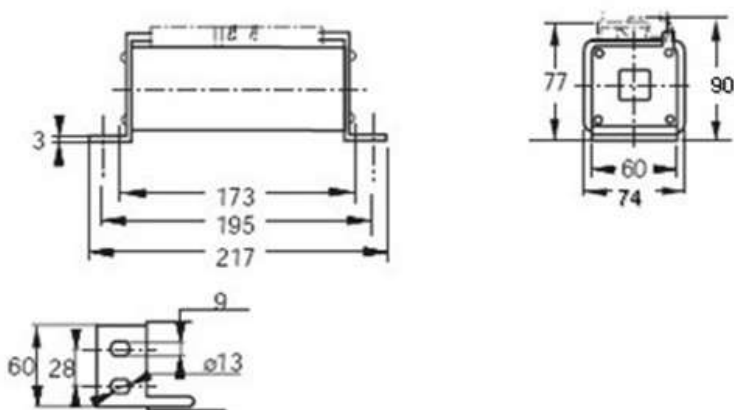
邮箱:kaiert@sina.com
 手机: 13109528822
 邮编: 710018

Main Characteristics Voltage电压1500V~2000VDC Current电流范围 from 20A to 600A

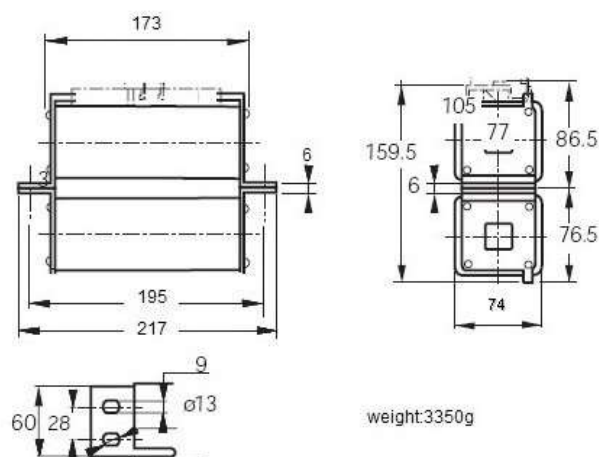
Dimensions(mm)安装尺寸示意图:(0LKN/195)



Dimensions(mm)安装尺寸示意图:(3LKN/195)



Dimensions(mm)安装尺寸示意图:(23LKN/195)



Main Characteristics Voltage电压1500V~2000VDC Current电流范围 from 20A to 80A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Class 类别	Watts Loss 功耗(W)		I²t 熔断I²t(A²S)	
						0.8I _n	I _n	2000VDC L/R=15ms	2000VDC L/R=45ms
DIN1-345 Knife Blade Style 刀型	190E3977	KHD1-10A/2000VDCDIN345	10A	2000VDC	gR	3.9	7	27	89
	190E3982	KHD1-12A/2000VDCDIN345	12A	2000VDC	gR	4.5	8	42	139
	190E3971	KHD1-16A/2000VDCDIN345	16A	2000VDC	gR	6.2	11	75	248
	190E3906	KHD1-20A/2000VDCDIN345	20A	2000VDC	gR	7.3	13	120	310
	190E3907	KHD1-25A/2000VDCDIN345	25A	2000VDC	gR	9.5	17	180	310
	190E3908	KHD1-32A/2000VDCDIN345	32A	2000VDC	gR	12.5	22	350	610
	190E3909	KHD1-40A/2000VDCDIN345	40A	2000VDC	gR	15	27	580	1000
	190E3910	KHD1-50A/2000VDCDIN345	50A	2000VDC	gR	18.9	34	1030	1800
	190E3911	KHD1-63A/2000VDCDIN345	63A	2000VDC	gR	24	43	1600	2800
	190E3912	KHD1-80A/2000VDCDIN345	80A	2000VDC	gR	28	50	3100	5400

Description 描述:

A rang of square body high speed traction fuse links for superior protection of DC third rail applications up to 2000V DC.用于2000VDC 轨道牵引保护。

Standards/approvals 执行标准: IEC60269; GB1353.4

Tested breaking capacity分断能力:

40KA at 2000VDC L/R 30ms

Technical date技术数据:

Rated voltage电压 2000V dc

Rated current电流 10A~80A

Typical application 典型应用:

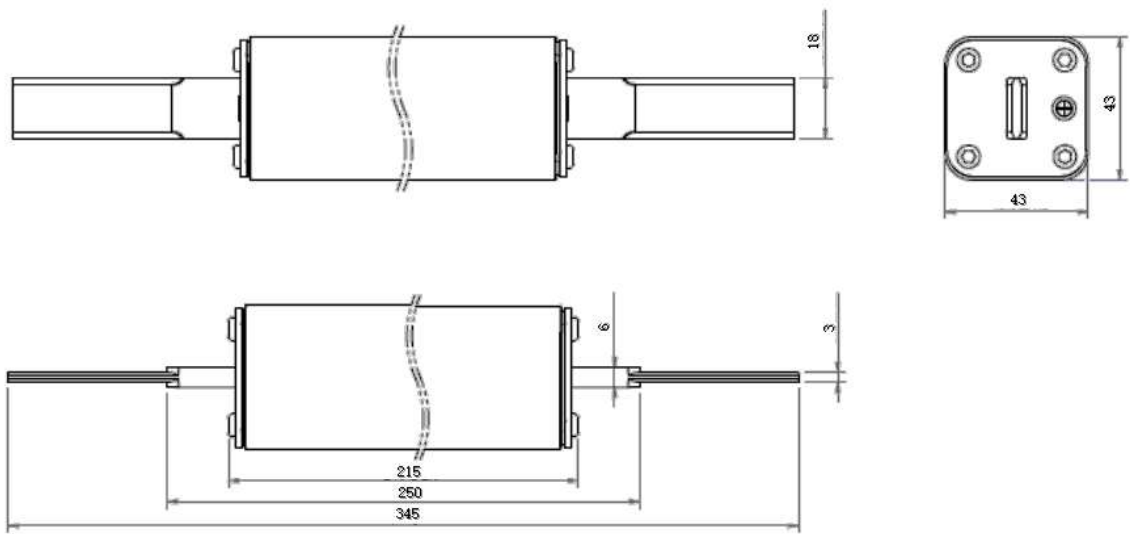
Auxiliary converter 辅助变流器

Power distribution converters 大功率变频器.

Lights 光源

Class of operation 类别: gR

Dimensions(mm)安装尺寸示意图:(DIN1-345)



Main Characteristics Voltage电压1500V~2000VDC Current电流范围 from 10A to 125A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Class 类别	Watts Loss 功耗(W)		I ² t 熔断I ² t(A ² S)	
						0.8I _n	I _n	2000VDC L/R=15ms	2000VDC L/R=45ms
1LKN/246 Bolted Blade Style 片式螺栓型	190E3937	RDF1-20A/2000VDC1LKN/246	20A	2000VDC	aR	6.5	13	63	107
	190E3938	RDF1-25A/2000VDC1LKN/246	25A	2000VDC	aR	8	16	100	175
	190E3939	RDF1-32A/2000VDC1LKN/246	32A	2000VDC	aR	10	20	150	255
	190E3940	RDF1-40A/2000VDC1LKN/246	40A	2000VDC	aR	13	25	295	530
	190E3941	RDF1-50A/2000VDC1LKN/246	50A	2000VDC	aR	16	32	485	830
	190E3942	RDF1-63A/2000VDC1LKN/246	63A	2000VDC	aR	20	40	860	1460
	190E3943	RDF1-80A/2000VDC1LKN/246	80A	2000VDC	aR	26	51	1330	2266
	190E3944	RDF1-100A/2000VDC1LKN/246	100A	2000VDC	aR	29	64	2128	3618
	190E3945	RDF1-125A/2000VDC1LKN/246	125A	2000VDC	aR	41	80	3192	5426
1LKN/246 Bolted Blade Style 片式螺栓型	190E3976	RDF1-10A/2000VDC1LKN/246	10A	2000VDC	gR	3.9	7	27	89
	190E3970	RDF1-16A/2000VDC1LKN/246	16A	2000VDC	gR	6.1	11	42	139
	190E3950	RDF1-20A/2000VDC1LKN/246	20A	2000VDC	gR	7.2	13	75	248
	190E3951	RDF1-25A/2000VDC1LKN/246	25A	2000VDC	gR	9.5	17	120	310
	190E3952	RDF1-32A/2000VDC1LKN/246	32A	2000VDC	gR	12.3	22	180	310
	190E3953	RDF1-40A/2000VDC1LKN/246	40A	2000VDC	gR	15	27	350	610
	190E3954	RDF1-50A/2000VDC1LKN/246	50A	2000VDC	gR	18.9	34	580	1000
	190E3955	RDF1-63A/2000VDC1LKN/246	63A	2000VDC	gR	23.9	43	1030	1800
	190E3956	RDF1-80A/2000VDC1LKN/246	80A	2000VDC	gR	27.8	50	1600	2800

Description 描述:

A rang of square body high speed traction fuse links for superior protection of DC third rail applications up to 2000V DC.用于2000VDC 轨道牵引保护。

Standards/approvals 执行标准: IEC60269;

Tested breaking capacity分断能力:

40KA at 2000VDC L/R 30ms

Technical data技术数据:

Rated voltage电压 2000V dc

Rated current电流 10A~125A

Typical application 典型应用:

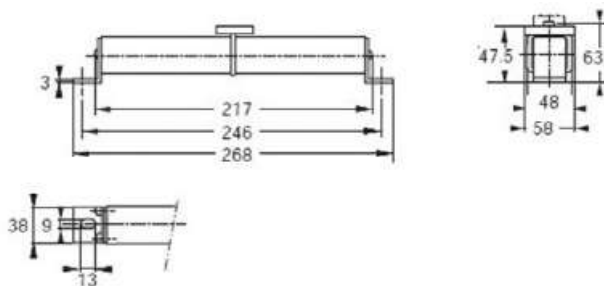
Auxiliary converter 辅助变流器

Power distribution converters

大功率变频器。

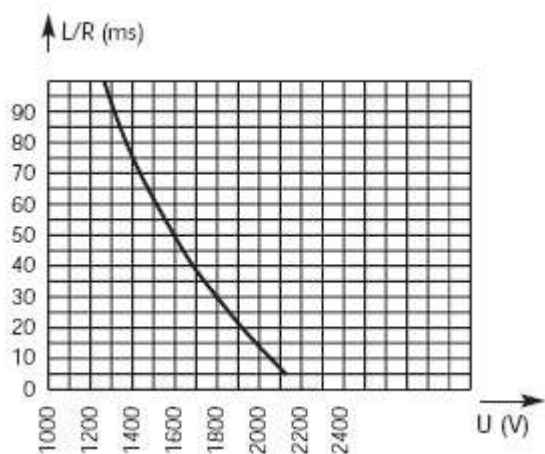
Lights 光源Class of operation 类别: aR/gR

Dimensions(mm)安装尺寸示意图:(1LKN/246)



Main Characteristics Voltage电压1500V~2000VDC Current电流范围 from 10A to 125A

DC applications data 直流应用数据



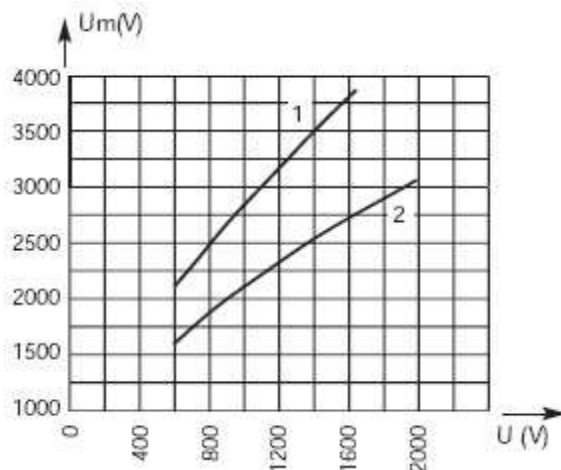
Above: Curve indicates maximum permissible value of time constant

L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

1500 V with breaking capacity of 100 kA

Peak arc voltage vs. working voltage

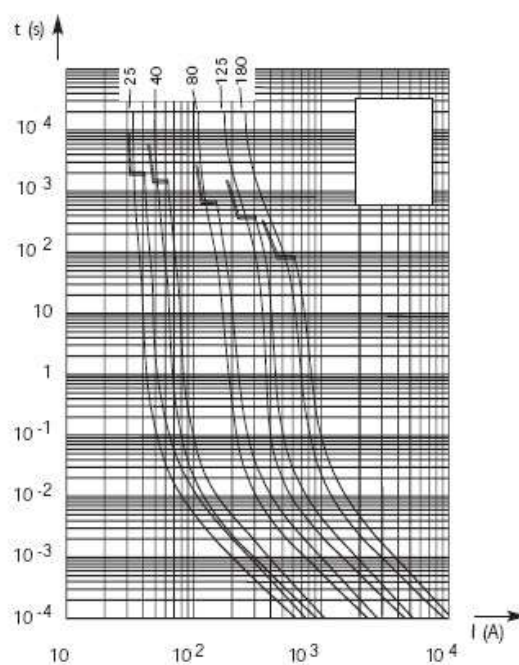
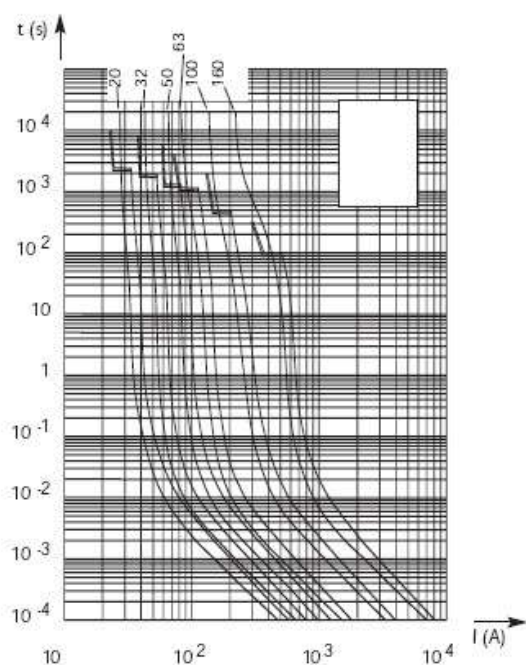


1 : L/R = 45 ms 2 : L/R = 15 ms

Above: Curves indicate for various time constants

L/R the peak arc voltage ,which may appear across fuse terminals, vs. DC working voltage

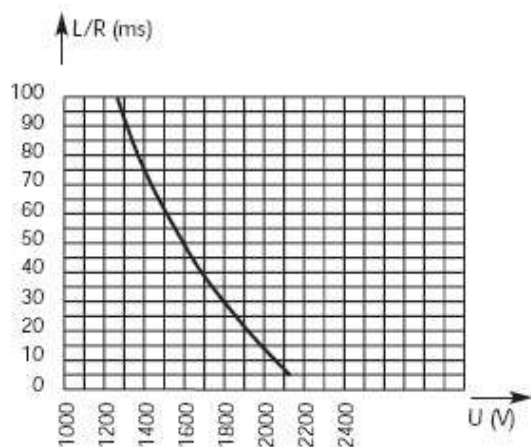
Time vs current characteristic 时间电流特性曲线:



Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

Main Characteristics Voltage电压1500V~2000VDC Current电流范围 from 20A to 600A

DC applications data 直流应用数据



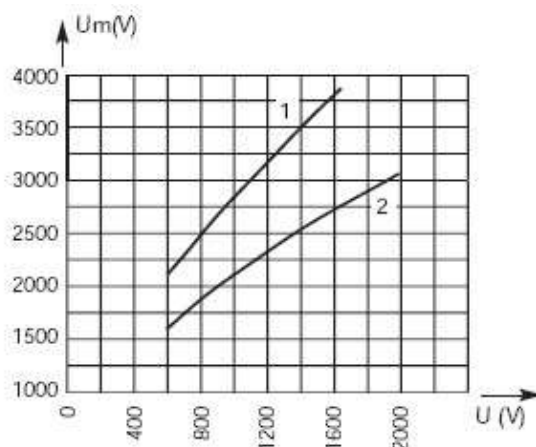
Above: Curve indicates maximum permissible value of time constant

L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

1500 V with breaking capacity of 100 kA

Peak arc voltage vs. working voltage

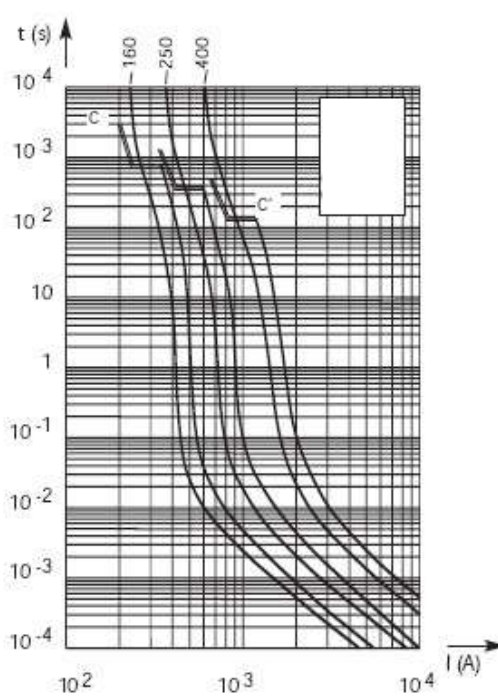
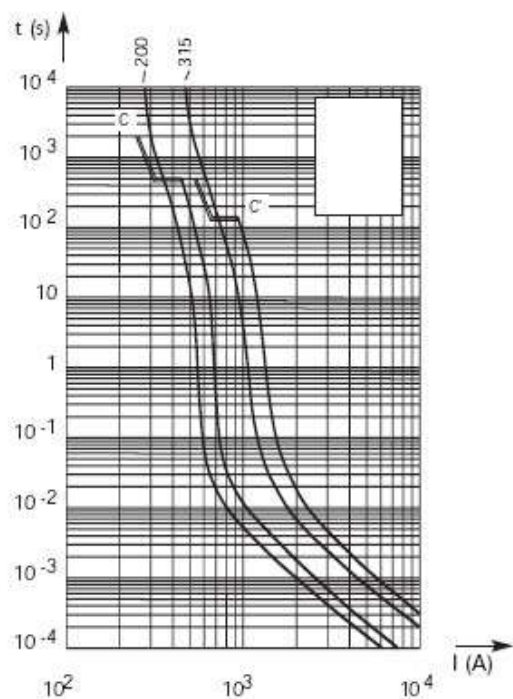


1 : L/R = 45 ms 2 : L/R = 15 ms

Above: Curves indicate for various time constants

L/R the peak arc voltage ,which may appear across fuse terminals, vs. DC working voltage

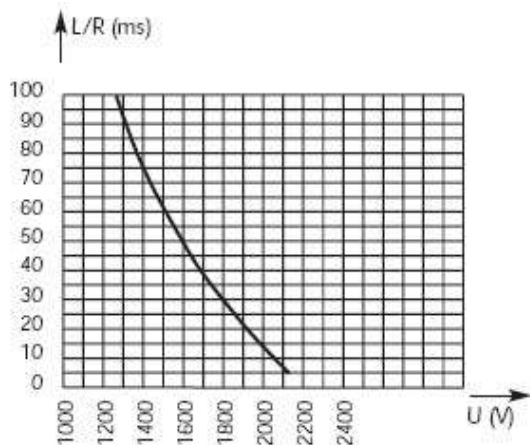
Time vs current characteristic 时间电流特性曲线:



Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

Main Characteristics Voltage电压1500V~2000VDC Current电流范围 from 20A to 600A

DC applications data



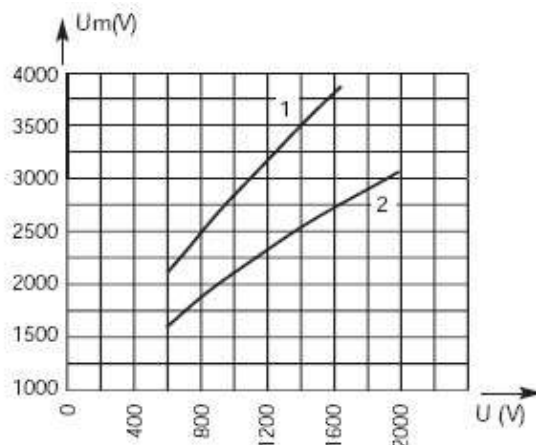
Above: Curve indicates maximum permissible value of time constant

L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

1500 V with breaking capacity of 100 kA

Peak arc voltage vs. working voltage

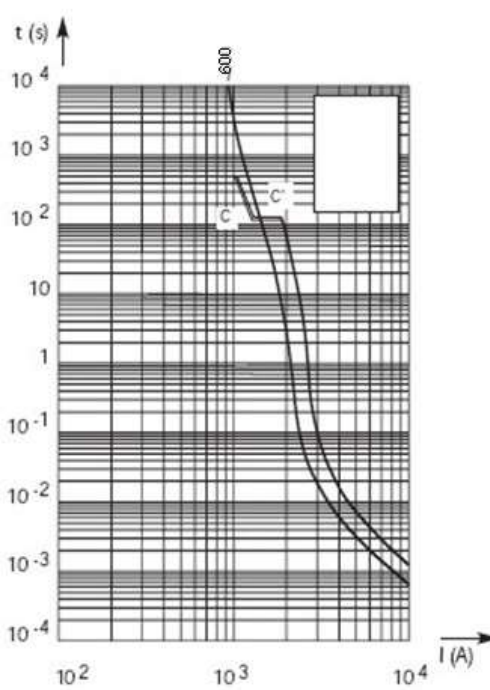
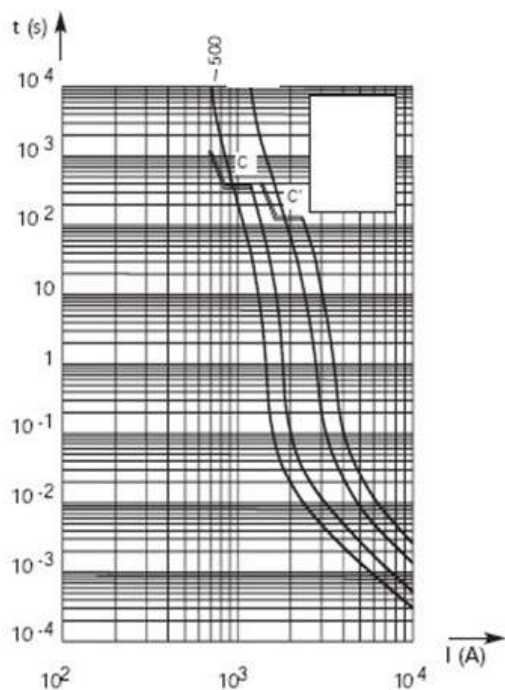


1 : L/R = 45 ms 2 : L/R = 15 ms

Above: Curves indicate for various time constants

L/R the peak arc voltage, which may appear across fuse terminals, vs. DC working voltage

Time vs current characteristic 时间电流特性曲线:



Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

Main Characteristics Voltage电压2200V~2400VDC Current电流范围 from 100A to 400A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Class 类别	Watts Loss 功耗(W)		I²t 熔断I²t(A²S)	
						0.8I _n	I _n	Pre-arcing I²t (A²S)	Total I²t (A²S)
3LKN/246 Double Slot Tag 双孔螺栓型	190M2090	RDF3-100A/2400VDC3LKN/246	100A	2400VDC	aR	20	39	5468	15457
	190M2091	RDF3-160A/2400VDC3LKN/246	160A	2400VDC	aR	43	84	16427	46439
	190M2092	RDF3-200A/2400VDC3LKN/246	200A	2400VDC	aR	53	97	25667	72561
	190M2093	RDF3-250A/2400VDC3LKN/246	250A	2400VDC	aR	60	103	36960	104488
	190M2094	RDF3-315A/2400VDC3LKN/246	315A	2400VDC	aR	82	162	66977	189346
	190M2095	RDF3-350A/2400VDC3LKN/246	350A	2400VDC	aR	89	175	87480	247309
	190M2096	RDF3-400A/2400VDC3LKN/246	400A	2400VDC	aR	103	203	110717	313000

Description 描述:

A rang of square body high speed traction fuse links for superior protection of DC third rail applications up to 2400V DC.用于2400VDC 轨道牵引保护。

Standards/approvals 执行标准: IEC60269; GB1353.4

Class of operation 类别: aR

Dimensions(mm)安装尺寸示意图:(3LKN/246)

Tested breaking capacity分断能力:

100KA at 2400VDC L/R< 15ms

100KA at 2000VDC L/R< 45ms

Technical date技术数据:

Rated voltage电压 2400V dc

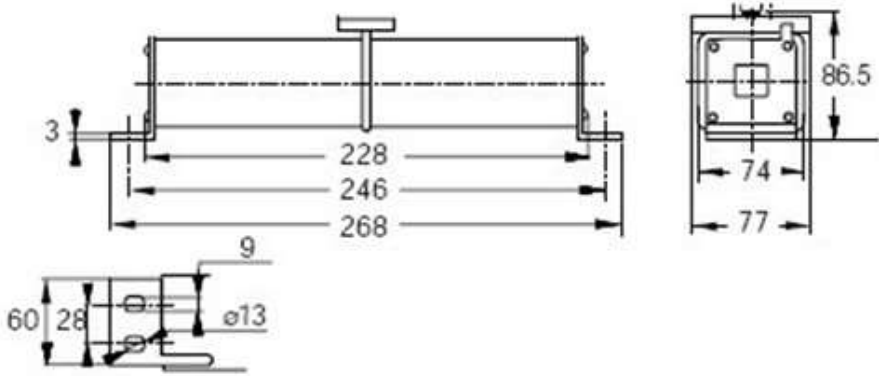
Rated current电流 100A~400A

Typical application 典型应用:

Protection of high speed DC breakers in low time constant, high fault conditions

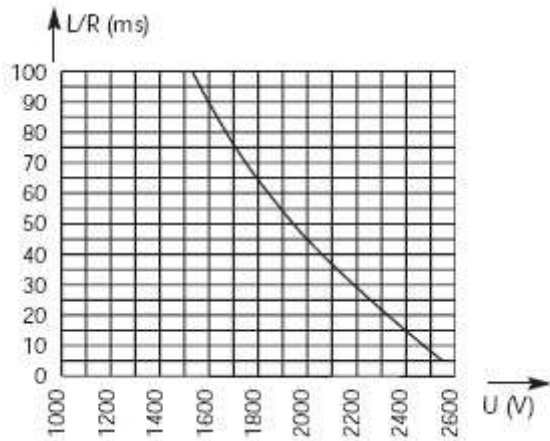
时间常数低、高故障回路快速保护。

Pantograph 受电弓保护



Main Characteristics Voltage电压2200V~2400VDC Current电流范围 from 100A to 400A

DC applications data 直流应用数据



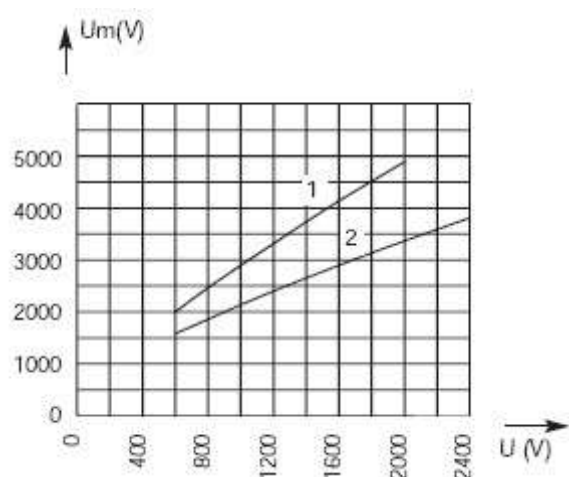
Above: Curve indicates maximum permissible value of time constant

L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

1500 V with breaking capacity of 100 kA

Peak arc voltage vs. working voltage

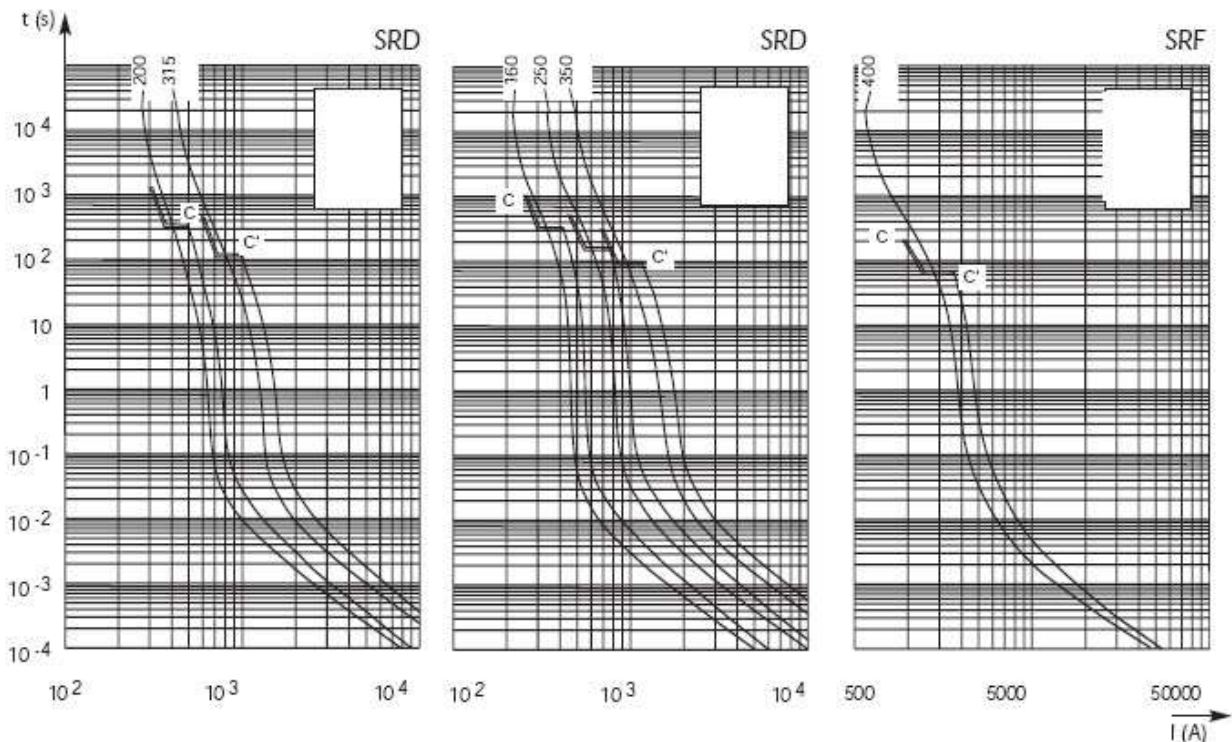


1 : L/R = 45 ms 2 : L/R = 15 ms

Above: Curves indicate for various time constants

L/R the peak arc voltage, which may appear across fuse terminals, vs. DC working voltage

Time vs current characteristic 时间电流特性曲线:



Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

Main Characteristics 技术参数 Voltage电压 4000VDC Current电流范围 from 20A to 125A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Class 类别	Watts Loss 功耗(W)	
						0.8I _n	I _n
DIN1-495 Knife Blade Style 刀型	190E3924	KHD1-20A/4000VDCDIN495	20A	4000VDC	aR	11W	23W
	190E3925	KHD1-25A/4000VDCDIN495	25A	4000VDC	aR	13W	28W
	190E3926	KHD1-32A/4000VDCDIN495	32A	4000VDC	aR	17W	34W
	190E3927	KHD1-40A/4000VDCDIN495	40A	4000VDC	aR	23W	45W
	190E3928	KHD1-50A/4000VDCDIN495	50A	4000VDC	aR	28W	57W
	190E3929	KHD1-63A/4000VDCDIN495	63A	4000VDC	aR	37W	72W
	190E3930	KHD1-80A/4000VDCDIN495	80A	4000VDC	aR	46W	91W
	190E3931	KHD1-100A/4000VDCDIN495	100A	4000VDC	aR	52W	114W
	190E3932	KHD1-125A/4000VDCDIN495	125A	4000VDC	aR	71W	143W

Description 描述:

A rang of square body high speed traction fuse links for superior protection of DC third rail applications up to 4000V DC.用于4000VDC 轨道牵引保护。

Standards/approvals 执行标准: IEC60269; GB1353.4

Tested breaking capacity分断能力:

50KA at 4000VDC L/R 10ms

Technical data技术数据:

Rated voltage电压 4000V dc

Rated current电流 10A~125A

Typical application 典型应用:

Auxiliary converter 辅助变流器

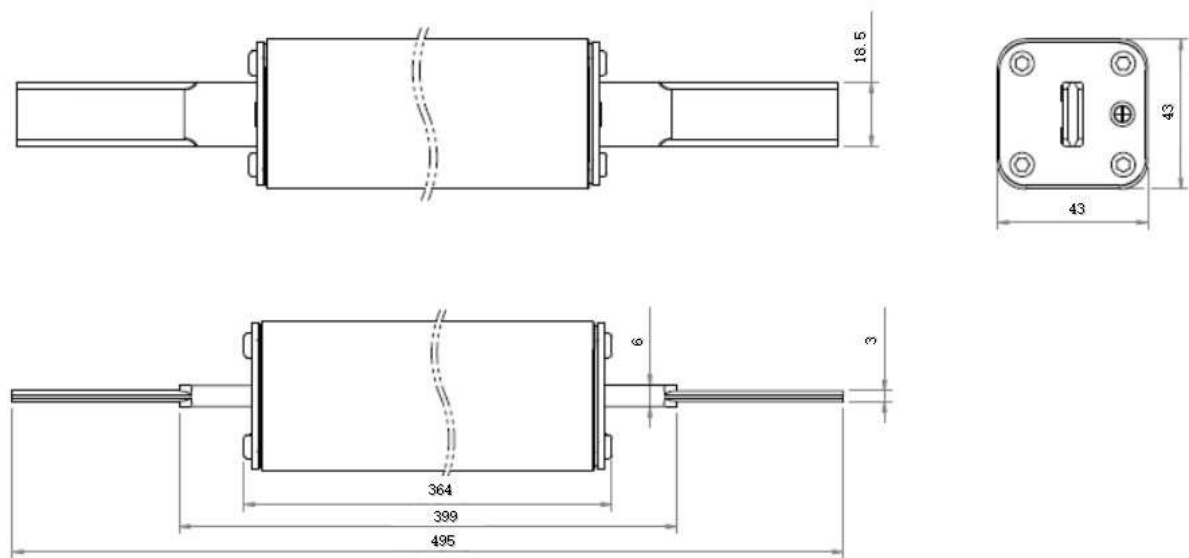
Power distribution converters

大功率变频器.

Lights 光源

Class of operation 类别: aR

Dimensions(mm)安装尺寸示意图:(DIN1-495)



Main Characteristics 技术参数 Voltage电压 4000VDC Current电流范围 from 20A to 450A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Class 类别	Watts Loss 功耗(W)	
						0.8I _n	I _n
0LKN/395 Bolted Blade Style 片式螺栓型	190E3914	RDF0-20A/4000VDC0LKN/395	20A	4000VDC	aR	11W	23W
	190E3915	RDF0-25A/4000VDC0LKN/395	25A	4000VDC	aR	13W	28W
	190E3916	RDF0-32A/4000VDC0LKN/395	32A	4000VDC	aR	17W	34W
	190E3917	RDF0-40A/4000VDC0LKN/395	40A	4000VDC	aR	23W	45W
	190E3918	RDF0-50A/4000VDC0LKN/395	50A	4000VDC	aR	28W	57W
	190E3919	RDF0-63A/4000VDC0LKN/395	63A	4000VDC	aR	37W	72W
	190E3920	RDF0-80A/4000VDC0LKN/395	80A	4000VDC	aR	46W	91W
	190E3921	RDF0-100A/4000VDC0LKN/395	100A	4000VDC	aR	52W	114W
	190E3922	RDF0-125A/4000VDC0LKN/395	125A	4000VDC	aR	71W	143W
3LKN/395 Double Slot Tag 双孔片型	190E8882	RDF3-160A/4000VDC3LKN/395	160A	4000VDC	aR	91W	182W
	190E8883	RDF3-200A/4000VDC3LKN/395	200A	4000VDC	aR	110W	228W
	190E8884	RDF3-250A/4000VDC3LKN/395	250A	4000VDC	aR	142W	285W
23LKN/395 Paralleldouble slot tag 双并型	190E8885	RDF23-315A/4000VDC23LKN/395	315A	4000VDC	aR	185W	360W
	190E8886	RDF23-350A/4000VDC23LKN/395	350A	4000VDC	aR	195W	400W
	190E8887	RDF23-400A/4000VDC23LKN/395	400A	4000VDC	aR	235W	455W
	190E8888	RDF23-450A/4000VDC23LKN/395	450A	4000VDC	aR	260W	515W

Description 描述:

A rang of square body high speed traction fuse links for superior protection of DC third rail applications up to 4000V DC.用于4000VDC 轨道牵引保护。

Standards/approvals 执行标准: IEC60269; GB1353.4

Tested breaking capacity分断能力:

60KA at 4000VDC L/R 25ms

Technical data技术数据:

Rated voltage电压 4000V dc

Rated current电流 20A~450A

Typical application 典型应用:

Auxiliary converter 辅助变流器

Power distribution converters

大功率变频器.

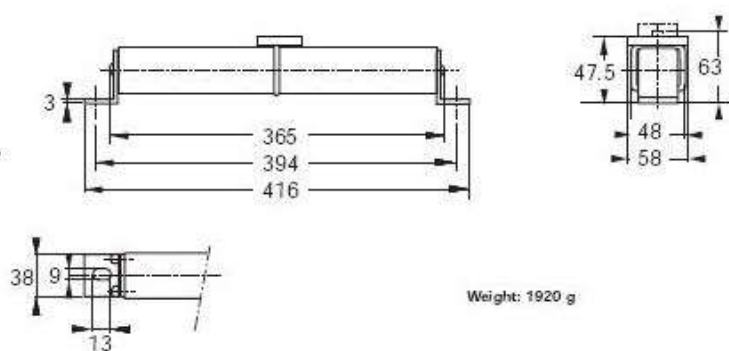
Lights 光源

Class of operation 类别: aR

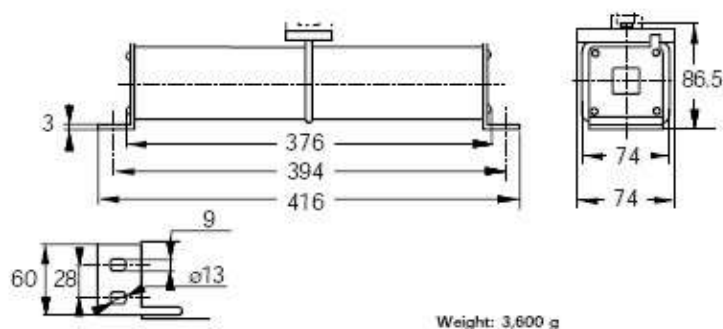


Main Characteristics 技术参数 Voltage 电压 4000VDC Current 电流范围 from 20A to 450A

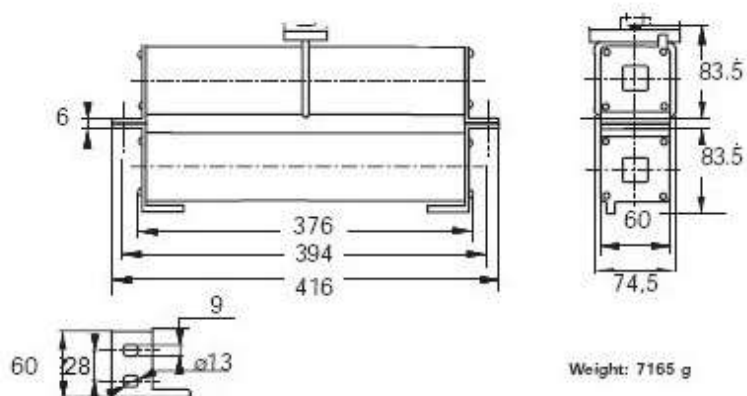
Dimensions(mm) 安装尺寸示意图: (0LKN/395)



Dimensions(mm) 安装尺寸示意图: (3LKN/395)

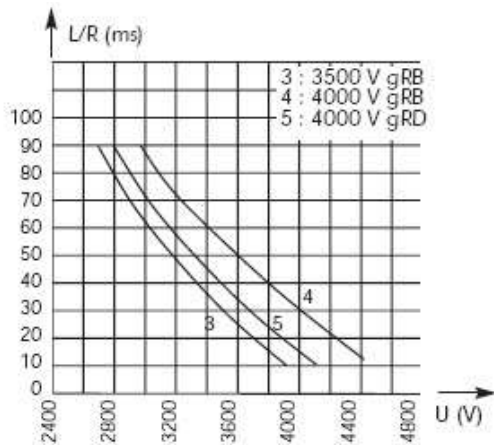


Dimensions(mm) 安装尺寸示意图: (23LKN/395)



Main Characteristics 技术参数 Voltage 电压 4000VDC Current 电流范围 from 20A to 450A

DC applications data 直流应用数据

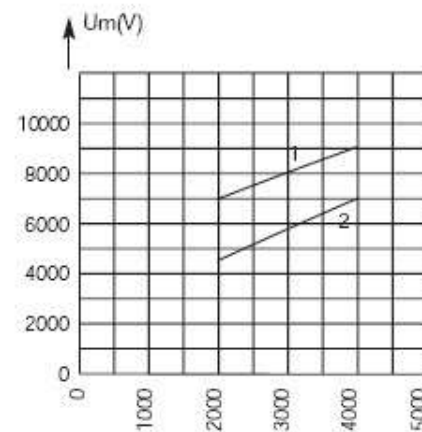


Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

3600 V with breaking capacity of 30 kA

Peak arc voltage vs. working voltage

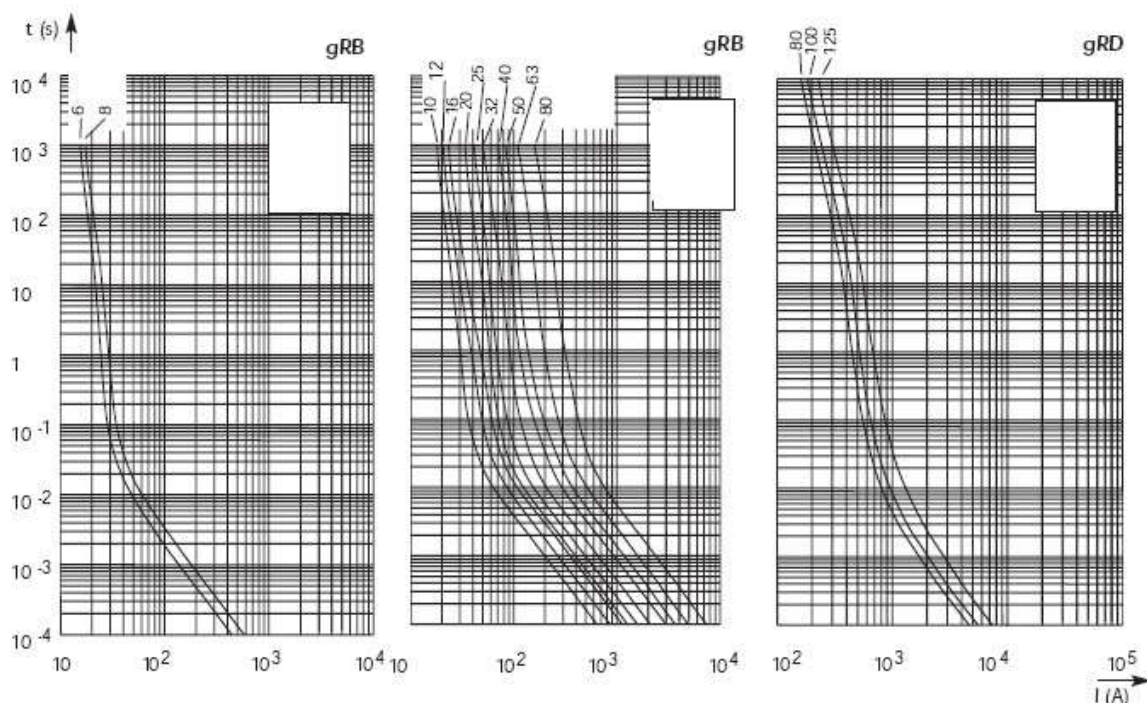


1、L/R = 30 ms-3500-4000 VgRB 2、L/R = 15 ms 4000 V gRD

Above: Curves indicate for various time constants

L/R the peak arc voltage, which may appear across fuse terminals, vs. DC working voltage

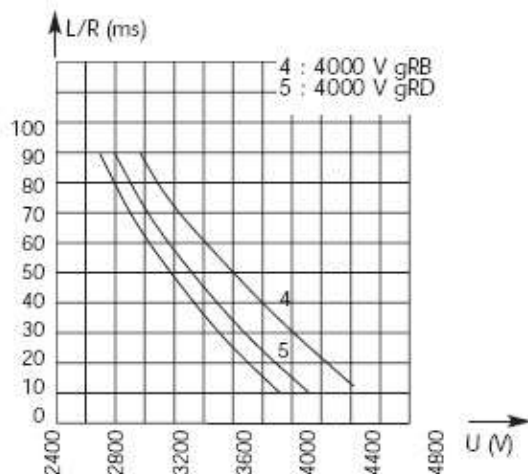
Time vs current characteristic 时间电流特性曲线:



Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

Main Characteristics 技术参数 Voltage 电压 4000VDC Current 电流范围 from 20A to 450A

DC applications data 直流应用数据

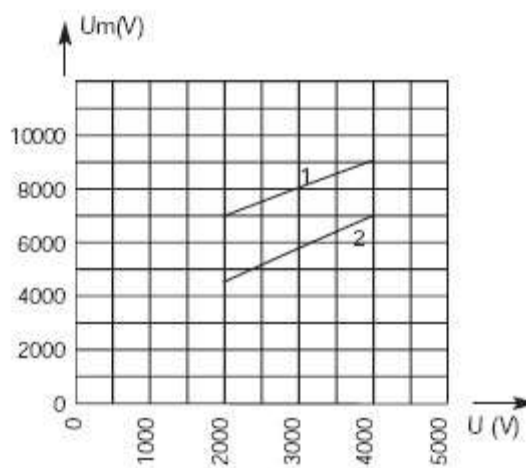


Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

3600 V with breaking capacity of 30 kA

Peak arc voltage vs. working voltage

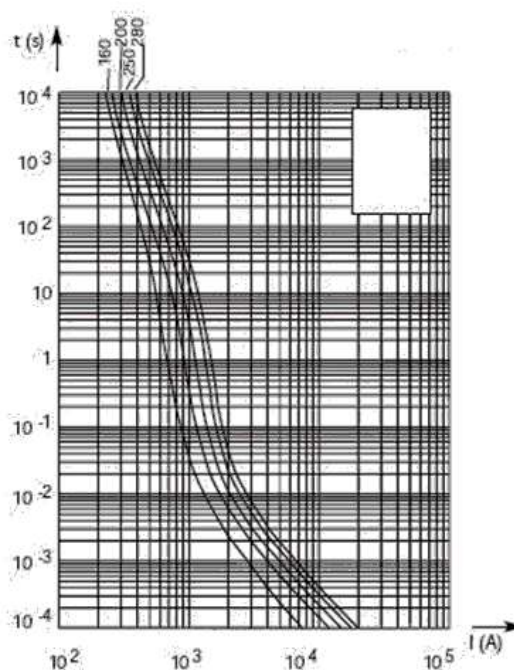
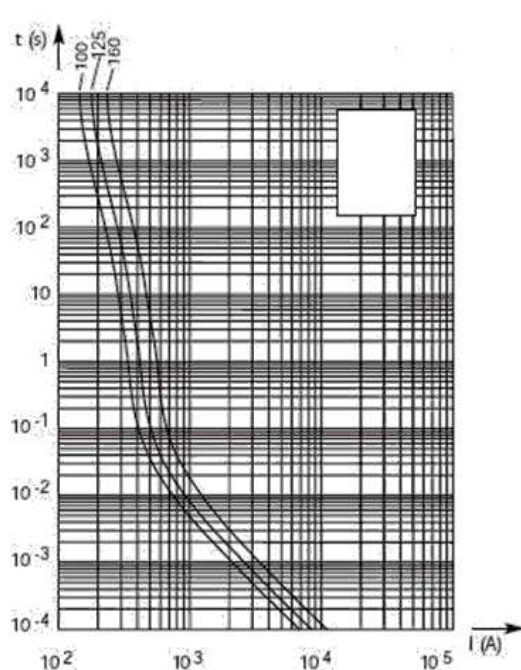


1、 $L/R = 30 \text{ ms}$ 4000 V gRB 2、 $L/R = 15 \text{ ms}$ 4000 V gRD

Above: Curves indicate for various time constants

L/R the peak arc voltage, which may appear across fuse terminals, vs. DC working voltage

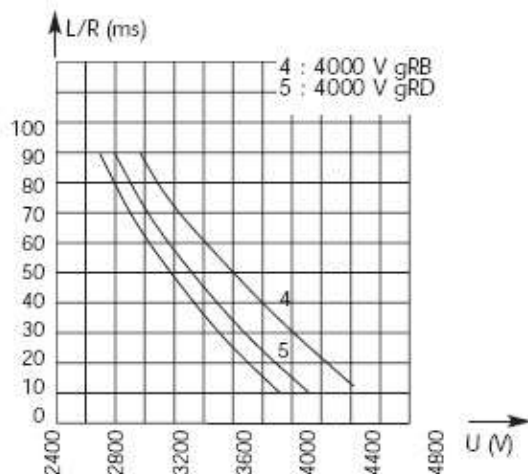
Time vs current characteristic 时间电流特性曲线:



Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

Main Characteristics 技术参数 Voltage 电压 4000VDC Current 电流范围 from 20A to 450A

DC applications data 直流应用数据

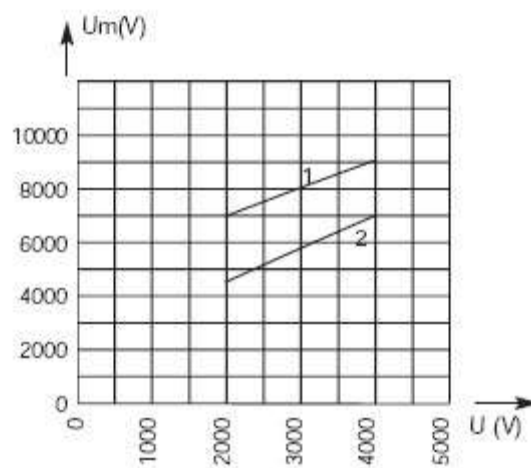


Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

3600 V with breaking capacity of 30 kA

Peak arc voltage vs. working voltage

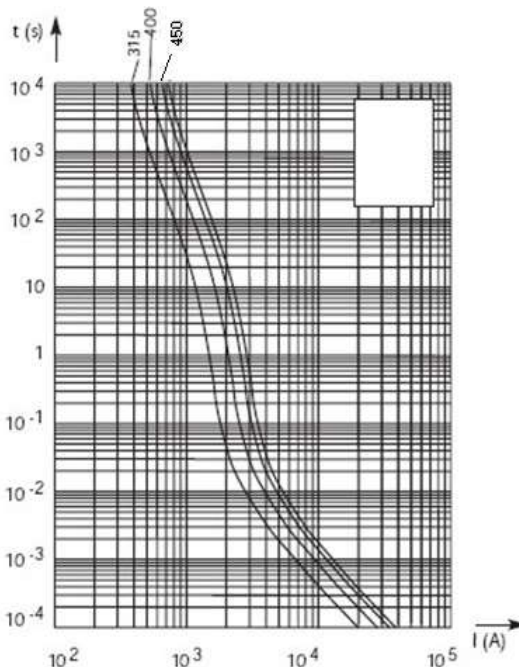
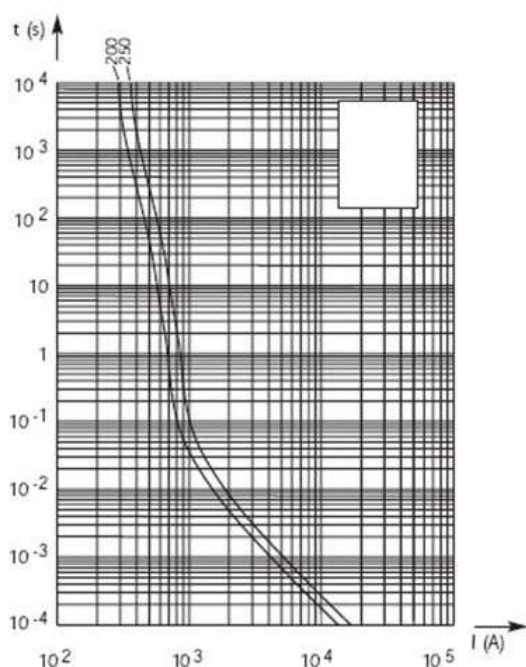


1、 $L/R = 30 \text{ ms}$ 4000 V gRB 2、 $L/R = 15 \text{ ms}$ 4000 V gRD

Above: Curves indicate for various time constants

L/R the peak arc voltage, which may appear across fuse terminals, vs. DC working voltage

Time vs current characteristic 时间电流特性曲线:



Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

Main Characteristics主要技术参数 750VDC 电流范围 from 5A to 60A Class类别: gG

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Class 类别	Watts Loss 功耗(W) In	750VDC熔断I ² t(A ² S)	
							Pre-arcing I ² t (A ² S)	Total I ² t (A ² S)
Φ20*127mm	KWK-5A20F	KD20-5A/750VDCΦ20*127gG50KA	5A	750VDC	gG	6.7W	8.5 A ² S	16 A ² S
	KWK-8A20F	KD20-8A/750VDCΦ20*127gG50KA	8A	750VDC	gG	8.8W	50 A ² S	100 A ² S
	KWK-10A20F	KD20-10A/750VDCΦ20*127gG50KA	10A	750VDC	gG	8.5W	95 A ² S	200 A ² S
	KWK-15A20F	KD20-15A/750VDCΦ20*127gG50KA	15A	750VDC	gG	5W	100 A ² S	240 A ² S
	KWK-20A20F	KD20-20A/750VDCΦ20*127gG50KA	20A	750VDC	gG	7.8W	125 A ² S	315 A ² S
	KWK-25A20F	KD20-25A/750VDCΦ20*127gG50KA	25A	750VDC	gG	6.5W	400 A ² S	1100 A ² S
	KWK-30A20F	KD20-30A/750VDCΦ20*127gG50KA	30A	750VDC	gG	6.5W	800 A ² S	2600 A ² S
Φ25*146mm	KWK-35A25F	KD25-35A/750VDCΦ25*146gG50KA	35A	750VDC	gG	6W	1300 A ² S	4300 A ² S
	KWK-40A25F	KD25-40A/750VDCΦ25*146gG50KA	40A	750VDC	gG	6.8W	1600 A ² S	5300 A ² S
	KWK-50A25F	KD25-50A/750VDCΦ25*146gG50KA	50A	750VDC	gG	7.3W	3100 A ² S	12000 A ² S
	KWK-60A25F	KD25-60A/750VDCΦ25*146gG50KA	60A	750VDC	gG	7.7W	5900 A ² S	24000 A ² S

Description 描述:

A rang of ferrule high speed fuse links for light rail application in auxiliary power and distribution equipment.用于辅助电源配电设备高速保护。

Standards/approvals 执行标准: IEC60269; GB1353.4

Tested breaking capacity分断能力:

50KA at 750VDC L/R10- 15ms

Technical data技术数据:

Rated voltage电压 750V dc

Rated current电流 5A~30A (20*127mm)

Rated current电流 35A~60A (25*146mm)

Typical application 典型应用:

Auxiliary power and distribution

辅助电源配电

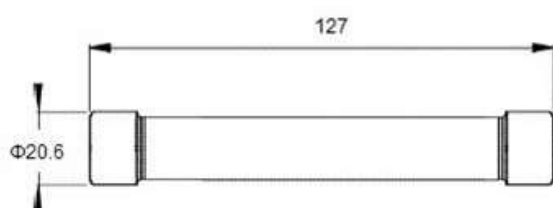
Heating Ventilation Air Conditioning

采暖通风空调

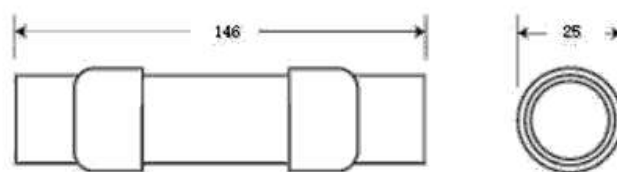
Instrumentation and control 仪器调试

Class of operation 类别: gG

Dimensions(mm)安装尺寸示意图



20*127mm安装示意图



25*146mm安装示意图



Main Characteristics主要技术参数 750VDC 电流范围 from 30A to 50A Class类别: gR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Class 类别	Watts Loss 功耗(W) In	750VDC熔断I²t(A²S)	
							Pre-arcing I²t (A²S)	Total I²t (A²S)
Φ27*127mm	30KRC750	KD20-30A/750VDCΦ27*127gR50KA	30A	750VDC	gR	4.5W	700A²S	2250A²S
	40KRC750	KD20-40A/750VDCΦ27*127gR50KA	40A	750VDC	gR	5.8W	1800A²S	5300A²S
	50KRC750	KD20-50A/750VDCΦ27*127gR50KA	50A	750VDC	gR	9.4W	3100A²S	12000A²S

Description 描述:

A rang of ferrule high speed fuse links for light rail application in auxiliary power and distribution equipment.用于辅助电源配电设备高速保护。

Standards/approvals 执行标准: IEC60269; GB1353.4

Tested breaking capacity分断能力:

50KA at 750VDC L/R15-20ms

Technical data技术数据:

Rated voltage电压 750V dc

Rated current电流 50A~50A (27*127mm)

Class of operation 类别: gR

Typical application 典型应用:

Auxiliary power and distribution

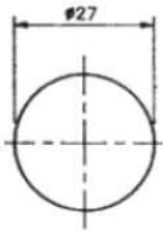
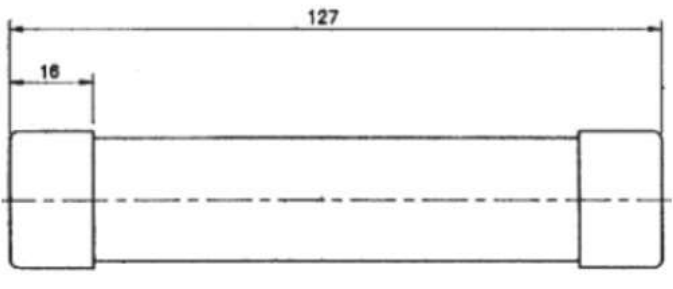
辅助电源配电

Heating Ventilation Air Conditioning

采暖通风空调

Instrumentation and control 仪器调试

Dimensions(mm)安装尺寸示意图



Main Characteristics主要技术参数 1000VDC 电流范围 from 2A to 30A Class类别: gG

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 (V)	Watts Loss 功耗 In	750VDC熔断I ² t(A ² S)	
						Pre-arcing I ² t (A ² S)	Total I ² t (A ² S)
Φ27*127 (mm) Without indication 无撞击器	KWS-2A20F	KD20-2A/1000VDCΦ27*127gG50KA	2A	2000VAC~1000VDC	4.4W	0.8	2.4
	KWS-6A20F	KD20-6A/1000VDCΦ27*127gG50KA	6A	2000VAC~1000VDC	6.7W	27	81
	KWS-8A20F	KD20-8A/1000VDCΦ27*127gG50KA	8A	1400VAC~1000VDC	7.6W	64	192
	KWS-10A20F	KD20-10A/1000VDCΦ27*127gG50KA	10A	1400VAC~1000VDC	3.0W	118	277
	KWS-12A20F	KD20-12A/1000VDCΦ27*127gG50KA	12A	1400VAC~1000VDC	3.4W	170	380
	KWS-15A20F	KD20-15A/1000VDCΦ27*127gG50KA	15A	1400VAC~1000VDC	5.0W	209	500
	KWL-20A20F	KD20-20A/1000VDCΦ27*127gG50KA	20A	1200VAC~1000VDC	5.9W	675	1550
	KWL-25A20F	KD20-25A/1000VDCΦ27*127gG50KA	25A	1200VAC~1000VDC	6.5W	1200	2760
Φ27*127 (mm) With indication 带撞击器	KWS-2A20FI	KD20-K-2A/1000VDCΦ27*127gG50KA	2A	2000VAC~1000VDC	4.4W	0.8	2.4
	KWS-6A20FI	KD20-K-6A/1000VDCΦ27*127gG50KA	6A	2000VAC~1000VDC	6.7W	27	81
	KWS-8A20FI	KD20-K-8A/1000VDCΦ27*127gG50KA	8A	1400VAC~1000VDC	7.6W	64	192
	KWS-10A20FI	KD20-K-10A/1000VDCΦ27*127gG50KA	10A	1400VAC~1000VDC	3.0W	118	277
	KWS-12A20FI	KD20-K-12A/1000VDCΦ27*127gG50KA	12A	1400VAC~1000VDC	3.4W	170	380
	KWS-15A20FI	KD20-K-15A/1000VDCΦ27*127gG50KA	15A	1400VAC~1000VDC	5.0W	209	500
	KWL-20A20FI	KD20-K-20A/1000VDCΦ27*127gG50KA	20A	1200VAC~1000VDC	5.9W	675	1550
	KWL-25A20FI	KD20-K-25A/1000VDCΦ27*127gG50KA	25A	1200VAC~1000VDC	6.5W	1200	2760
Φ27*127 (mm) With indication 带撞击器	KWL-30A20FI	KD20-K-30A/1000VDCΦ27*127gG50KA	30A	1200VAC~1000VDC	7.5W	1850	4300

Description 描述:

A rang of ferrule high speed fuse links for light rail application in auxiliary power and distribution equipment.用于辅助电源配电设备高速保护。

Standards/approvals 执行标准: IEC60269; GB1353.1

Tested breaking capacity分断能力:

50KA at 1000VDC L/R15ms

Technical data技术数据:

Rated voltage电压 1000V dc

Rated current电流 2A~30A (20*127mm)

Class of operation 类别: gG

Typical application 典型应用:

Auxiliary power and distribution

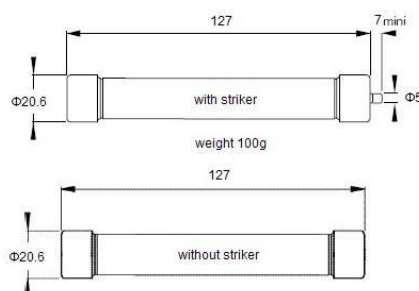
辅助电源配电

Heating Ventilation Air Conditioning

采暖通风空调

Instrumentation and control 仪器调试

Dimensions(mm)安装尺寸示意图

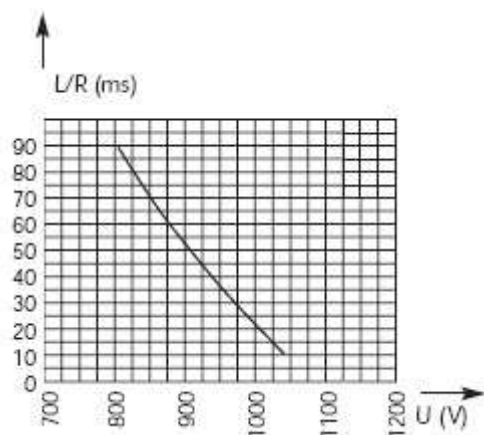


名称: 西安开尔泰电力电子制造有限公司 主页: <http://www.kaiertelectric.com>
 电话: 029-86319515、029-86214655、029-86113970 传真: 029-86629371
 地址: 西安市经济技术开发区高铁新城草滩三路 588 号 A5-3 QQ:645788944

邮箱:kaiert@sina.com
 手机: 13109528822
 邮编: 710018

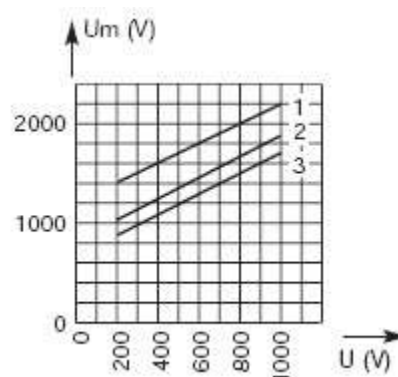
Main Characteristics 主要技术参数 1000VDC 电流范围 from 2A to 30A Class类别: gG

DC applications data 直流电压和时间常数曲线:

**Max. AC voltage (50/60 Hz):**

1500 V with breaking capacity of 100 kA

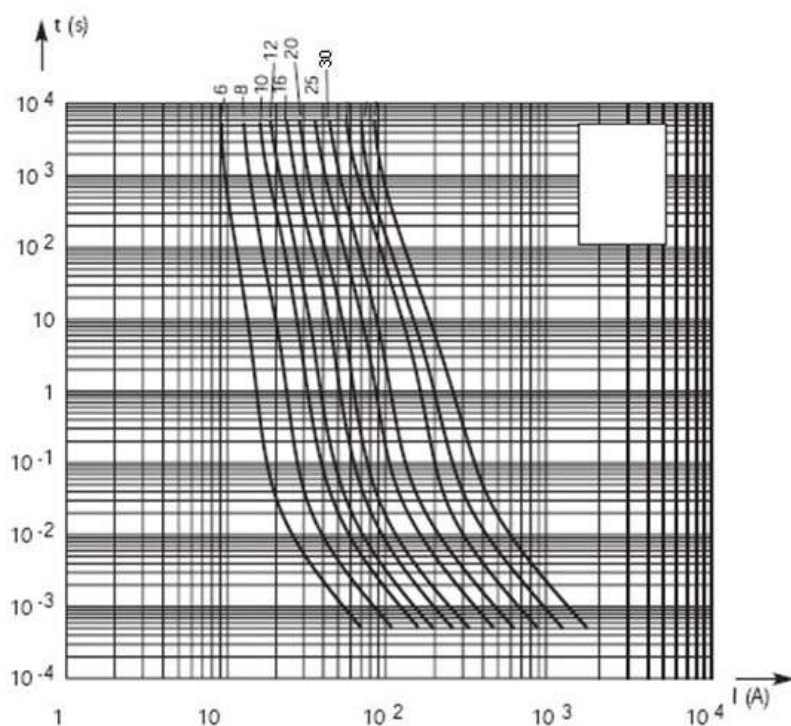
Peak arc voltage vs. working voltage 电弧电压和额定电压曲线



1、L/R = 50 ms 2、L/R = 25 ms 3、L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage which may appear across fuse terminals, vs. DC working voltage

Time vs. current characteristics 时间-电流特性曲线:



Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

Main Characteristics 主要技术参数 750VDC 电流范围 from 5A to 60A Class类别: gR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 (V)	Watts Loss 功耗 In	750VDC熔断I²t(A²S)	
						Pre-arcing I²t (A²S)	Total I²t (A²S)
Φ27*100 (mm) Without indication 无撞击器	5KT36	KZ27-5A/750VDCΦ27*100/123gR50KA	5A	750VDC	6.7W	8.5	16
	8KT36	KZ27-8A/750VDCΦ27*100/123gR50KA	8A	750VDC	8.8W	50	100
	10KT36	KZ27-10A/750VDCΦ27*100/123gR50KA	10A	750VDC	8.5W	95	200
	15KT36	KZ27-15A/750VDCΦ27*100/123gR50KA	15A	750VDC	5.0W	100	240
	20KT36	KZ27-20A/750VDCΦ27*100/123gR50KA	20A	750VDC	7.8W	125	315
	25KT36	KZ27-25A/750VDCΦ27*100/123gR50KA	25A	750VDC	6.5W	400	1100
	30KT36	KZ27-30A/750VDCΦ27*100/123gR50KA	30A	750VDC	6.5W	800	2600
	35KT36	KZ27-35A/750VDCΦ27*100/123gR50KA	35A	750VDC	6.0W	1300	4300
	40KT36	KZ27-40A/750VDCΦ27*100/123gR50KA	40A	750VDC	6.8W	1600	5300
	50KT36	KZ27-50A/750VDCΦ27*100/123gR50KA	50A	750VDC	7.3W	3100	12000
	60KT36	KZ27-60A/750VDCΦ27*100/123gR50KA	60A	750VDC	7.7W	5900	24000

Description 描述:

A rang of ferrule high speed fuse links for light rail application in auxiliary power and distribution equipment.用于辅助电源配电设备高速保护。

Standards/approvals 执行标准: IEC60269; GB1353.4

Tested breaking capacity分断能力:

50KA at 750VDC L/R=15~20ms

Technical date技术数据:

Rated voltage电压 750V dc

Rated current电流 5A~60A (27*100mm)

Class of operation 类别: gR

Typical application 典型应用:

Auxiliary power and distribution

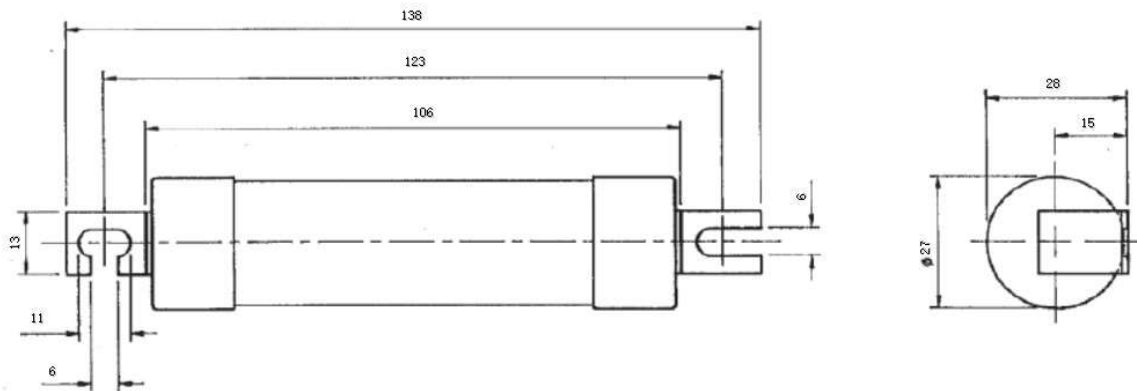
辅助电源配电

Heating Ventilation Air Conditioning

采暖通风空调

Instrumentation and control 仪器调试

Dimensions(mm)安装尺寸示意图:



Main Characteristics 主要技术参数750VDC电流范围 from 200A to 400A Class类别: gG

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 (V)	Watts Loss 功耗 In	750VDC熔断I²t(A²S)	
						Pre-arcing I²t (A²S)	Total I²t (A²S)
Φ73*100 (mm) Without indication 无撞击器	200RB	KD73-200A/750VDCΦ73*100/197gG50KA	200A	750VDC	31w	85000	28050
	250RB	KD73-250A/750VDCΦ73*100/197gG50KA	250A	750VDC	33w	225000	742500
	300RB	KD73-300A/750VDCΦ73*100/197gG50KA	300A	750VDC	37w	340000	1122000
	350RB	KD73-350A/750VDCΦ73*100/197gG50KA	350A	750VDC	41w	530000	1749000
	400RB	KD73-400A/750VDCΦ73*100/197gG50KA	400A	750VDC	48w	756000	2494800

Description 描述:

A rang of ferrule high speed fuse links for light rail application in auxiliary power and distribution equipment.用于辅助电源配电设备高速保护。

Standards/approvals 执行标准: IEC60269; GB1353.1

Tested breaking capacity分断能力:

50KA at 750VDC L/R=15~20ms

Technical data技术数据:

Rated voltage电压 750V dc

Rated current电流 200A~400A

Class of operation 类别: gG

Typical application 典型应用:

Auxiliary power and distribution

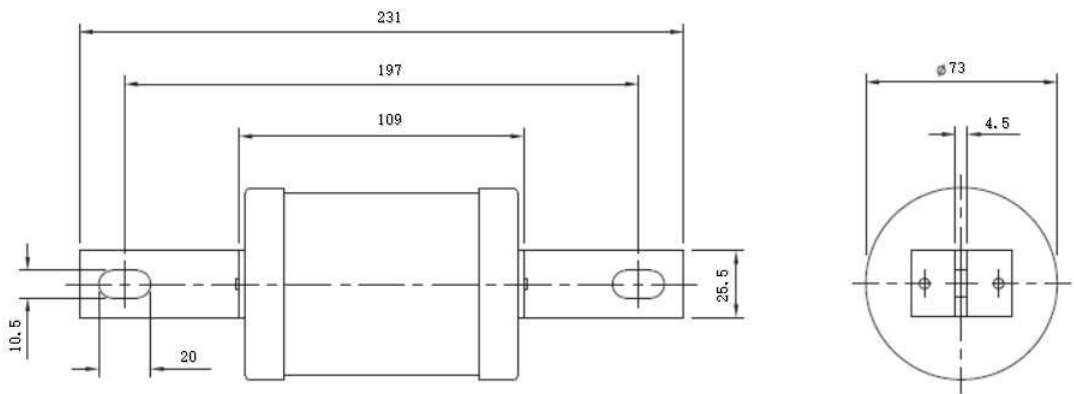
辅助电源配电

Heating Ventilation Air Conditioning

采暖通风空调

Instrumentation and control 仪器调试

Dimensions(mm)安装尺寸示意图:



Main Characteristics主要技术参数900VDC电流范围from 160A to 1000A Class类别aR/gR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 (V)	Class 类别	750VDC熔断I²t(A²S)	
						Pre-arcing I²t (A²S)	Total I²t (A²S)
Φ70*160 (mm)	SF75X160B	KRJ70-160A/900VDCΦ70*160/208gR80KA	160A	900VDC	gR	23000	90000
	SF75X250B	KRJ70-250A/900VDCΦ70*160/208gR80KA	250A	900VDC	gR	54000	205000
	SF75X500BW	KRJ70-500A/900VDCΦ70*160/208gR80KA	500A	900VDC	gR	150000	570000
Φ108*160 (mm)	SF75X600BW	KRJ108-600A/900VDCΦ108*160/208gR80KA	600A	900VDC	gR	585000	4000000
	SF75X800BW	KRJ108-800A/900VDCΦ108*160/208gR80KA	800A	900VDC	aR	1400000	9000000
	SF100X1000	KRJ108-1000A/900VDCΦ108*160/230gR80KA	1000A	900VDC	aR		
Φ108*160 (mm)	SF75X800BB	KRP108-800A/900VDCΦ108/162gR80KA	800A	900VDC	aR	1400000	9000000
	SF100X1000HP	KRP108-1000A/900VDCΦ108/162gR80KA	1000A	900VDC	aR		

Description 描述:

A rang of ferrule high speed fuse links for light rail application in auxiliary power and distribution equipment.用于辅助电源配电设备高速保护。

Standards/approvals 执行标准: IEC60269; GB1353.1

Tested breaking capacity分断能力:

80KA at 900VDC L/R=80ms

Technical data技术数据:

Rated voltage电压 900V dc

Rated current电流 160A~1000A

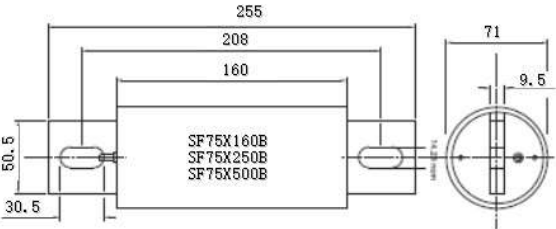
Typical application 典型应用:

Auxiliary feed 辅助电路回路保护

Main electrical feed 主电路回路保护

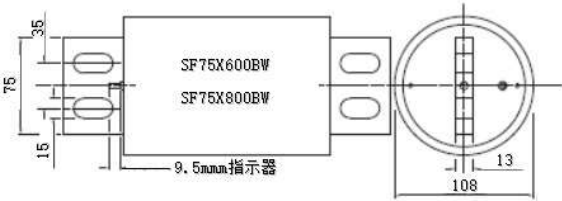
Class of operation 类别: aR/gR

Dimensions(mm)安装尺寸示意图:



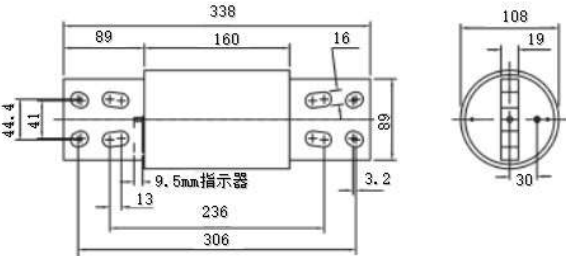
母线单孔连接

Blade contact: SF75X160B, SF75X250B, SF75X500B



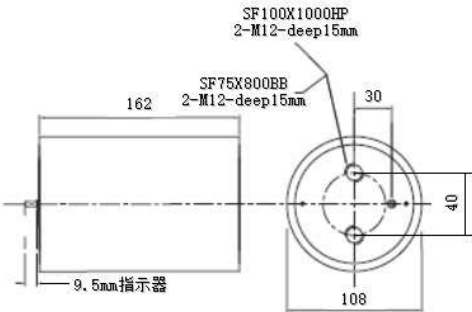
母线双孔连接

Blade contact: SF75X600BW and SF75X800BW



Blade contact: SF100X1000

母线四孔连接



Flush end: SF75X800BB and SF100X1000HP

平板双孔连接

Main Characteristics主要技术参数1500VDC 电流范围 from 25A to 200A Class类别: gR

Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流(A)	Voltage 电压(V)	Class 类别
KBC-25	KBC-25A/1500VDCgR80KA	25A	1500VDC	gR
KBC-60	KBC-60A/1500VDCgR80KA	60A	1500VDC	gR
KBC-70	KBC-70A/1500VDCgR80KA	70A	1500VDC	gR
KBC-100	KBC-100A/1500VDCgR80KA	100A	1500VDC	gR
KBC-150	KBC-150A/1500VDCgR80KA	150A	1500VDC	aR
KBC-200	KBC-200A/1500VDCgR80KA	200A	1500VDC	aR

Description 描述:

A rang of ferrule high speed fuse links for light rail application in auxiliary power and distribution equipment.用于辅助电源配电设备高速保护。

Standards/approvals 执行标准: IEC60269; GB1353.4

Tested breaking capacity分断能力:

80KA at 1500VDC L/R=80ms

Technical date技术数据:

Rated voltage电压 1500V dc

Rated current电流 25A~200A

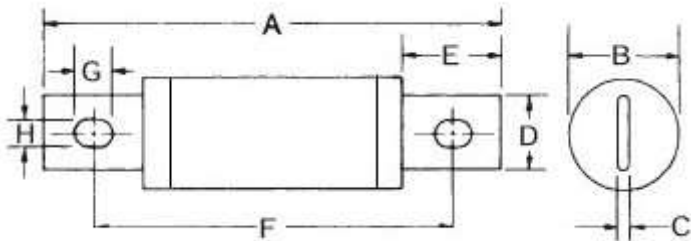
Typical application 典型应用:

Auxiliary feed 辅助电路回路保护

Main electrical feed 主电路回路保护

Class of operation 类别: gR

Dimensions(mm)安装尺寸示意图: Consult kaiert business 安装尺寸图:

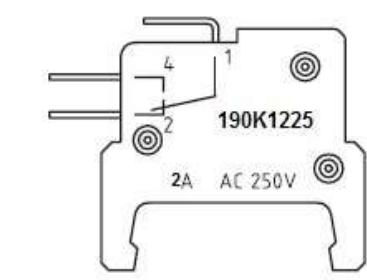


Catalog Numbers 订货号	A	B	C	D	E	F	G	H	安装中心距
KCB-25	180	Φ 30	2.5	17.5	21	156	9	9	156±1.5
KCB-60~KCB-100	195	Φ 40	4	24	28	164	15	11	164±1.5
KCB-150~KCB-200	195	Φ 50	4	32	28	164	15.5	11	164±1.5



Main Characteristics 主要技术参数 电压:1250VAC 电流范围:from 50A to 1400A 类别 Class: aR

Rated Voltage AC 250 V
M-Switch For Fuse-Links with Adapter / For Micro Switch Fitting



Rated Voltage	Breaking Capacity	
	Non Inductive Load	Inductive Load
AC 250 V	2 A	2 A

Rated Voltage	Breaking Capacity	
	Non Inductive Load	Inductive Load (L/R = 25 ms)
DC 250 V	200 mA	100 mA
DC 60 V	1 A	500 mA
DC 24 V	1.5 A	1.5 A



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