

Automotive Fuse Catalogue 、EV Fuse、HEV Fuse 电动汽车过电流保护熔断器系列

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6、陶瓷方型直流快速熔断器	750VDC~1000VDC	50A~1600A	gR 型 0BKN/130、1BKN/130、2BKN/130 3BKN/130、4BKN/130、5BKN/130、 6BKN/130、23KBN/130、3BKN/148	P51~P87

产品特性：最大分断能力 20kA~100KA；最小分断电流 135% ($I_n < 60A$)~200% ($I_n \geq 60A$)；高耐受电流循环冲击能力；较低的最小分断电流；满足 EV 行业所有电压平台及电流需求；低温升，低功耗；产品小型化，轻量化。

产品设计标准：JASO-D622，GB 31465，ISO 8820；2In，3In，5In 小电流分断；

汽车级震动要求；5 万次电流循环寿命；优越的极温性能。

应用领域：EV/HEV、动力电池包保护、动力电池充电、EV 系统高压配电箱 PDU/BDU 支路保护、EV 系统高压维修开关 MSD、储能系统。

安全、品质、伙伴！



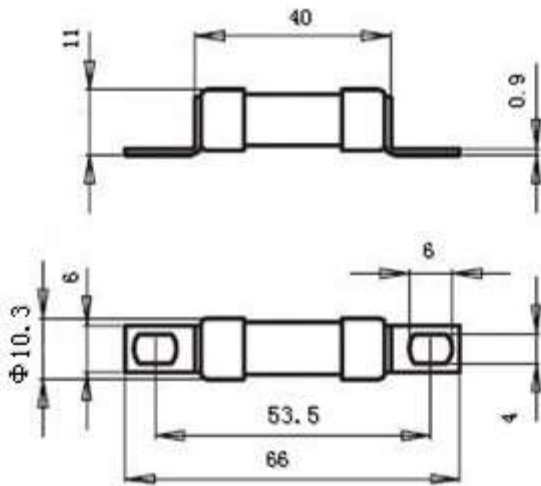
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Main Characteristics 技术参数: 电压等级:500VAC~500VDC电流范围:from 4A to 30A Class类别: gR
尺寸Size : $\Phi 10 \times 38$ 分断能力High interrupting rating100 kA.标准Standard IEC 60269-Part -4、BS 88 Part 4..

Catalog Numbers 订货号	Kaiert Type 型号规格	Rated Current I_N 电流(A)	Rating Voltage 电压 U_n (V)	Pre-arcting I^2t @1ms A^2S 弧前 I^2t	Total cleaing I^2t @ U_n A^2S 熔断 I^2t	Power Loss W 功耗	
						0.8 I_N	I_N
BS1003	BS10-3A/500VAC/DCgR100KA	3A	500VAC/DC	0.5 A^2S	3 A^2S	0.4W	1.0W
BS1004	BS10-4A500VAC/DCgR100KA	4A	500VAC/DC	0.7 A^2S	6 A^2S	0.5W	1.2W
BS1005	BS10-5A/500VAC/DCgR100KA	5A	500VAC/DC	1.3 A^2S	11 A^2S	0.6W	1.4W
BS1006	BS10-6A/500VAC/DCgR100KA	6A	500VAC/DC	1.8 A^2S	17 A^2S	0.7W	1.6W
BS1008	BS10-8A/500VAC/DCgR100KA	8A	500VAC/DC	4.8 A^2S	28 A^2S	0.8W	1.8W
BS1010	BS10-10A/500VAC/DCgR100KA	10A	500VAC/DC	5.3 A^2S	48 A^2S	1.2W	2.1W
BS1012	BS10-12A/500VAC/DCgR100KA	12A	500VAC/DC	7.4 A^2S	63 A^2S	1.6W	2.9W
BS1016	BS10-16A/500VAC/DCgR100KA	16A	500VAC/DC	10 A^2S	120 A^2S	2.1W	4.5W
BS1020	BS10-20A/500VAC/DCgR100KA	20A	500VAC/DC	17 A^2S	200 A^2S	2.9W	5.8W
BS1025	BS10-25A/500VAC/DCgR100KA	25A	500VAC/DC	40 A^2S	420 A^2S	3.2W	6.8W
BS1032	BS10-32A/500VAC/DCgR100KA	32A	500VAC/DC	60 A^2S	730 A^2S	4.0W	8.2W

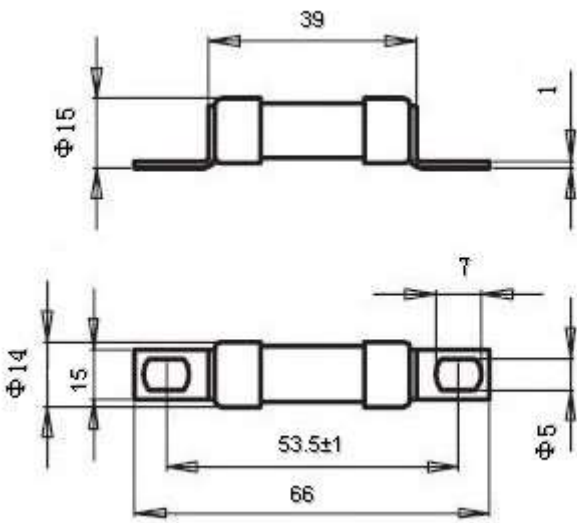
Dimensions 安装尺寸 (mm):



Main Characteristics 技术参数: 电压等级:660VAC~550VDC 电流范围:from 6A to 50A Class类别: gR
尺寸Size : $\Phi 14 \times 51$ 分断能力High interrupting rating 100 kA.标准Standard IEC 60269-Part -4、BS 88 Part 4.

Catalog Numbers 订货号	Kaiert Type 型号规格	Rated Current I_N 电流(A)	Rating Voltage 电压 U_n (V)	Pre-arcting I^2t @1ms A^2S 弧前 I^2t	Total cleaing I^2t @ U_n A^2S 熔断 I^2t	Power Loss W 功耗	
						0.8 I_n	I_n
BS1406	BS14-6A/500VAC/DCgR100KA	6A	500VAC/DC	3A ² S	18A ² S	0.5W	1.3W
BS1408	BS14-8A/500VAC/DCgR100KA	8A	500VAC/DC	5A ² S	27A ² S	0.8W	1.7W
BS1410	BS14-10A/500VAC/DCgR100KA	10A	500VAC/DC	8A ² S	48A ² S	1.1W	2.4W
BS1412	BS14-12A/500VAC/DCgR100KA	12A	500VAC/DC	12A ² S	93A ² S	1.2W	2.5W
BS1416	BS14-16A/500VAC/DCgR100KA	16A	500VAC/DC	21A ² S	150A ² S	1.9W	4.0W
BS1420	BS14-20A/500VAC/DCgR100KA	20A	500VAC/DC	32A ² S	250A ² S	2.1W	4.6W
BS1425	BS14-25A/500VAC/DCgR100KA	25A	500VAC/DC	63A ² S	400A ² S	2.6W	6.4W
BS1432	BS14-32A/500VAC/DCgR100KA	32A	500VAC/DC	104A ² S	680A ² S	3.8W	8.2W
BS1440	BS14-40A/500VAC/DCgR100KA	40A	500VAC/DC	140A ² S	1200A ² S	4.1W	9.1W
BS1450	BS14-50A/500VAC/DC gR100KA	50A	500VAC/DC	230A ² S	1600A ² S	5.8W	12W

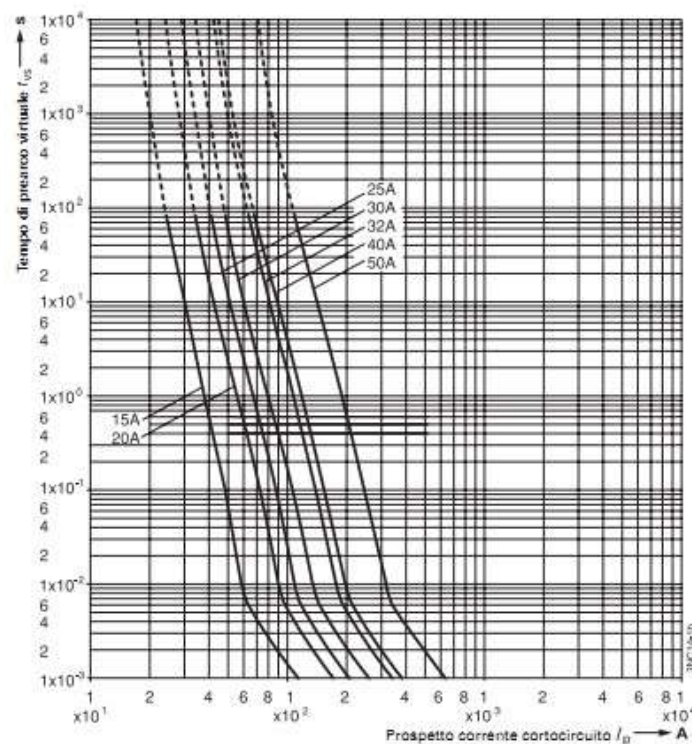
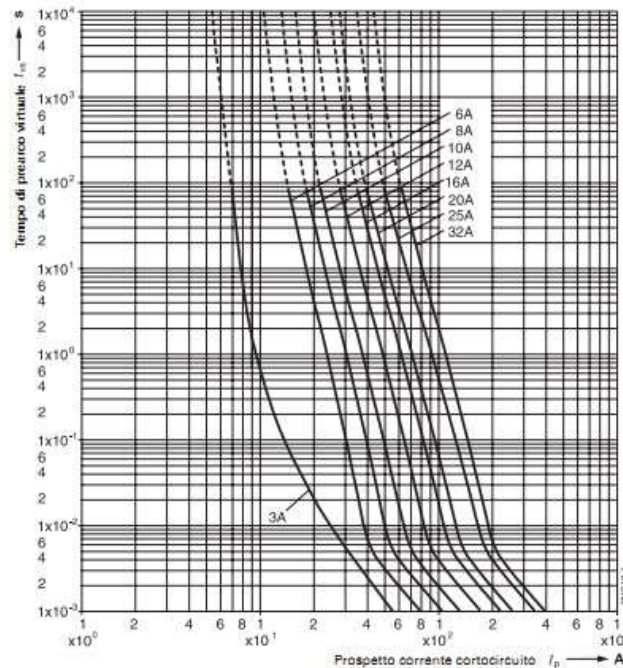
Dimensions 安装尺寸 (mm):



Main Characteristics 技术参数: 电压等级:660VAC~550VDC 电流范围:from 6A to 50A Class类别: gR

Size: $\Phi 10 \times 38$ 、 $\Phi 14 \times 51$ 分断能力 High interrupting rating 100 kA. 标准 Standard IEC 60269-Part -4、BS 88 Part 4.

Time-Current Characteristics: 时间-电流特性曲线:



Main Characteristics技术参数:电压等级: 500VAC~550VDC 电流范围:from 50A to 400A Class类别: gR
尺寸Size : Φ30×42分断能力High interrupting rating 100 kA.标准Standard IEC 60269-Part -4、BS 88 Part 4.

Catalog Numbers 订货号	Kaiert Type 型号规格	Rated Current I _N 电流 (A)	Rating Voltage 电压 U _n (V)	Pre-arcting I ² t @1ms (A ² S)弧前 I ² t	Total clearing I ² t @U _n (A ² S) 熔断 I ² t	Power Loss W 功耗	
						0.8I _N	I _N
X097103	BS88-50A/500VAC/DCgR100KA	50A	500VAC/DC	180A ² S	990A ² S	7.3W	14W
H097113	BS88-65A/500VAC/DCgR100KA	65A	500VAC/DC	335A ² S	1840A ² S	8.8W	17W
H097136	BS88-75A/500VAC/DCgR100KA	75A	500VAC/DC	350A ² S	2000A ² S	9.7W	19.5W
M097163	BS88-85A/500VAC/DCgR100KA	85A	500VAC/DC	480A ² S	4000A ² S	12.2W	22.8W
N097164	BS88-90A/500VAC/DCgR100KA	90A	500VAC/DC	720A ² S	4700A ² S	13.2W	23.5W
P097165	BS88-110A/500VAC/DCgR100KA	110A	500VAC/DC	1180A ² S	6900A ² S	18.9W	25.5W
Q097166	BS88-150A/500VAC/DCgR100KA	150A	500VAC/DC	2880A ² S	14500A ² S	19.1W	35.3W
R097167	BS88-180A/500VAC/DCgR100KA	180A	500VAC/DC	5350A ² S	25500A ² S	19.7W	35.7W
V097170	BS88-200A/500VAC/DCgR100KA	200A	500VAC/DC	9510A ² S	46000A ² S	20W	36.7W
W097171	BS88-250A/500VAC/DCgR100KA	250A	500VAC/DC	21400A ² S	110000A ² S	20.3W	37.5W
A097175	BS88-280A/500VAC/DCgR100KA	280A	500VAC/DC	29100A ² S	145000A ² S	22.3W	38W
B097176	BS88-315A/500VAC/DCgR100KA	315A	500VAC/DC	38100A ² S	180000A ² S	26W	42W
C097177	BS88-355A/500VAC/DCgR100KA	355A	500VAC/DC	48200A ² S	215000A ² S	26.9W	48W
D097178	BS88-400A/500VAC/DCgR100KA	400A	500VAC/DC	72000A ² S	305000A ² S	27W	50W

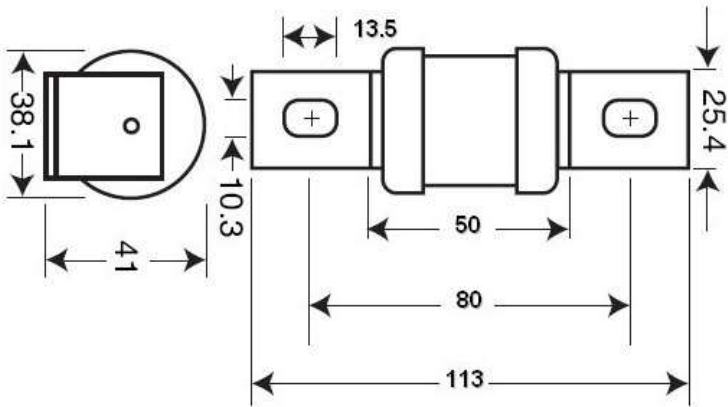
Ratings: AC: 50-400A 100kA, 690VAC交流分断能力; DC: 550VDC,L/R = 10mS直流回路的使用范围

Extremely Fast Acting快速保护、Low I²t 低I²t。

Protection of small inverters, UPS systems motor drives and similar 700V or less equipment

保护小型逆变器、不间断电源、电机驱动等

Dimensions 安装尺寸 (mm):

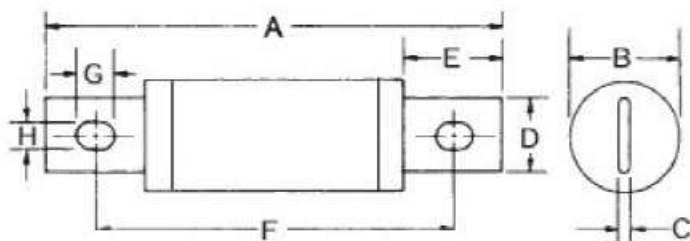


Main Characteristics 主要技术参数: 电压等级:440V~500VDC 电流范围: from 50A to 600A

分断能力 High interrupting rating 100 kA. 执行标准 Standard IEC 60269-Part -4、BS 88 Part 4.. Class类别: gR

Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性				
		Rating Voltage 电压 U_n (V)	Rating Ampere 电流 (A)	Pre-arcing 弧前 I^2t (A ² S)	Total 熔断 I^2t @ (A ² S)	Watts Loss 功(W)
B3037	BMD30-40A/500VDCgR100KAB30/75	440~500VDC	40A	280A ² S	1930A ² S	8.0W
B3038	BMD30-50A/500VDCgR100KAB30/75	440~500VDC	50A	410A ² S	2700A ² S	9.4W
B3039	BMD30-60A/500VDCgR100KAB30/75	440~500VDC	60A	395A ² S	2100A ² S	10.5W
B3040	BMD30-70A/500VDCgR100KAB30/75	440~500VDC	70A	420A ² S	2730A ² S	12.7W
B3041	BMD30-80A/500VDCgR100KAB30/75	440~500VDC	80A	430A ² S	2740A ² S	13.4W
B3042	BMD30-90A/500VDCgR100KAB30/75	440~500VDC	90A	590A ² S	3800A ² S	15.6W
B3043	BMD30-100A/500VDCgR100KAB30/75	440~500VDC	100A	730A ² S	4700A ² S	16.8W
B3044	BMD30-125A/500VDCgR100KAB30/75	440~500VDC	125A	1100A ² S	5950A ² S	24W
B3045	BMD30-150A/500VDCgR100KAB30/75	440~500VDC	150A	2000A ² S	10800A ² S	26W
B3046	BMD30-175A/500VDCgR100KAB30/75	440~500VDC	175A	2800A ² S	15300A ² S	30W
B3047	BMD30-200A/500VDCgR100KAB30/75	440~500VDC	200A	3900A ² S	21000A ² S	32W
B3048	BMD30-225A/500VDCgR100KAB30/75	440~500VDC	225A	4600A ² S	23300A ² S	39W
B3049	BMD30-250A/500VDCgR100KAB30/75	440~500VDC	250A	6300A ² S	32200A ² S	41W
B4031	BMD40-275A/500VDCgR100KAB40/79	440~500VDC	275A	7900A ² S	40300A ² S	46W
B4032	BMD40-300A/500VDCgR100KAB40/79	440~500VDC	300A	9800A ² S	49800A ² S	51W
B4033	BMD40-325A/500VDCgR100KAB40/79	440~500VDC	325A	13700A ² S	63800A ² S	53W
B4034	BMD40-350A/500VDCgR100KAB40/79	440~500VDC	350A	14500A ² S	72900A ² S	58W
B4035	BMD40-400A/500VDCgR100KAB40/79	440~500VDC	400A	19200A ² S	96700A ² S	65W
B5031	BMD50-450A/500VDCgR100KAB50/80	440~500VDC	450A	25700A ² S	127000A ² S	74W
B5032	BMD50-500A/500VDCgR100KAB50/80	440~500VDC	500A	29200A ² S	149000A ² S	84W
B5033	BMD50-600A/500VDCgR100KAB50/80	440~500VDC	600A	41300A ² S	206000A ² S	108W

Dimensions 安装尺寸:



Catalog Numbers	A	B	C	D	E	F	G	H	安装中心距
B3037~B3049	98	Φ 30	2.5	17.5	21	75	9	9	75±1
B4031~B4035	108	Φ 40	4	24	28	78.5	15	11	78.6±1
B5031~B5033	110	Φ 50	4	32	28	80	15.5	11	80±1

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 邮编: 710018

Main Characteristics 主要技术参数: 电压等级:600V~700VDC 电流范围: from 100A to 600A

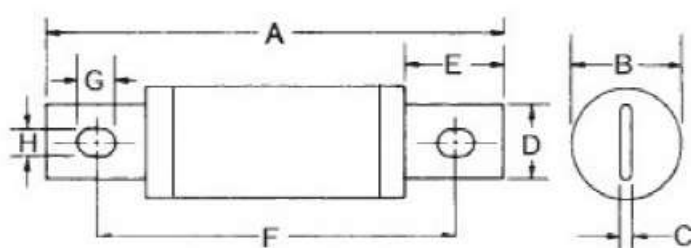
分断能力 High interrupting rating 100 kA. 执行标准 Standard IEC 60269-Part -4、BS 88 Part 4.. Class类别: gR

Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性				
		Rating Voltage 电压 U_e (V)	Rating Ampere 电流 (A)	Pre-arcing 弧前 $I^2(A^2S)$	Total 熔断 I^2t @ (A ² S)	Watts Loss 功耗 (W)
B3050	BMD30-100A/700VDCgR100KAB30/92	600~700VDC	100A	1600A ² S	6300A ² S	26W
B3051	BMD30-125A/700VDCgR100KAB30/92	600~700VDC	125A	1800A ² S	7300A ² S	28W
B3052	BMD30-150A/700VDCgR100KAB30/92	600~700VDC	150A	2900A ² S	11700A ² S	32W
B3053	BMD30-175A/700VDCgR100KAB30/92	600~700VDC	175A	4200A ² S	16700A ² S	35W
B3054	BMD30-200A/700VDCgR100KAB30/92	600~700VDC	200A	5600A ² S	22000A ² S	43W
B4037	BMD40-200A/700VDCgR100KAB40/98	600~700VDC	200A	4900A ² S	28000A ² S	44W
B4038	BMD40-225A/700VDCgR100KAB40/98	600~700VDC	225A	7700A ² S	31300A ² S	45W
B4039	BMD40-250A/700VDCgR100KAB40/98	600~700VDC	250A	10500A ² S	42500A ² S	48W
B4040	BMD40-300A/700VDCgR100KAB40/98	600~700VDC	300A	17600A ² S	71200A ² S	58W
B4041	BMD40-350A/700VDCgR100KAB40/98	600~700VDC	350A	23700A ² S	95600A ² S	65W
B4042	BMD40-400A/700VDCgR100KAB40/98	600~700VDC	400A	31000A ² S	125000A ² S	78W
B5035	BMD50-350A/700VDCgR100KAB50/99	600~700VDC	350A	291000A ² S	11000A ² S	75W
B5036	BMD50-400A/700VDCgR100KAB50/99	600~700VDC	400A	31000A ² S	115000A ² S	89W
B5037	BMD50-450A/700VDCgR100KAB50/99	600~700VDC	450A	36400A ² S	137000A ² S	94W
B5038	BMD50-500A/700VDCgR100KAB50/99	600~700VDC	500A	45200A ² S	170000A ² S	107W
B5039	BMD50-600A/700VDCgR100KAB50/99	600~700VDC	600A	66700A ² S	250000A ² S	122W

产品保护类别 **Class:**

gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护

Dimensions 安装尺寸:



Catalog Numbers 订货号	A	B	C	D	E	F	G	H	安装中心距
B3050~B3054	115	Φ 30	2.5	17.5	21	92.5	9	9	92.5±1
B4037~B4042	128	Φ 40	4	24	28	98	15	11	98±1
B5035~B5039	129	Φ 50	4	32	28	99.5	15.5	11	99.5±1

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Main Characteristics 主要技术参数: 电压等级:800V~1000VDC电流范围: from 70A to 600A

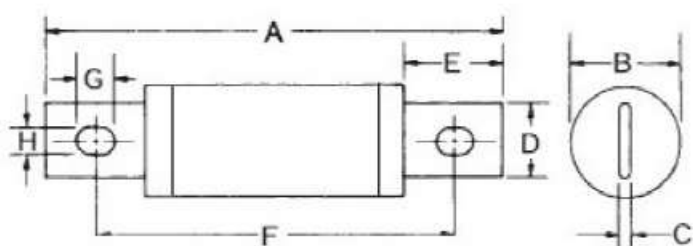
分断能力 High interrupting rating 100 kA. 执行标准 Standard IEC 60269-Part -4、BS 88 Part 4.. Class类别: gR

Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性				
		Rating Voltage 电压 U_e (V)	Rating Ampere 电流 (A)	Pre-arcing 弧前 I^2t (A ² S)	Total 熔断 I^2t @ (A ² S)	Watts Loss 功耗 (W)
B3058	BMD30-70A/1000VDCgR100KAB30/107	800~1000VDC	70A	1100A ² S	6900A ² S	11W
B3059	BMD30-80A/1000VDCgR100KAB30/107	800~1000VDC	80A	1550A ² S	9700A ² S	12W
B3060	BMD30-90A/1000VDCgR100KAB30/107	800~1000VDC	90A	1600A ² S	12000A ² S	13W
B3061	BMD30-100A/1000VDCgR100KAB30/107	800~1000VDC	100A	2800A ² S	17500A ² S	14W
B4044	BMD40-125A/1000VDCgR100KAB40/117	800~1000VDC	125A	4800A ² S	35000A ² S	15W
B4045	BMD40-150A/1000VDCgR100KAB40/117	800~1000VDC	150A	6300A ² S	45000A ² S	16W
B4046	BMD40-175A/1000VDCgR100KAB40/117	800~1000VDC	175A	7500A ² S	65000A ² S	25W
B4047	BMD40-200A/1000VDCgR100KAB40/117	800~1000VDC	200A	11700A ² S	80000A ² S	30W
B5040	BMD50-250A/1000VDCgR100KAB50/114	800~1000VDC	250A	9000A ² S	50000A ² S	32W
B5041	BMD50-300A/1000VDCgR100KAB50/114	800~1000VDC	300A	15000A ² S	80000A ² S	50W
B5042	BMD50-350A/1000VDCgR100KAB50/114	800~1000VDC	350A	22000A ² S	120000A ² S	56W
B5043	BMD50-400A/1000VDCgR100KAB50/114	800~1000VDC	400A	32000A ² S	180000A ² S	62W
B5044	BMD50-500A/1000VDCgR100KAB50/114	800~1000VDC	500A	39000A ² S	220000A ² S	70W
B5045	BMD50-600A/1000VDCgR100KAB50/114	800~1000VDC	600A	43000A ² S	290000A ² S	79W

产品保护类别 Class:

gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护

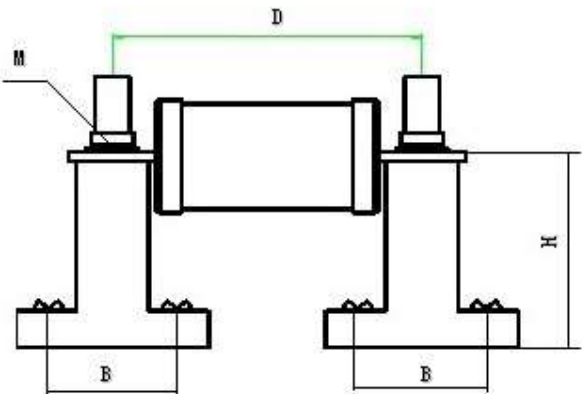
Dimensions 安装尺寸:



Catalog Numbers 订货号	A	B	C	D	E	F	G	H	安装中心距
B3058~B3061	130	Φ30	2.5	17.5	21	107	9	9	107±1
B4044~B4047	147	Φ40	4	24	28	117	15	11	117±1
B5040~B5045	145	Φ50	4	32	28	114	15.5	11	114±1

Main Characteristics 主要技术参数: 电压等级:500V~1000VDC/AC 基座—白色绝缘子
分断能力: High interrupting rating50 kA 执行标准 Standard IEC: 60269-Part -4、BS 88 Part 4..

Fuse holder Dimensionsj基座安装尺寸（mm）：

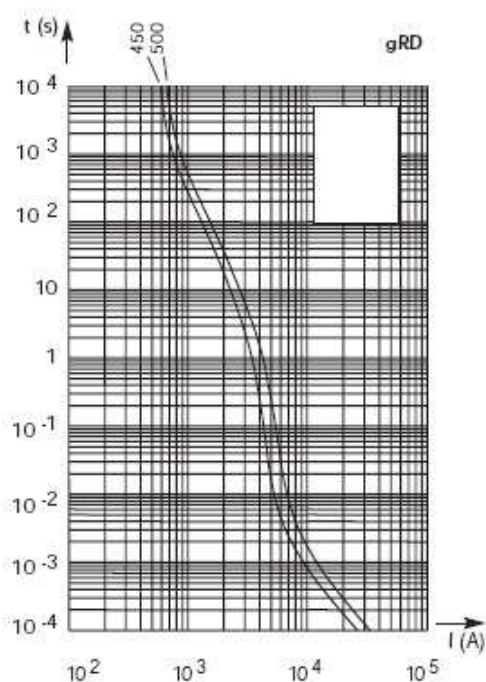
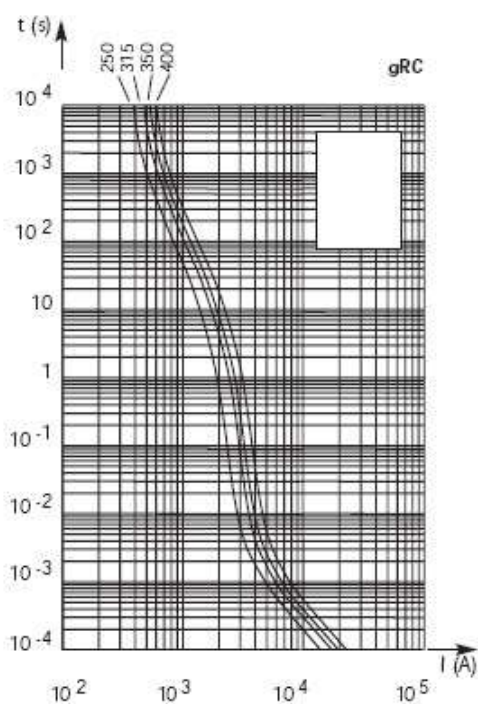
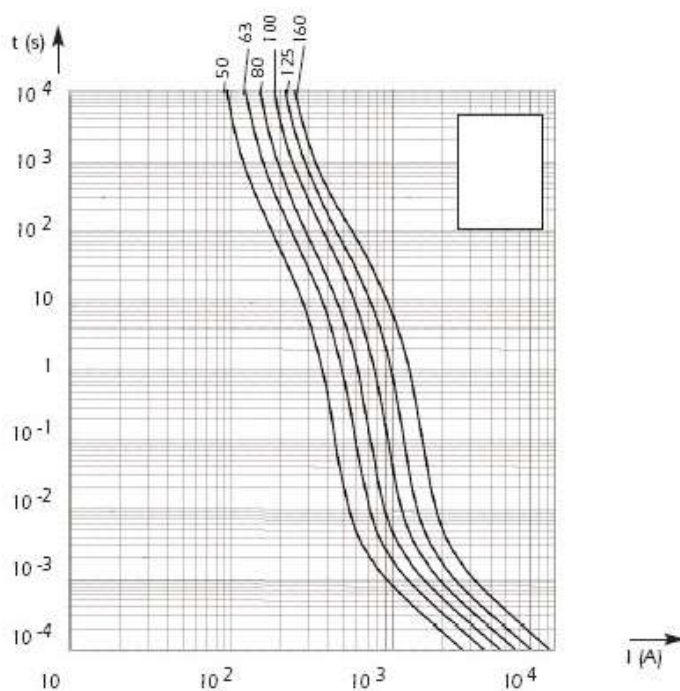


Catalog Numbers 订货号	Rating Voltage 电压 U _e (V)	D	H	M	基座安装中心距 B
MBZ30-690VAC/500VDC	690VAC/500VDC	75	35	M8	30
MBZ40-690VAC/500VDC	690VAC/500VDC	78.5	35	M8	30
MBZ50-690VAC/500VDC	690VAC/500VDC	80	35	M8	30
MBZ30-800VAC/700VDC	800VAC/700VDC	92	55	M8	30
MBZ40-800VAC/700VDC	800VAC/700VDC	98	55	M10	30
MBZ50-800VAC/700VDC	800VAC/700VDC	99.5	55	M10	30
MBZ30-1000VAC/700VDC	1000VAC/1000VDC	107	55	M8	30
MBZ40-1000VAC/1000VDC	1000VAC/1000VDC	117	55	M10	30
MBZ50-1000VAC/1000VDC	1000VAC/1000VDC	114	55	M10	30

Main Characteristics 主要技术参数: 电压等级:500V~1000VDC电流范围: from 70A to 400A

分断能力 High interrupting rating 100 kA. 执行标准 Standard IEC 60269-Part -4、BS 88 Part 4.. Class类别: gR

Time-Current Characteristics:时间-电流特性曲线:



Main Characteristics技术参数 额定电压Voltage: 150VAC/DC 额定电流Current: from 20A to 1000A

Ferrule Semiconductor Protection fuses were developed for DC drives, uninterruptable power supplies and similar Applications requiring better protection (lower I²t) and superior reliability. The Ferrule semiconductor fuse is typically used for replacement.

圆柱型快速熔断器为直流驱动、UPS不间断电源提供最佳保护。具有I²t 值低、安全可靠、便于更换的特点。

额定电压Voltage 150VAC、150VDC;

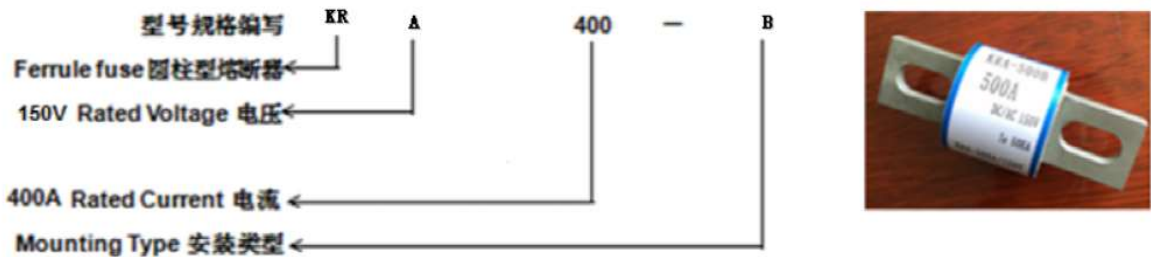
电流范围Current rating (I_n)= 20A to 1000A(AC)、(I_n)= 20A to 1000A(DC)

分断能力Interrupting Rating IR = 100KA(AC), IR = 79KA(DC) L/R ≤10ms.

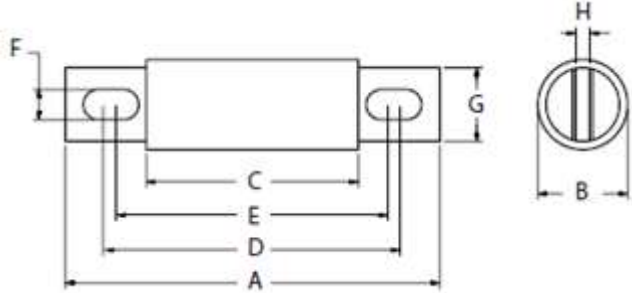
FEATURES & BENEFITS 功能和优点:	AQSPLICATIONS 应用:	STANDARDS 标准:
• Low I ² t minimizes damage to protected components on short circuit	• Protection of DC drives, UPS and other equipment of 150 volts or less	• UL Recognized Component
低I ² t可以保护短路电流对器件的损坏。	保护≤150V 电压直流驱动和 UPS 不间断电源	UL File 60314
• Controlled arc voltage reduces stress to circuit components during fuse clearing		• AC: UL Guide No. JFHR2 (20-1000A)
熔断过程时电弧电压低		• DC: UL Guide No.JFHR2 (20A-1000A)
•Very fast acting 快速动作		
•Current limiting限流特性		
• Low I ² t 低I ² t值		

Single Pole Fuse Blocks for Fuses 单极底座			
Fuse Ampere Rating 熔断器电流	Mounting Type 安装类型	Fuse Block Catalog Number 底座代码	
20A~35A	B 型	E15M8-35	
40A~60A	B 型	E15M8-60	
70A~350A	B 型	E15M8-350	
400A~600A	B 型	E15M10-600	
700A~1000A	B 型	E15M10-1000	

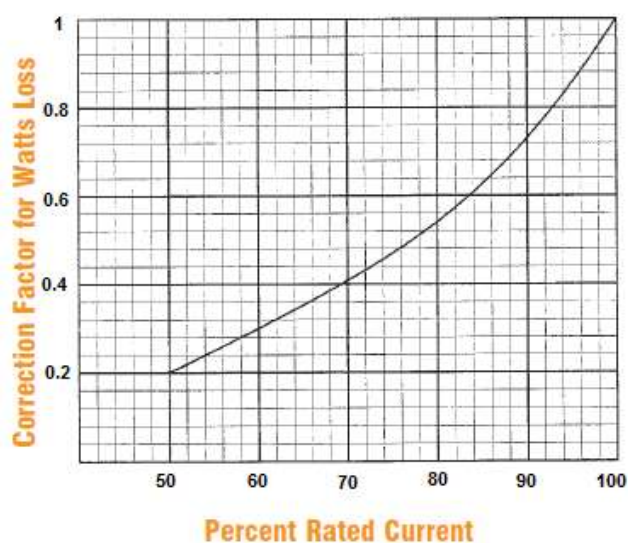
Catalog Numbering System 型号规格编写说明:



Main Characteristics 技术参数 额定电压 Voltage: 150VAC/DC 额定电流Current: from 20A to 1000A

Designation Type 型号规格	Ampere 电流 (A)	Designation Type 型号规格	Ampere 电流 (A)	DIMENSIONS安装尺寸示意图(mm)																																																																	
KRA-20B	20A	KRA-175B	175A																																																																		
KRA-25B	25A	KRA-200B	200A																																																																		
KRA-30B	30A	KRA-225B	225A																																																																		
KRA-35B	35A	KRA-275B	275A																																																																		
KRA-40B	40A	KRA-300B	300A																																																																		
KRA-45B	45A	KRA-350B	350A																																																																		
KRA-50B	50A	KRA-400B	400A																																																																		
KRA-60B	60A	KRA-450B	450A																																																																		
KRA-70B	70A	KRA-500B	500A																																																																		
KRA-80B	80A	KRA-550B	550A																																																																		
KRA-90B	90A	KRA-600B	600A																																																																		
KRA-100B	100A	KRA-700B	700A																																																																		
KRA-125B	125A	KRA-800B	800A																																																																		
KRA-130B	130A	KRA-900B	900A																																																																		
KRA-150B	150A	KRA-1000B	1000A																																																																		
				<table border="1"> <thead> <tr> <th>型号规格</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>F</th><th>G</th><th>H</th><th>安装距离</th></tr> </thead> <tbody> <tr> <td>20A~35A</td><td>70</td><td>Φ20</td><td>30</td><td>56</td><td>46</td><td>9</td><td>15</td><td>3</td><td>50±2</td></tr> <tr> <td>40A~60A</td><td>70</td><td>Φ25</td><td>30</td><td>56</td><td>46</td><td>9</td><td>18</td><td>3</td><td>50±2</td></tr> <tr> <td>70A~350A</td><td>71</td><td>Φ30</td><td>32</td><td>56</td><td>46</td><td>9</td><td>22</td><td>5</td><td>50±2</td></tr> <tr> <td>400A~600A</td><td>90</td><td>Φ38</td><td>32</td><td>70</td><td>49</td><td>10.5</td><td>25</td><td>6</td><td>58±2</td></tr> <tr> <td>700A~1000A</td><td>90</td><td>Φ51</td><td>32</td><td>70</td><td>49</td><td>10.5</td><td>38</td><td>6</td><td>58±2</td></tr> </tbody> </table>						型号规格	A	B	C	D	E	F	G	H	安装距离	20A~35A	70	Φ20	30	56	46	9	15	3	50±2	40A~60A	70	Φ25	30	56	46	9	18	3	50±2	70A~350A	71	Φ30	32	56	46	9	22	5	50±2	400A~600A	90	Φ38	32	70	49	10.5	25	6	58±2	700A~1000A	90	Φ51	32	70	49	10.5	38	6	58±2
型号规格	A	B	C	D	E	F	G	H	安装距离																																																												
20A~35A	70	Φ20	30	56	46	9	15	3	50±2																																																												
40A~60A	70	Φ25	30	56	46	9	18	3	50±2																																																												
70A~350A	71	Φ30	32	56	46	9	22	5	50±2																																																												
400A~600A	90	Φ38	32	70	49	10.5	25	6	58±2																																																												
700A~1000A	90	Φ51	32	70	49	10.5	38	6	58±2																																																												

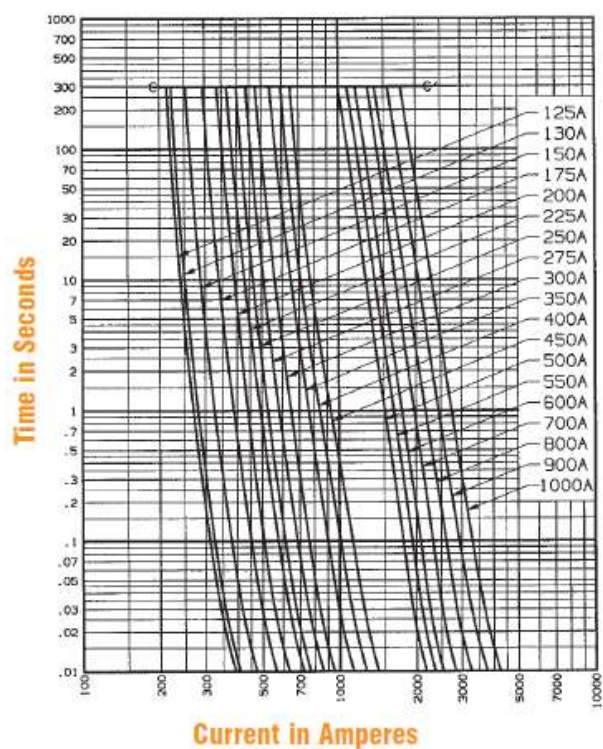
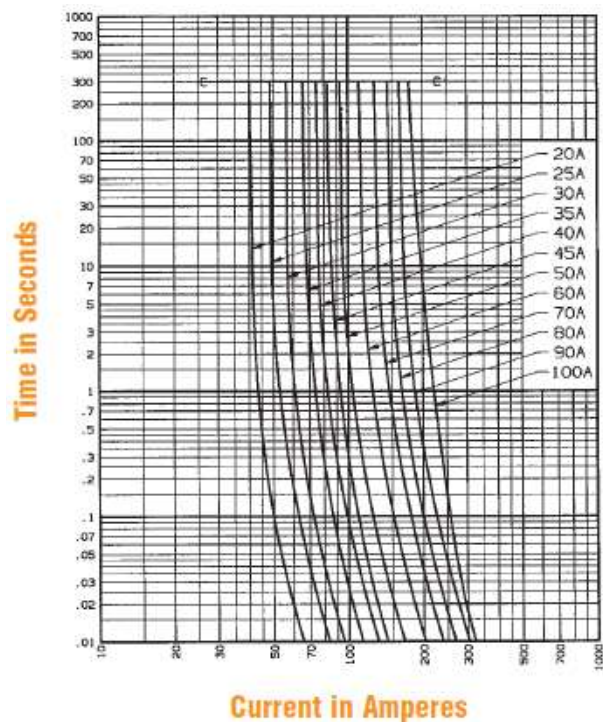
Watts Loss vs % Rated Current



Ampere 电流(A)	Watts Loss(W) 功耗In	Ampere 电流(A)	Watts Loss(W) 功耗In
20A	1.5w	175A	20w
25A	2.0w	200A	22w
30A	2.2w	225A	25w
35A	2.6w	275A	30w
40A	3.1w	300A	33w
45A	3.4w	350A	40w
50A	4.0w	400A	45w
60A	4.7w	450A	50w
70A	5.6w	500A	30w
80A	8.0w	600A	35w
90A	9.0w	700A	50w
100A	10w	800A	57w
125A	13w	900A	67w
130A	14w	1000A	75w
150A	16w		

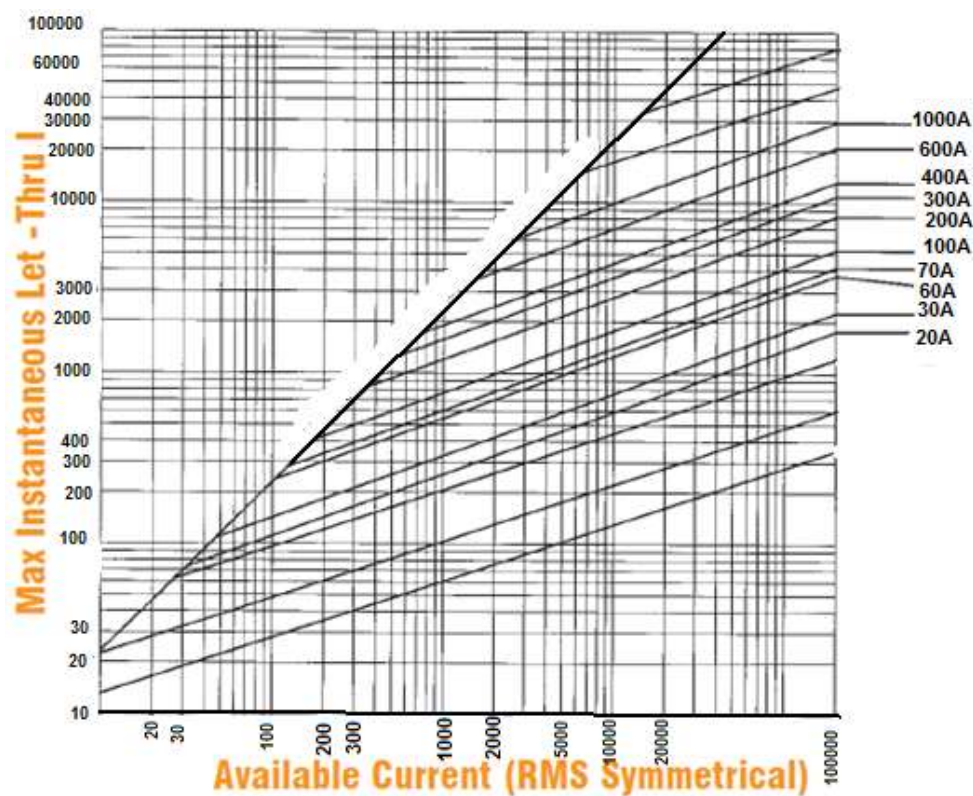
Main Characteristics 技术参数 额定电压 Voltage: 150VAC/DC 额定电流 Current: from 20A to 1000A

Time Current characteristic curve 时间电流特性曲线:

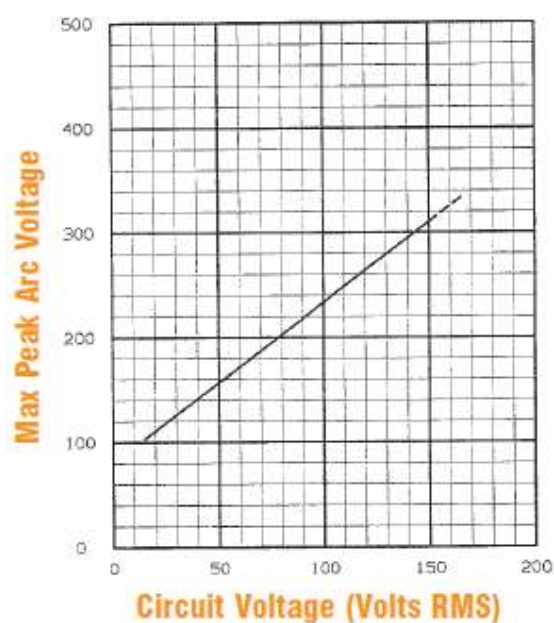


Main Characteristics 技术参数 额定电压Voltage: 150VAC/DC 额定电流Current: from 20A to 1000A

Cut-Off Current characteristic限流特性曲线:



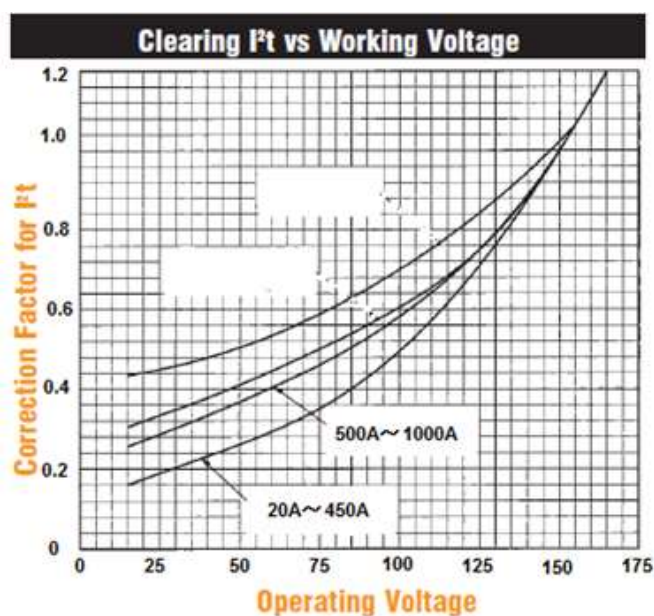
Maximum Arc Volts vs. System Voltage电弧电压和工作电压曲线:



Main Characteristics 技术参数 额定电压Voltage: 150VAC/DC 额定电流Current: from 20A to 1000A

I²t Data – 150Volts AC

Ampere 电流 (A)	Pre-arcing I ² t 弧前 (KA ² S)	I ² t @Un AC (A ² S)熔断
		150V AC I ² t (KA ² S)
20A	0.01KA ² S	0.1KA ² S
25A	0.02KA ² S	0.16 KA ² S
30A	0.03 KA ² S	0.21 KA ² S
35A	0.04 KA ² S	0.29 KA ² S
40A	0.05 KA ² S	0.39 KA ² S
45A	0.06 KA ² S	0.47 KA ² S
50A	0.08 KA ² S	0.64 KA ² S
60A	0.12 KA ² S	0.94 KA ² S
70A	0.16 KA ² S	2.0 KA ² S
80A	0.21 KA ² S	2.5 KA ² S
90A	0.27 KA ² S	3.1 KA ² S
100A	0.33 KA ² S	3.6 KA ² S
125A	0.49 KA ² S	5.0 KA ² S
130A	0.53 KA ² S	5.3 KA ² S
150A	0.72 KA ² S	6.8 KA ² S
175A	1.0 KA ² S	9.0 KA ² S
200A	1.3 KA ² S	11 KA ² S
225A	1.7 KA ² S	14 KA ² S
275A	2.4 KA ² S	15 KA ² S
300A	2.9 KA ² S	22 KA ² S
350A	4.1 KA ² S	32 KA ² S
400A	5.1 KA ² S	40 KA ² S
450A	6.4 KA ² S	50 KA ² S
500A	15 KA ² S	90 KA ² S
600A	20 KA ² S	108 KA ² S
700A	25 KA ² S	220 KA ² S
800A	34 KA ² S	290 KA ² S
900A	46 KA ² S	400 KA ² S
1000A	58 KA ² S	520 KA ² S

Clearing I²t vs. AC Operating Voltage熔断I²t和工作电压曲线:

ACCESSORIES熔断器支撑件:



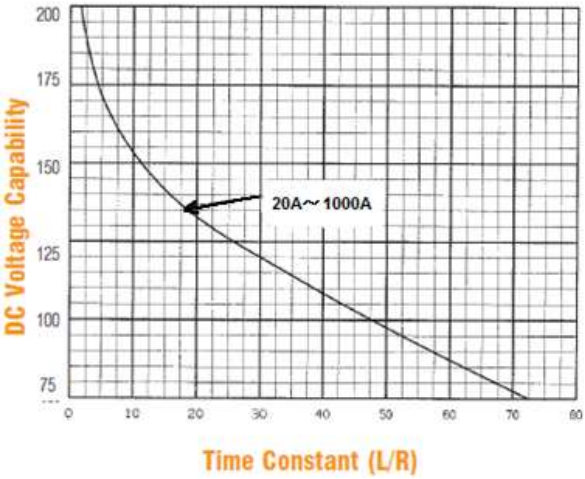
高强度陶瓷具体尺寸咨询技术

Main Characteristics技术参数 额定电压Voltage: 150VAC/DC 额定电流Current: from 20A to 1000A

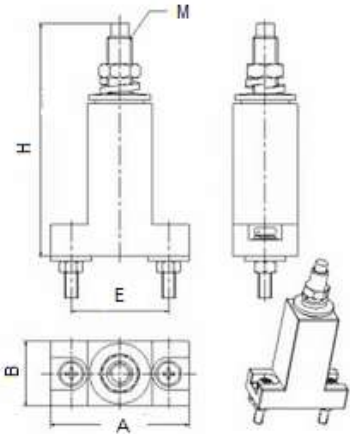
I²t Data – 150V Voltage DC Clearing I²t at 150V DC, 100kA, L/R = 10 ms

Ampere 电流(A)	I²t @150VDC 熔断(KA²S)	Ampere 电流(A)	I²t@150VD C 熔断 (KA²S)
20A	0.07KA²S	175A	6.3 KA²S
25A	0.11 KA²S	200A	7.7 KA²S
30A	0.15 KA²S	225A	9.8 KA²S
35A	0.20 KA²S	275A	13 KA²S
40A	0.27 KA²S	300A	15 KA²S
45A	0.33 KA²S	350A	22 KA²S
50A	0.45 KA²S	400A	28 KA²S
60A	0.66 KA²S	450A	35 KA²S
70A	1.4 KA²S	500A	63 KA²S
80A	1.8 KA²S	600A	91 KA²S
90A	2.2 KA²S	700A	150 KA²S
100A	2.5 KA²S	800A	200 KA²S
125A	3.5 KA²S	900A	280 KA²S
130A	3.7 KA²S	1000A	360 KA²S
150A	4.7 KA²S		

DC Voltage Capability vs Time Constant 直流电压和时间常数曲线图



ACCESSORIES 熔断器支撑件安装示意图:



具体尺寸咨询技术



Main Characteristics技术参数 电压Voltage: 250V/300VAC/DC电流Current: from 35A to 1200A

Ferrule Semiconductor Protection fuses were developed for DC drives, uninterruptable power supplies and similar Applications requiring better protection (lower I²t) and superior reliability. The Ferrule semiconductor fuse is typically used for replacement.

圆柱型快速熔断器为直流驱动、UPS不间断电源提供最佳保护。具有I²t 值低、安全可靠、便于更换的特点。

额定电压Voltage 250V/300VAC、250V/300VDC;

电流范围Current rating (I_n)= 35A to 1200A(AC)、(I_n)= 35A to 1000A(DC)

分断能力Interrupting Rating IR = 100KA(AC), IR = 79KA(DC) L/R ≤10ms.

FEATURES & BENEFITS 功能和优点:

- Low I²t minimizes damage to protected components on short circuit
- 低I²t可以保护短路电流对器件的损坏。
- Controlled arc voltage reduces stress to circuit components during fuse clearing
- 熔断过程时电弧电压低
- Very fast acting 快速动作
- Current limiting限流特性
- Low I²t 低I²t值

AQSPLICATIONS 应用:

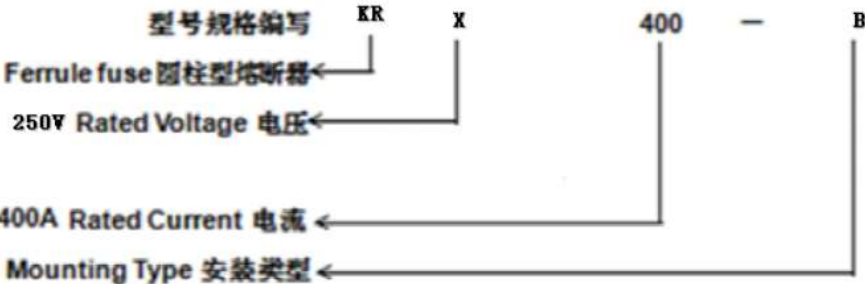
- Protection of DC drives, UPS and other equipment of 500 volts or less
- 保护≤300V 电压直流驱动和 UPS 不间断电源

STANDARDS 标准:

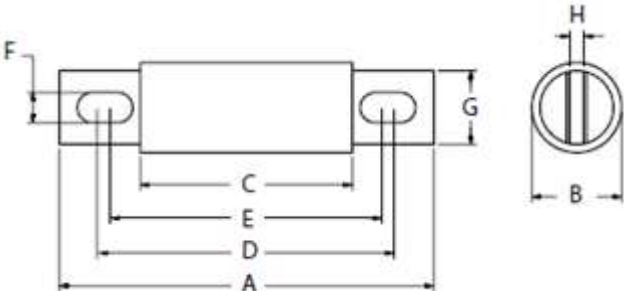
- UL Recognized Component
- UL File 60314
- AC: UL Guide No. JFHR2 (10-800A)
- DC: UL Guide No.JFHR2 (35A-800A)

Single Pole Fuse Blocks for Fuses 单极底座			
Fuse Ampere Rating 熔断器电流	Mounting Type 安装类型	Fuse Block Catalog Number 底座代码	
35A~60A	B 型	E30M8-60	
70A~225A	B 型	E30M8-225	
250A~400A	B 型	E30M10-400	
450A~800A	B 型	E30M10-800	
900A~1000A	B 型	E30M12-1000	

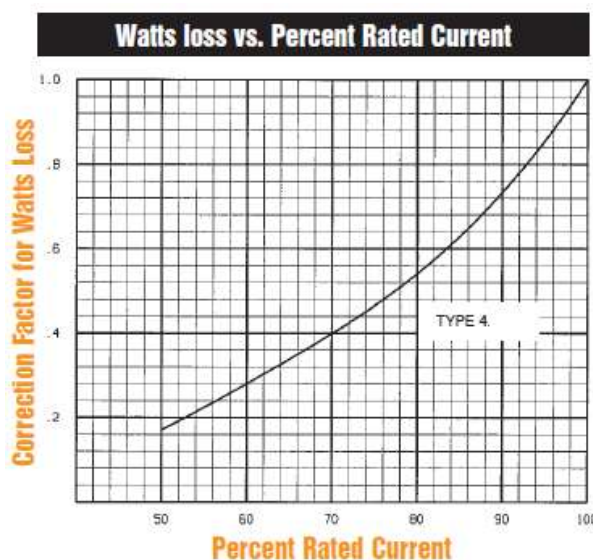
Catalog Numbering System 型号规格编写说明:



Main Characteristics技术参数 电压Voltage: 250V/300VAC/DC 电流Current: from 35A to 1200A

Designation Type 型号规格	Ampere 电流 (A)	Designation Type 型号规格	Ampere 电流 (A)	DIMENSIONS安装尺寸示意图(mm)																																																																																									
KRX-35B	35A	KRX-250B	250A																																																																																										
KRX-40B	40A	KRX-275B	275A																																																																																										
KRX-50B	50A	KRX-300B	300A																																																																																										
KRX-60B	60A	KRX-325B	325A																																																																																										
KRX-70B	70A	KRX-350B	350A																																																																																										
KRX-80B	80A	KRX-400B	400A																																																																																										
KRX-90B	90A	KRX-450B	450A																																																																																										
KRX-100B	100A	KRX-500B	500A																																																																																										
KRX-125B	125A	KRX-600B	600A	<table><tr><th>型号 规格</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>F</th><th>G</th><th>H</th><th>安装 距离</th></tr><tr><td>35A~60A</td><td>82</td><td>Φ20</td><td>41</td><td>68</td><td>53</td><td>9</td><td>15</td><td>3</td><td>60±2</td></tr><tr><td>70A~100A</td><td>82</td><td>Φ25</td><td>41</td><td>68</td><td>53</td><td>9</td><td>18</td><td>3</td><td>60±2</td></tr><tr><td>125A~225A</td><td>82</td><td>Φ30</td><td>41</td><td>65</td><td>53</td><td>9</td><td>22</td><td>5</td><td>60±2</td></tr><tr><td>250A~400A</td><td>101</td><td>Φ38</td><td>41</td><td>81</td><td>55</td><td>10.5</td><td>25</td><td>6</td><td>66±2</td></tr><tr><td>450A~800A</td><td>100</td><td>Φ51</td><td>41</td><td>80</td><td>56</td><td>10.5</td><td>38</td><td>6</td><td>66±2</td></tr><tr><td>900A~1000A</td><td>149</td><td>Φ64</td><td>41</td><td>117</td><td>71</td><td>13.5</td><td>50</td><td>10</td><td>94±2</td></tr><tr><td>1100A~1200A</td><td>155</td><td>Φ76</td><td>60</td><td>117</td><td>92</td><td>16</td><td>60</td><td>11</td><td>105±2</td></tr></table>										型号 规格	A	B	C	D	E	F	G	H	安装 距离	35A~60A	82	Φ20	41	68	53	9	15	3	60±2	70A~100A	82	Φ25	41	68	53	9	18	3	60±2	125A~225A	82	Φ30	41	65	53	9	22	5	60±2	250A~400A	101	Φ38	41	81	55	10.5	25	6	66±2	450A~800A	100	Φ51	41	80	56	10.5	38	6	66±2	900A~1000A	149	Φ64	41	117	71	13.5	50	10	94±2	1100A~1200A	155	Φ76	60	117	92	16	60	11	105±2
型号 规格	A	B	C											D	E	F	G	H	安装 距离																																																																										
35A~60A	82	Φ20	41											68	53	9	15	3	60±2																																																																										
70A~100A	82	Φ25	41											68	53	9	18	3	60±2																																																																										
125A~225A	82	Φ30	41											65	53	9	22	5	60±2																																																																										
250A~400A	101	Φ38	41											81	55	10.5	25	6	66±2																																																																										
450A~800A	100	Φ51	41											80	56	10.5	38	6	66±2																																																																										
900A~1000A	149	Φ64	41											117	71	13.5	50	10	94±2																																																																										
1100A~1200A	155	Φ76	60	117	92	16	60	11	105±2																																																																																				
KRX-130B	130A	KRX-700B	700A																																																																																										
KRX-150B	150A	KRX-800B	800A																																																																																										
KRX-175B	175A	KRX-900B	900A																																																																																										
KRX-200B	200A	KRX-1000B	1000A																																																																																										
KRX-225B	225A	KRX-1200B	1200A																																																																																										

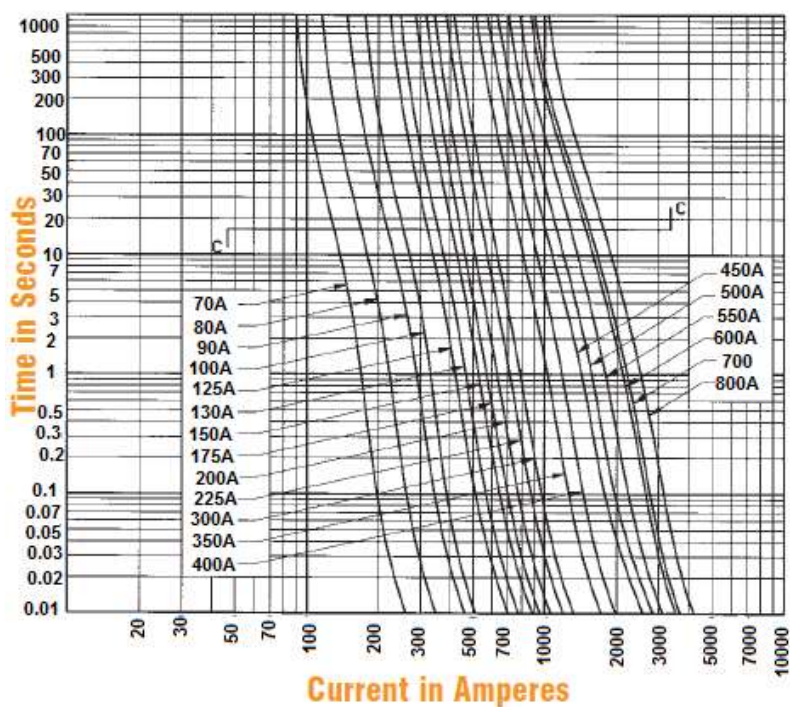
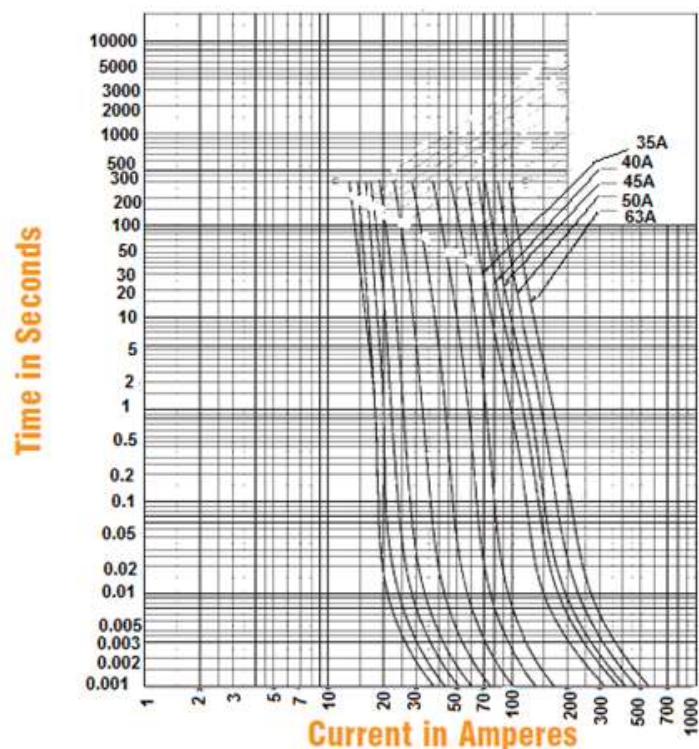




Ampere 电流(A)	Watts Loss 功耗 In	Ampere 电流(A)	Watts Loss(W)功耗 In
35A	6.4w	250A	41w
40A	7.0w	275A	44w
50A	9.9w	300A	47w
60A	11.6w	325A	48w
70A	11w	350A	49w
80A	11w	400A	56w
90A	13w	450A	53w
100A	13w	500A	59w
125A	16w	600A	69w
150A	19w	700A	90w
175A	27w	800A	108w
200A	30w	900A	110w
225A	33w	1000A	120w
		1200A	140w

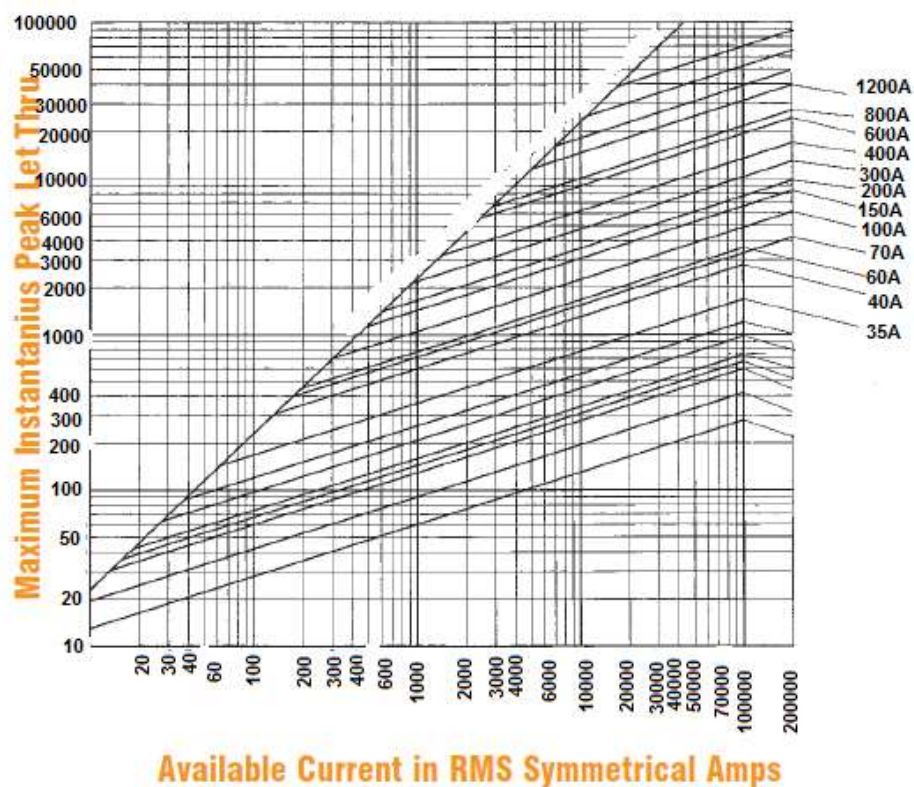
Main Characteristics技术参数 电压Voltage: 250V/300VAC/DC 电流Current: from 35A to 1200A

Time Current characteristic curve 时间电流特性曲线:

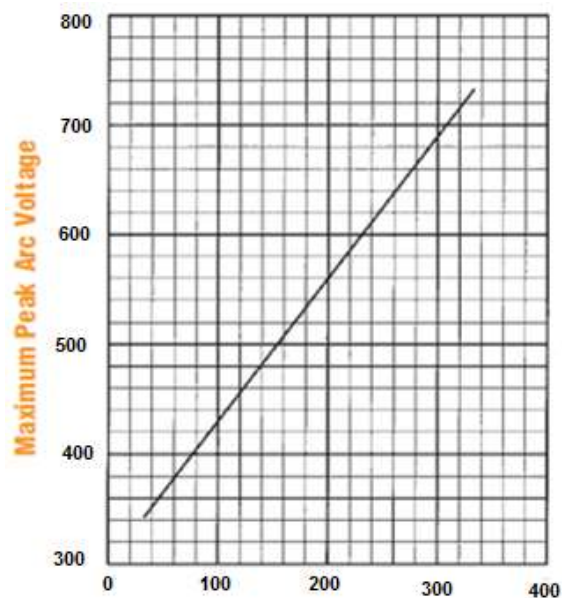


Main Characteristics技术参数 电压Voltage: 250V/300VAC/DC 电流Current: from 35A to 1200A

Cut-Off Current characteristic限流特性曲线:



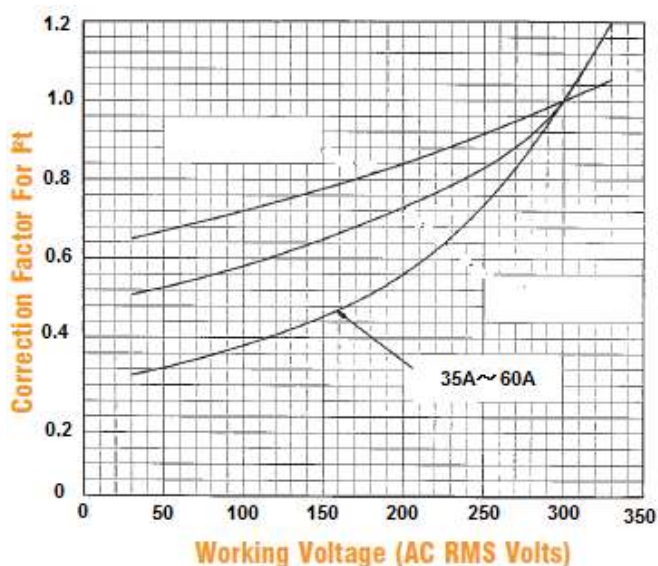
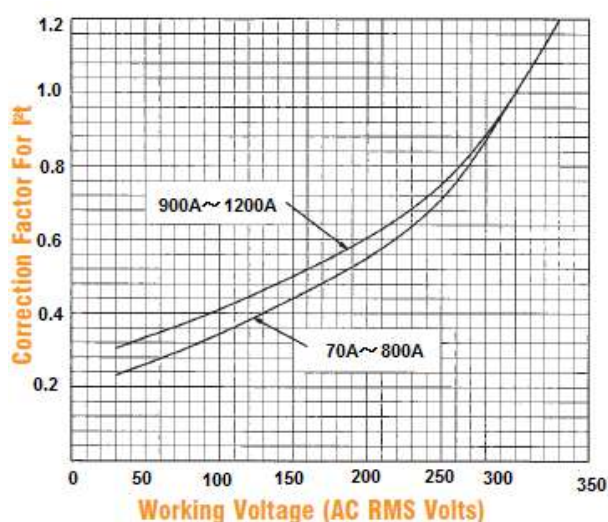
Maximum Arc Volts vs. System Voltage电弧电压和工作电压曲线:



Main Characteristics技术参数 电压Voltage: 250V/300VAC/DC 电流Current: from 35A to 1200A

I²t Data – 250VAC/300 Volts AC

Ampere 电流 (A)	Pre-arcing I ² t 弧前 (KA ² S)	I ² t @Un AC (A ² S)熔断	
		250V AC I ² t (KA ² S)	300V AC I ² t (KA ² S)
35A	0.09 KA ² S	0.61 KA ² S	0.9 KA ² S
40A	0.13 KA ² S	0.83 KA ² S	1.2 KA ² S
50A	0.21 KA ² S	1.4 KA ² S	2.0 KA ² S
60A	0.29 KA ² S	1.9 KA ² S	2.7 KA ² S
70A	0.24 KA ² S	1.2 KA ² S	1.6 KA ² S
80A	0.42 KA ² S	1.9 KA ² S	2.6 KA ² S
90A	0.53 KA ² S	2.3 KA ² S	3.2 KA ² S
100A	0.74 KA ² S	3.0 KA ² S	4.1 KA ² S
125A	1.2 KA ² S	4.6 KA ² S	6.3 KA ² S
150A	1.9 KA ² S	6.9 KA ² S	9.3 KA ² S
175A	2.1 KA ² S	7.6 KA ² S	10 KA ² S
200A	3.0 KA ² S	11 KA ² S	15 KA ² S
225A	3.6 KA ² S	16 KA ² S	22 KA ² S
250A	4.4 KA ² S	19 KA ² S	25 KA ² S
275A	5.6 KA ² S	23 KA ² S	32 KA ² S
300A	6.9 KA ² S	27 KA ² S	37 KA ² S
325A	8.3 KA ² S	34 KA ² S	40 KA ² S
350A	12 KA ² S	45 KA ² S	62 KA ² S
400A	16 KA ² S	61 KA ² S	83 KA ² S
450A	25 KA ² S	95 KA ² S	130 KA ² S
500A	30 KA ² S	120 KA ² S	160 KA ² S
600A	47 KA ² S	170 KA ² S	230 KA ² S
700A	50 KA ² S	190 KA ² S	260 KA ² S
800A	67 KA ² S	240 KA ² S	330 KA ² S
900A	83 KA ² S	290 KA ² S	390 KA ² S
1000A	100 KA ² S	350 KA ² S	460 KA ² S
1200A	200 KA ² S	680 KA ² S	880 KA ² S

Clearing I²t vs. AC Operating Voltage熔断I²t和工作电压曲线:Clearing I²t vs. AC Operating Voltage熔断I²t和工作电压曲线:

ACCESSORIES 熔断器支撑件:

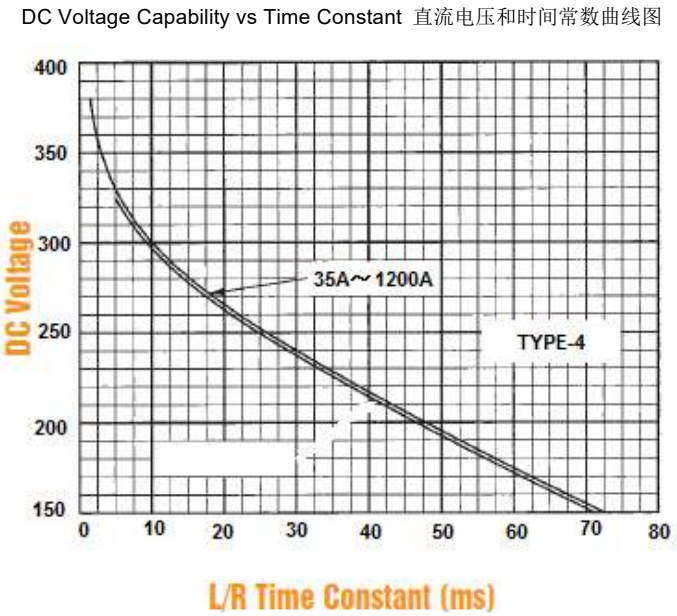


高强度陶瓷具体尺寸咨询技术

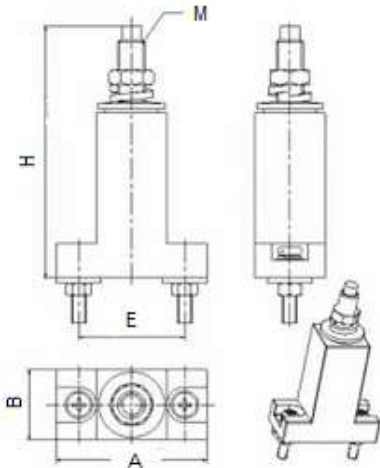
Main Characteristics技术参数 电压Voltage: 250V/300VAC/DC电流Current: from 35A to 1200A

I²t Data – 250 V/300V Voltage DC Clearing I²t at 300V DC, 100kA, L/R = 10 ms

Ampere 电流(A)	I²t @300VDC 熔断(KA²S)	Ampere 电流(A)	I²t@300VD C 熔断 (KA²S)
35A	0.45KA²S	275A	25 KA²S
40A	0.58 KA²S	300A	29 KA²S
50A	0.96 KA²S	325A	41 KA²S
60A	1.3 KA²S	350A	50 KA²S
70A	1.3 KA²S	400A	66 KA²S
80A	2.1 KA²S	450A	100 KA²S
90A	2.5 KA²S	500A	130 KA²S
100A	3.3 KA²S	600A	190 KA²S
125A	5.0 KA²S	700A	200 KA²S
150A	7.5 KA²S	800A	260 KA²S
175A	8.3 KA²S	900A	300 KA²S
200A	12 KA²S	1000A	360 KA²S
225A	18 KA²S	1200A	710 KA²S
250A	20 KA²S		



ACCESSORIES 熔断器支撑件安装示意图:



具体尺寸咨询技术



Main Characteristics 技术参数 电压Voltage: 500VAC/DC 电流Current: from 35A to 1200A

Ferrule Semiconductor Protection fuses were developed for DC drives, uninterruptable power supplies and similar Applications requiring better protection (lower I²t) and superior reliability. The Ferrule semiconductor fuse is typically used for replacement.

圆柱型快速熔断器为直流驱动、UPS不间断电源提供最佳保护。具有I²t 值低、安全可靠、便于更换的特点。

额定电压Voltage 500VAC、500VDC;

电流范围Current rating (In)= 35A to 1200A(AC)、(In)= 35A to 1000A(DC)

分断能力Interrupting Rating IR = 100KA(AC), IR = 79KA(DC) L/R ≤10ms.

FEATURES & BENEFITS 功能和优点:

- Low I²t minimizes damage to protected components on short circuit
- 低I²t可以保护短路电流对器件的损坏。
- Controlled arc voltage reduces stress to circuit components during fuse clearing
- 熔断过程时电弧电压低
- Very fast acting 快速动作
- Current limiting限流特性
- Low I²t 低I²t值

AQSPLICATIONS 应用:

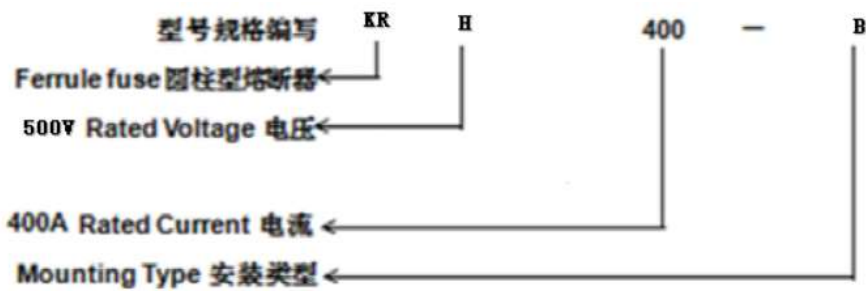
- Protection of DC drives, UPS and other equipment of 500 volts or less
- 保护≤500V 电压直流驱动和 UPS 不间断电源

STANDARDS 标准:

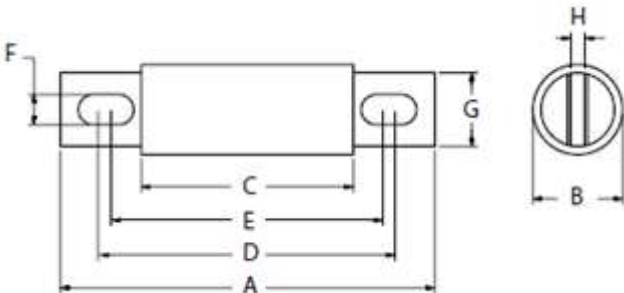
- UL Recognized Component
- UL File 60314
- AC: UL Guide No. JFHR2 (10-800A)
- DC: UL Guide No. JFHR2 (35-800A)

Single Pole Fuse Blocks for Fuses 单极底座			
Fuse Ampere Rating 熔断器电流	Mounting Type 安装类型	Fuse Block Catalog Number 底座代码	
35A~60A	B 型	E50M8-60	
70A~200A	B 型	E50M8-200	
225A~400A	B 型	E50M10-400	
450A~600A	B 型	E50M10-600	
700A~800A	B 型	E50M12-800	

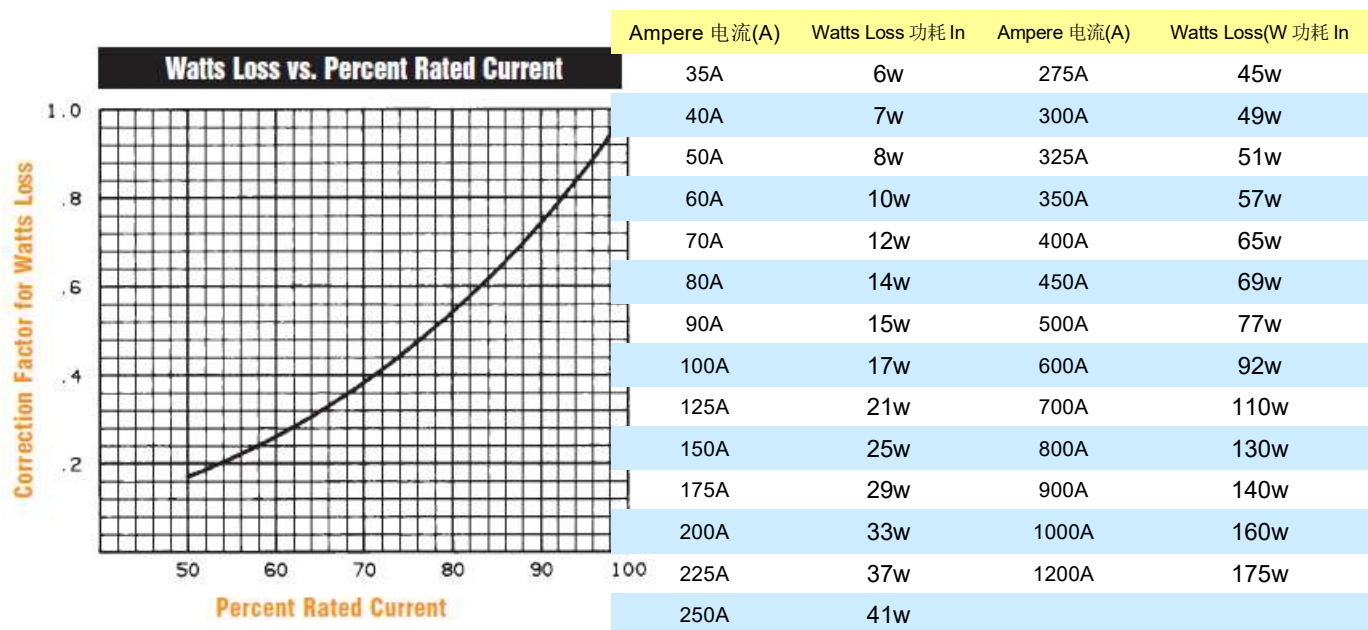
Catalog Numbering System 型号规格编写说明



Main Characteristics 技术参数 电压Voltage: 500VAC/DC 电流Current: from 35A to 1200A

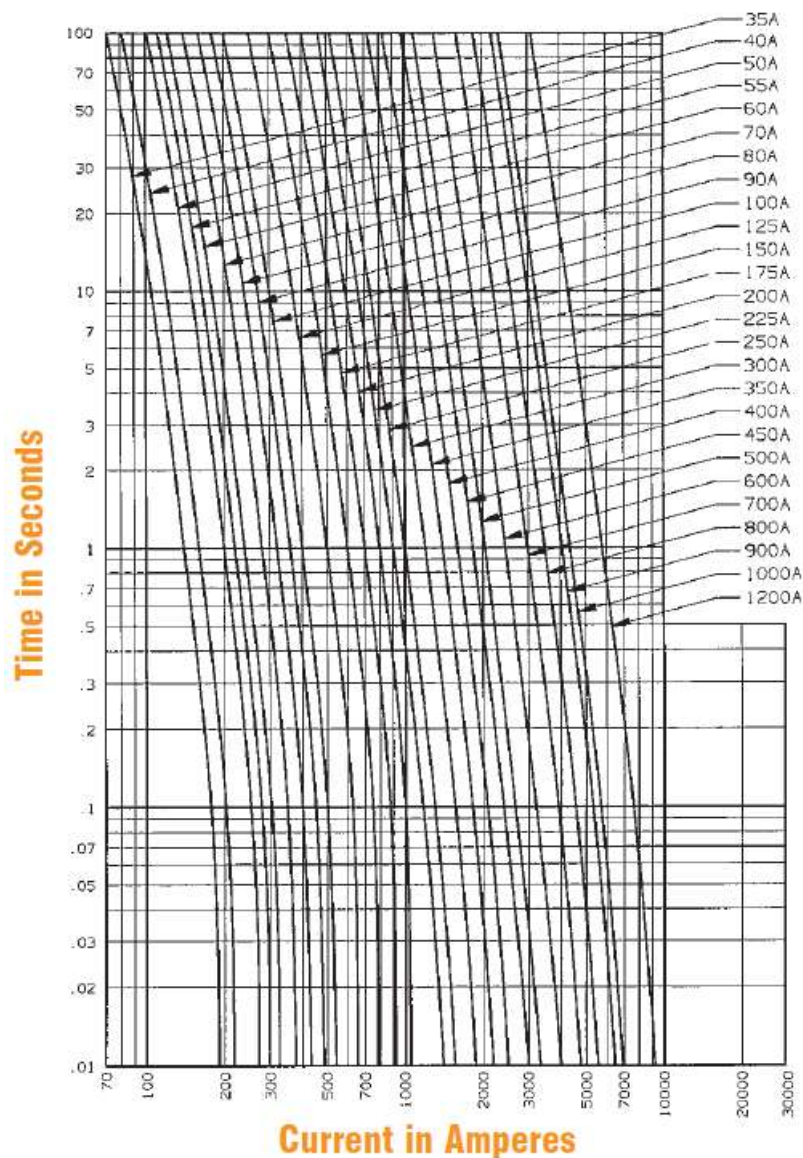
Designation Type 型号规格	Ampere 电流 (A)	Designation Type 型号规格	Ampere 电流 (A)	DIMENSIONS安装尺寸示意图(mm)																																																																																					
KRH-35B	35A	KRH-275B	275A																																																																																						
KRH-40B	40A	KRH-300B	300A																																																																																						
KRH-50B	50A	KRH-325B	325A																																																																																						
KRH-60B	60A	KRH-350B	350A																																																																																						
KRH-70B	70A	KRH-400B	400A																																																																																						
KRH-80B	80A	KRH-450B	450A																																																																																						
KRH-90B	90A	KRH-500B	500A																																																																																						
KRH-100B	100A	KRH-600B	600A																																																																																						
KRH-125B	125A	KRH-700B	700A	<table><tr><th>型号规格</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>F</th><th>G</th><th>H</th><th>安装距离</th></tr><tr><td>35A~60A</td><td>81</td><td>Φ20</td><td>41</td><td>64</td><td>57</td><td>9</td><td>15</td><td>3</td><td>60±2</td></tr><tr><td>70A~100A</td><td>92</td><td>Φ25</td><td>51</td><td>75</td><td>72</td><td>9</td><td>18</td><td>3</td><td>74±2</td></tr><tr><td>125A~200A</td><td>92</td><td>Φ30</td><td>54</td><td>75</td><td>72</td><td>9</td><td>22</td><td>5</td><td>74±2</td></tr><tr><td>225A~400A</td><td>110</td><td>Φ38</td><td>53</td><td>87</td><td>71</td><td>10.5</td><td>25</td><td>6</td><td>79±2</td></tr><tr><td>450A~600A</td><td>114</td><td>Φ51</td><td>57</td><td>90</td><td>74</td><td>10.5</td><td>38</td><td>6</td><td>82±2</td></tr><tr><td>700A~800A</td><td>164</td><td>Φ64</td><td>57</td><td>118</td><td>109</td><td>13.5</td><td>50</td><td>10</td><td>114±2</td></tr><tr><td>900A~1200A</td><td>177</td><td>Φ76</td><td>82</td><td>139</td><td>114</td><td>16</td><td>60</td><td>11</td><td>126±2</td></tr></table>						型号规格	A	B	C	D	E	F	G	H	安装距离	35A~60A	81	Φ20	41	64	57	9	15	3	60±2	70A~100A	92	Φ25	51	75	72	9	18	3	74±2	125A~200A	92	Φ30	54	75	72	9	22	5	74±2	225A~400A	110	Φ38	53	87	71	10.5	25	6	79±2	450A~600A	114	Φ51	57	90	74	10.5	38	6	82±2	700A~800A	164	Φ64	57	118	109	13.5	50	10	114±2	900A~1200A	177	Φ76	82	139	114	16	60	11	126±2
型号规格	A	B	C							D	E	F	G	H	安装距离																																																																										
35A~60A	81	Φ20	41							64	57	9	15	3	60±2																																																																										
70A~100A	92	Φ25	51							75	72	9	18	3	74±2																																																																										
125A~200A	92	Φ30	54							75	72	9	22	5	74±2																																																																										
225A~400A	110	Φ38	53							87	71	10.5	25	6	79±2																																																																										
450A~600A	114	Φ51	57							90	74	10.5	38	6	82±2																																																																										
700A~800A	164	Φ64	57							118	109	13.5	50	10	114±2																																																																										
900A~1200A	177	Φ76	82							139	114	16	60	11	126±2																																																																										
KRH-150B	150A	KRH-800B	800A																																																																																						
KRH-175B	175A	KRH-900B	900A																																																																																						
KRH-200B	200A	KRH-1000B	1000A																																																																																						
KRH-225B	225A	KRH-1200B	1200A																																																																																						
KRH-250B	250A																																																																																								





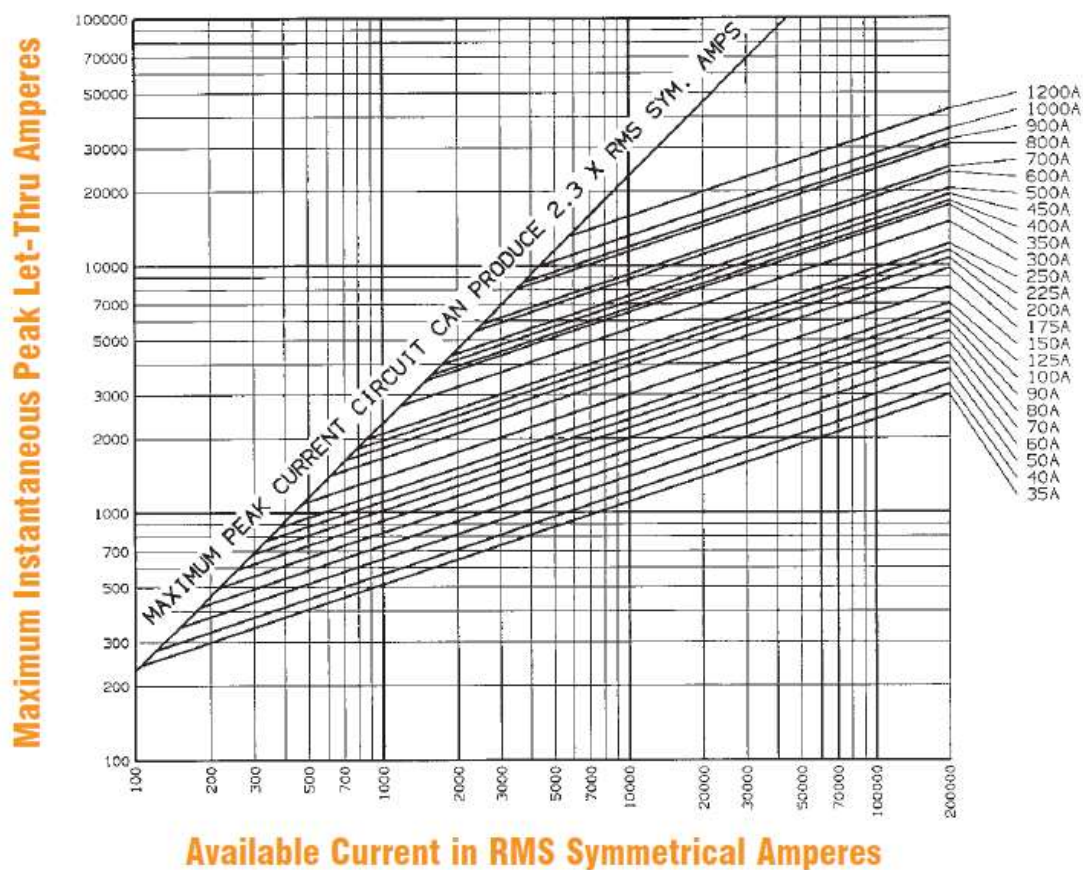
Main Characteristics 技术参数 电压Voltage: 500VAC/DC 电流Current: from 35A to 1200A

Time Current characteristic curve 时间电流特性曲线:

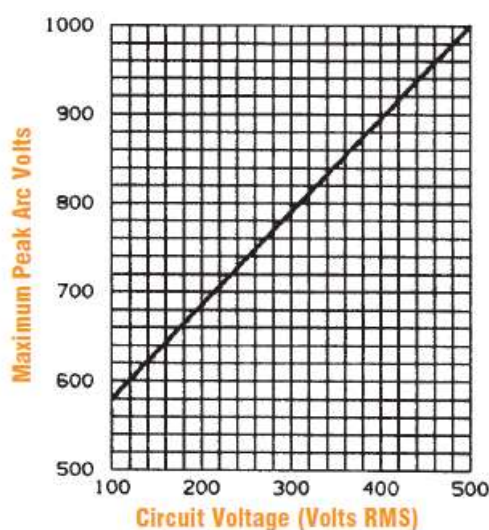


Main Characteristics 技术参数 电压Voltage: 500VAC/DC 电流Current: from 35A to 1200A

Cut-Off Current characteristic限流特性曲线:



Maximum Arc Volts vs. System Voltage电弧电压和工作电压曲线:

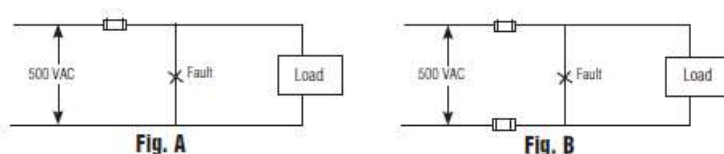


Main Characteristics 技术参数 电压Voltage: 500VAC/DC 电流Current: from 35A to 1200A

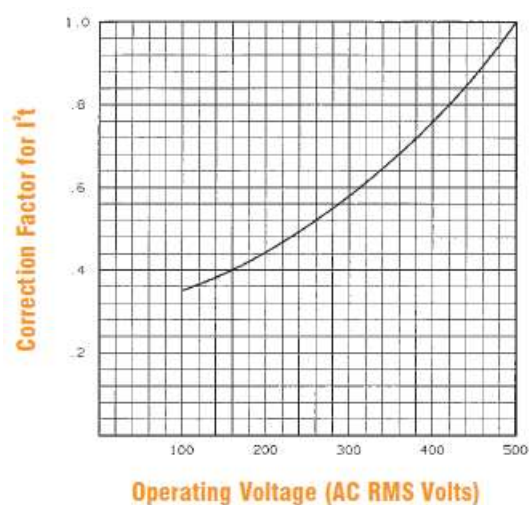
I²t Data – 500 Volts AC

Ampere 电流 (A)	Pre-arcing I ² t 弧前 (KA ² S)	I ² t @500VAC (A ² S)熔断	
		A FUSE (KA ² S)	B FUSE (KA ² S)
35A	0.09KA ² S	0.56KA ² S	0.34KA ² S
40A	0.11KA ² S	0.69KA ² S	0.4KA ² S
50A	0.18KA ² S	1.1KA ² S	0.68KA ² S
60A	0.25KA ² S	1.6KA ² S	0.94KA ² S
70A	0.31KA ² S	1.9KA ² S	1.1KA ² S
80A	0.43KA ² S	2.6KA ² S	1.5KA ² S
90A	0.57KA ² S	3.6KA ² S	2.1KA ² S
100A	0.74KA ² S	4.4KA ² S	2.7KA ² S
125A	0.94KA ² S	5.6KA ² S	3.4KA ² S
150A	1.5KA ² S	9KA ² S	5.4KA ² S
175A	2.5KA ² S	15KA ² S	9KA ² S
200A	3.3KA ² S	20KA ² S	12KA ² S
225A	4.1KA ² S	25KA ² S	15KA ² S
250A	4.9KA ² S	29KA ² S	18KA ² S
275A	6.4KA ² S	32KA ² S	26KA ² S
300A	8.1KA ² S	55KA ² S	33KA ² S
325A	9.2KA ² S	64KA ² S	42KA ² S
350A	15KA ² S	88KA ² S	53KA ² S
400A	16KA ² S	98KA ² S	59KA ² S
450A	21KA ² S	130KA ² S	76KA ² S
500A	26KA ² S	160KA ² S	94KA ² S
600A	37KA ² S	220KA ² S	130KA ² S
700A	53KA ² S	270KA ² S	160KA ² S
800A	72KA ² S	360KA ² S	220KA ² S
900A	98KA ² S	500KA ² S	300KA ² S
1000A	112KA ² S	560KA ² S	330KA ² S
1200A	200KA ² S	930KA ² S	550KA ² S

熔断器工作电路图



Clearing I²t vs. AC Operating Voltage熔断I²t和工作电压曲线:



ACCESSORIES熔断器支撑件:



高强度陶瓷

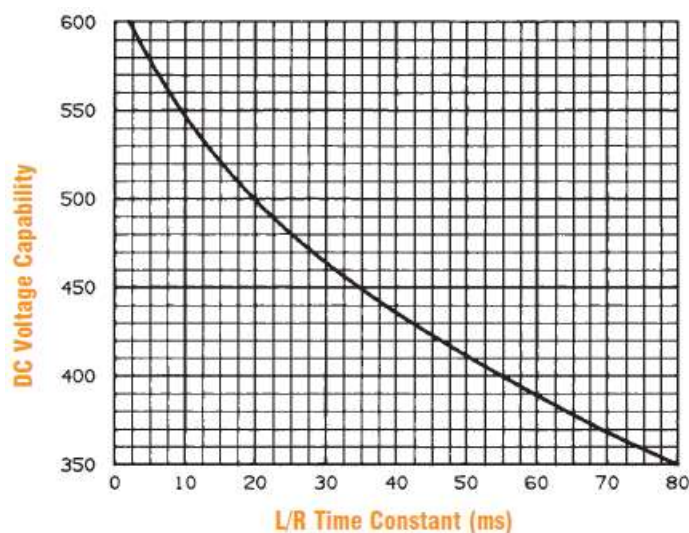
具体尺寸咨询技术

Main Characteristics 技术参数 电压Voltage: 500VAC/DC 电流Current: from 35A to 1200A

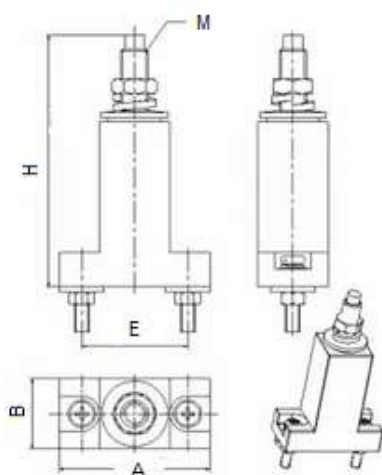
I²t Data – 500 Volts DC Clearing I²t at 500V DC, 100kA, L/R = 10 ms

Ampere 电流(A)	I ² t @500VDC 熔断(KA ² S)	Ampere 电流(A)	I ² t@500VD C 熔断 (KA ² S)
35A	0.48KA ² S	275A	35KA ² S
40A	0.58KA ² S	300A	47KA ² S
50A	1.0KA ² S	325A	56KA ² S
60A	1.3KA ² S	350A	75KA ² S
70A	1.6KA ² S	400A	83KA ² S
80A	2.2KA ² S	450A	110KA ² S
90A	3.0KA ² S	500A	130KA ² S
100A	3.8KA ² S	600A	190KA ² S
125A	4.8KA ² S	700A	220KA ² S
150A	7.7KA ² S	800A	260KA ² S
175A	13KA ² S	900A	350KA ² S
200A	17KA ² S	1000A	430KA ² S
225A	21KA ² S	1200A	660KA ² S
250A	25KA ² S		

DC Voltage Capability vs Time Constant 直流电压和时间常数曲线图



ACCESSORIES 熔断器支撑件安装示意图:



具体尺寸咨询技术



Main Characteristics 技术参数 电压Voltage: 700VAC/DC 电流Current: from 35A to 800A

Ferrule Semiconductor Protection fuses were developed for DC drives, uninterruptable power supplies and similar Applications requiring better protection (lower I²t) and superior reliability. The Ferrule semiconductor fuse is typically used for replacement.

圆柱型快速熔断器为直流驱动、UPS不间断电源提供最佳保护。具有I²t 值低、安全可靠、便于更换的特点。

额定电压Voltage 700VAC、700VDC;
电流范围Current rating (In)= 35A to 800A(AC)、(In)= 35A to 800A(DC)
分断能力Interrupting Rating IR = 100KA(AC), IR = 79KA(DC) L/R ≤10ms.

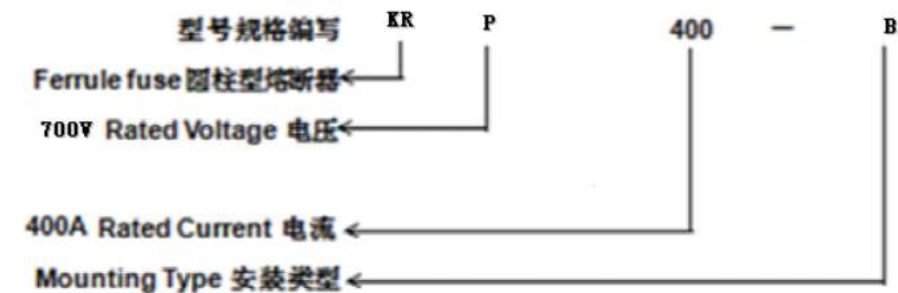
FEATURES & BENEFITS 功能和优点:	AQSPLICATIONS 应用:	STANDARDS 标准:
• Low I ² t minimizes damage to protected components on short circuit 低I ² t可以保护短路电流对器件的损坏。 • Controlled arc voltage reduces stress to circuit components during fuse clearing 熔断过程时电弧电压低 • Very fast acting 快速动作 • Current limiting限流特性 • Low I ² t 低I ² t值	• Protection of DC drives, UPS and other equipment of 700 volts or less 保护≤700V 电压直流驱动和 UPS 不间断电源	• UL Recognized Component UL File 60314 • AC: UL Guide No. JFHR2 (10-800A) • DC: UL Guide No. JFHR2 (35-800A)

Single Pole Fuse Blocks for Fuses 单极底座

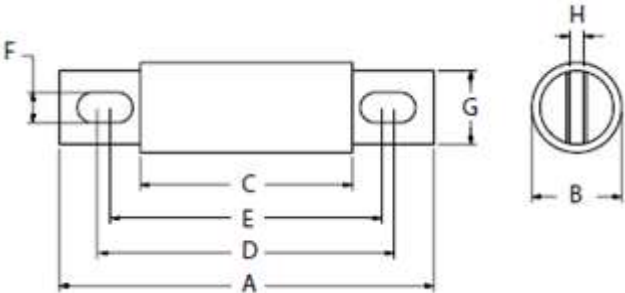
Fuse Ampere Rating 熔断器电流	Mounting Type 安装类型	Fuse Block Catalog Number 底座代码
35A~200A	B 型	E70M8-200
225A~600A	B 型	E70M10-600
700A~800A	B 型	E70M12-800



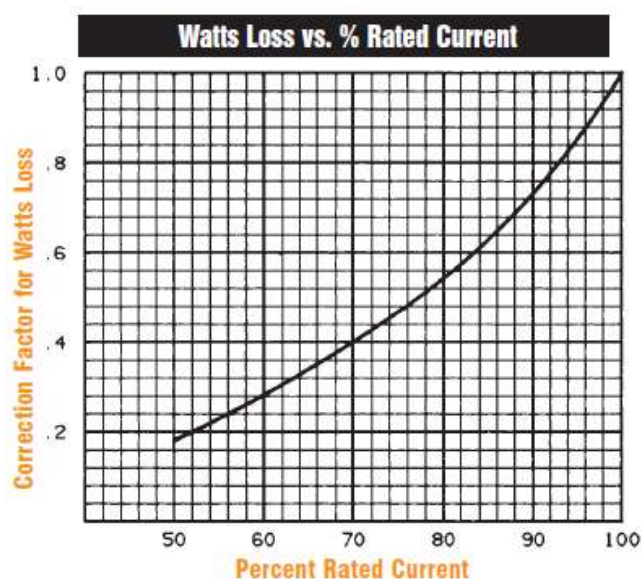
Catalog Numbering System 型号规格编写说明



Main Characteristics 技术参数 电压Voltage: 700VAC/DC 电流 Current: from 35A to 800A

Designation Type 型号规格	Ampere 电流 (A)	Designation Type 型号规格	Ampere 电流 (A)	DIMENSIONS安装尺寸示意图(mm)									
KRP-35B	35A	KRP-225B	225A										
KRP-40B	40A	KRP-250B	250A										
KRP-50B	50A	KRP-275B	275A										
KRP-60B	60A	KRP-300B	300A										
KRP-70B	70A	KRP-325B	325A										
KRP-80B	80A	KRP-350B	350A										
KRP-90B	90A	KRP-400B	400A										
KRP-100B	100A	KRP-450B	450A										
KRP-125B	125A	KRP-500B	500A										
KRP-150B	150A	KRP-600B	600A										
KRP-175B	175A	KRP-700B	700A										
KRP-200B	200A	KRP-800B	800A										
				型号 规格	A	B	C	D	E	F	G	H	安装 距离
				35A~60A	114	Φ20	73	99	86	9	15	3	92.5±2
				70A~100A	114	Φ25	73	99	86	9	18	3	92.5±2
				125A~200A	114	Φ30	73	96	86	9	22	5	92±2
				225A~400A	132	Φ38	72	110	86	10.5	25	6	98±2
				450A~600A	130	Φ51	72	110	87	10.5	38	6	98±2
				700A~800A	180	Φ64	72	135	105	13.5	50	10	126±2

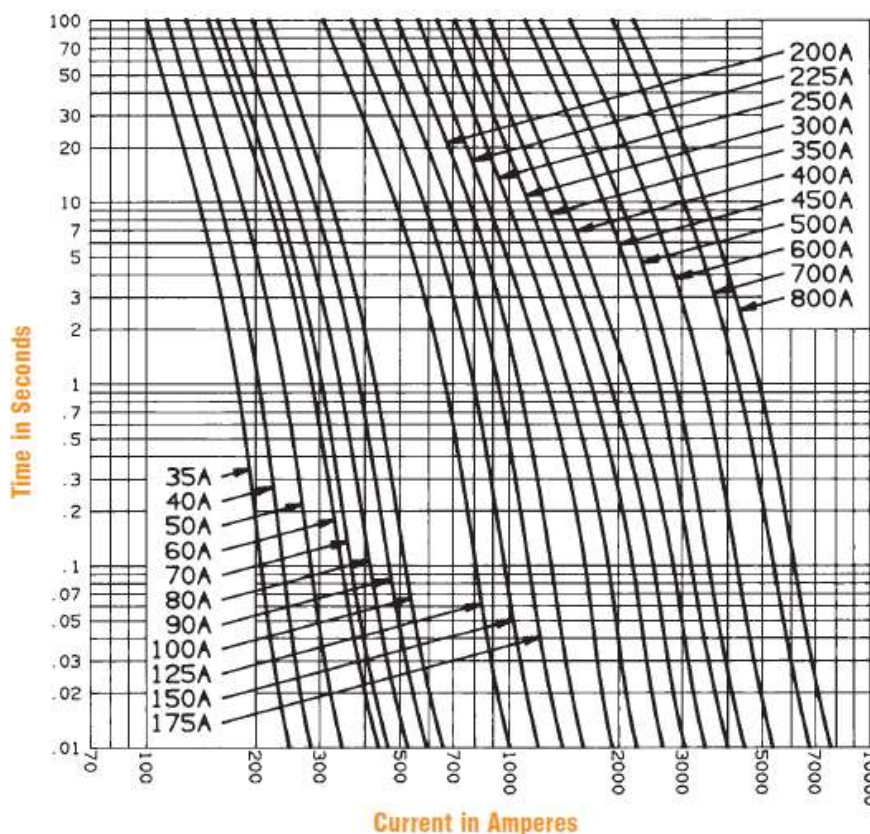
Watts Loss VS %Rated Current功耗和工作电流曲线



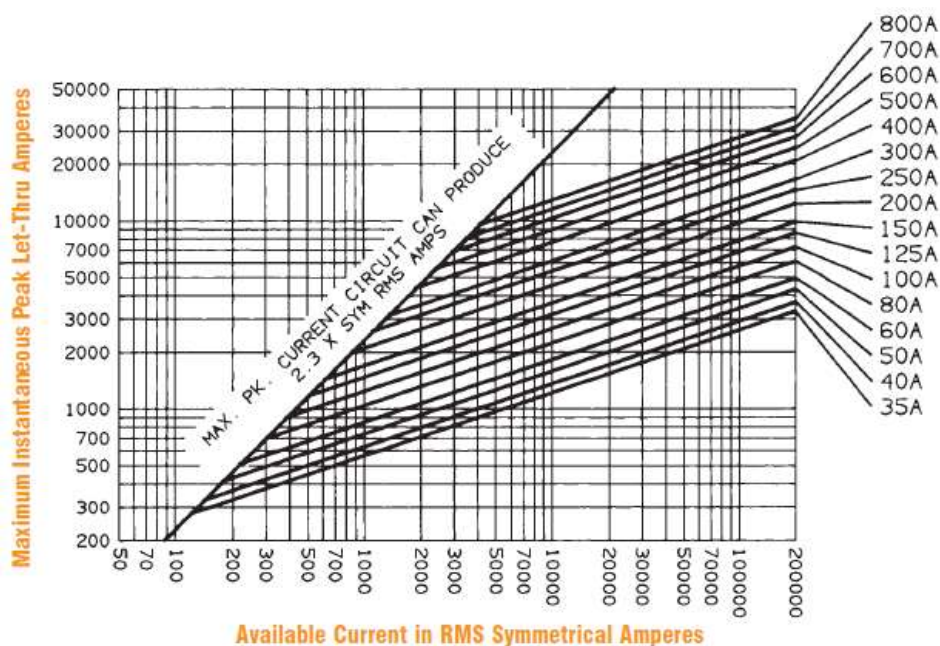
Ampere 电流(A)	Watts Loss(W) 功耗In	Ampere 电流(A)	Watts Loss(W) 功耗In
35A	6.2w	225A	37w
40A	7.5w	250A	42w
50A	9.8w	275A	47w
60A	12w	300A	53w
70A	15w	325A	55w
80A	18w	350A	64w
90A	20w	400A	75w
100A	24w	450A	78w
125A	22w	500A	92w
150A	29w	600A	116w
175A	35w	700A	125w
200A	41w	800A	143w

Main Characteristics 技术参数 电压Voltage: 700VAC/DC 电流 Current: from 35A to 800A

Time Current characteristic curve 时间电流特性曲线:



Cut-Off Current characteristic限流特性曲线:



Main Characteristics技术参数 电压Voltage: 700VAC/DC 电流 Current: from 35A to 800A

I²t Data – 700 Volts AC电气数据:

Ampere 电流 (A)	Pre-arcing I ² t 弧前 (KA ² S)	I ² t @700VAC (A ² S)熔断	
		A FUSE (KA ² S)	B FUSE (KA ² S)
35A	0.13KA ² S	0.47KA ² S	0.27KA ² S
40A	0.16KA ² S	0.58KA ² S	0.33KA ² S
50A	0.24KA ² S	0.86KA ² S	0.49KA ² S
60A	0.32KA ² S	1.2KA ² S	0.69KA ² S
70A	0.5KA ² S	1.8KA ² S	1.0KA ² S
80A	0.65KA ² S	2.3KA ² S	1.3KA ² S
90A	0.83KA ² S	3.0KA ² S	1.7KA ² S
100A	1.0KA ² S	3.6KA ² S	2.1KA ² S
125A	2.1KA ² S	6.9KA ² S	4.0KA ² S
150A	3.3KA ² S	11KA ² S	6.3KA ² S
175A	4.2KA ² S	14KA ² S	8.0KA ² S
200A	5.9KA ² S	19KA ² S	11KA ² S
225A	9.0KA ² S	30KA ² S	17KA ² S
250A	12.6KA ² S	42KA ² S	24KA ² S
275A	14.5KA ² S	40KA ² S	28KA ² S
300A	16.7KA ² S	55KA ² S	32KA ² S
325A	18.8KA ² S	64KA ² S	36KA ² S
350A	21.5KA ² S	72KA ² S	41KA ² S
400A	29.7KA ² S	99KA ² S	57KA ² S
450A	36.7KA ² S	125KA ² S	72KA ² S
500A	47.1KA ² S	160KA ² S	92KA ² S
600A	65.2KA ² S	222KA ² S	127KA ² S
700A	103.6KA ² S	332KA ² S	190KA ² S
800A	135.3KA ² S	433KA ² S	248KA ² S

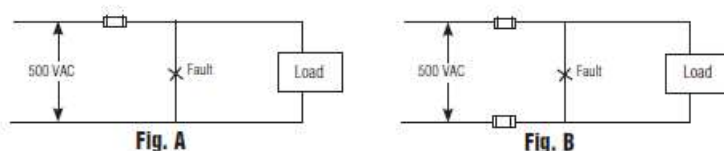
ACCESSORIES熔断器支撑件:



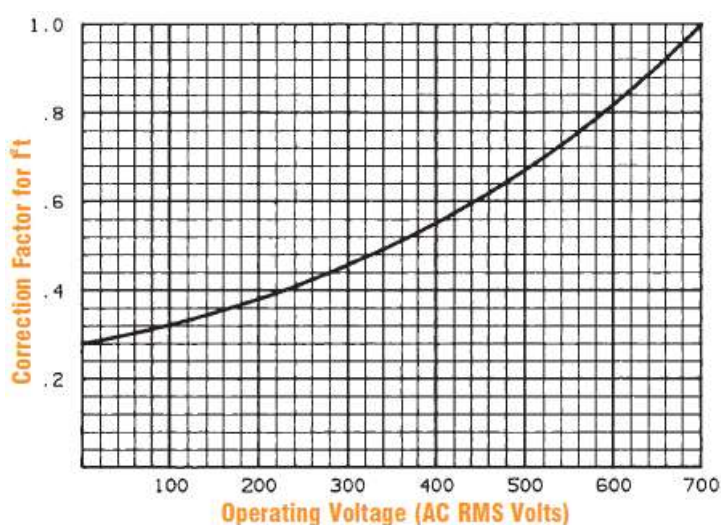
高强度陶瓷

具体尺寸咨询技术

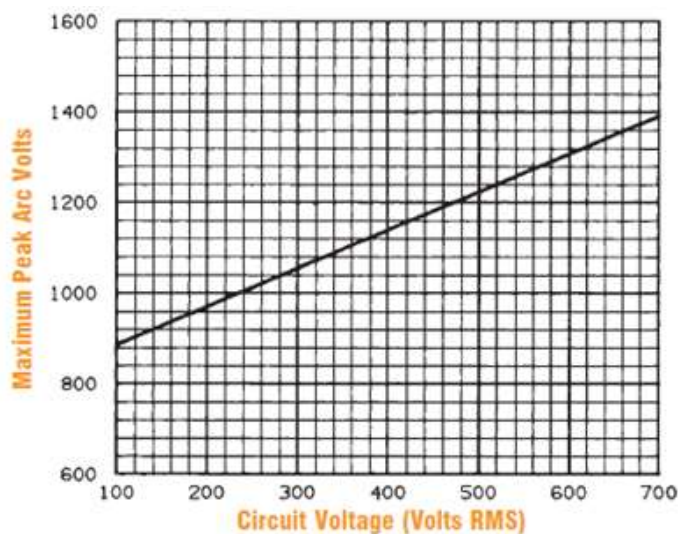
熔断器工作电路图



Clearing I²t vs. AC Operating Voltage熔断I²t和工作电压曲线:



Maximum Arc Volts vs. System Voltage 电弧电压和工作电压曲线:

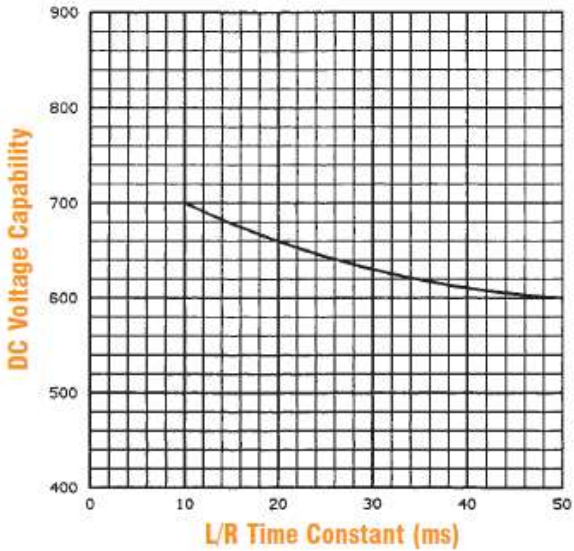


Main Characteristics技术参数 电压Voltage: 700VAC/DC 电流Current: from 35A to 800A

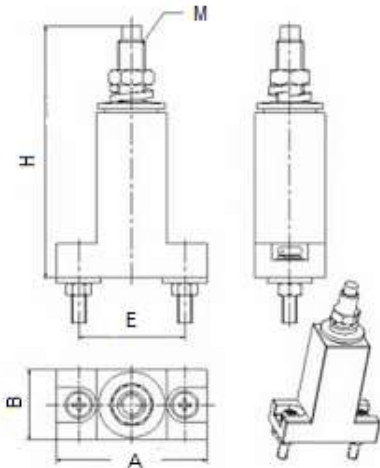
I²t Data – 700 Volts DC 电气数据 Clearing I²t at 700V DC, 100kA, L/R = 10 ms

Ampere 电流(A)	I²t @700VDC 熔断(KA²S)	Ampere 电流(A)	I²t@700VD C 熔断 (KA²S)
35A	0.25KA²S	225A	21.5KA²S
40A	0.35KA²S	250A	27.5KA²S
50A	0.6KA²S	275A	33.5KA²S
60A	0.9KA²S	300A	42KA²S
70A	1.3KA²S	325A	55.2KA²S
80A	1.8KA²S	350A	63KA²S
90A	2.4KA²S	400A	85KA²S
100A	3.1KA²S	450A	115KA²S
125A	5.3KA²S	500A	150KA²S
150A	8.1KA²S	600A	201KA²S
175A	12KA²S	700A	325KA²S
200A	16KA²S	800A	450KA²S

DC Voltage Capability vs Time Constant 直流电压和时间常数曲线图



ACCESSORIES 熔断器支撑件安装示意图:



具体尺寸咨询技术



Main Characteristics 技术参数 电压Voltage: 1000VAC/DC 电流Current: from 35A to 800A

Ferrule Semiconductor Protection fuses were developed for DC drives, uninterruptable power supplies and similar Applications requiring better protection (lower I²t) and superior reliability. The Ferrule semiconductor fuse is typically used for replacement.

圆柱型快速熔断器为直流驱动、UPS不间断电源提供最佳保护。具有I²t 值低、安全可靠、便于更换的特点。

额定电压Voltage 1000VAC、1000VDC;

电流范围Current rating (In)= 35A to 800A(AC)、(In)= 35A to 800A(DC)

分断能力Interrupting Rating IR = 100KA(AC), IR = 79KA(DC) L/R ≤10ms.

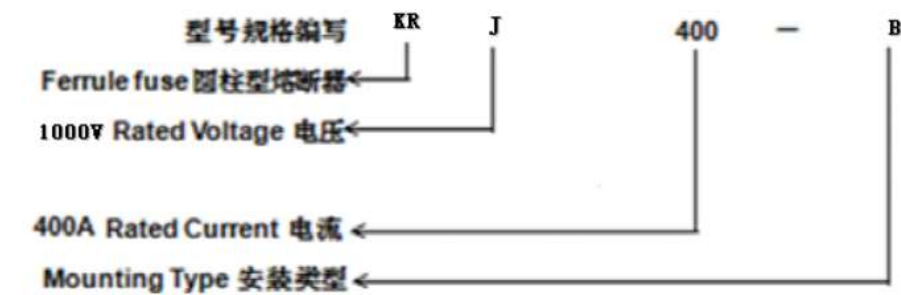
FEATURES & BENEFITS 功能和优点:	AQSPLICATIONS 应用:	STANDARDS 标准:
• Low I ² t minimizes damage to protected components on short circuit	• Protection of DC drives, UPS and other equipment of 1000 volts or less	• UL Recognized Component UL File 60314
低I ² t可以保护短路电流对器件的损坏。	保护≤1000V 电压直流驱动和 UPS 不间断电源	• AC: UL Guide No. JFHR2 (10-800A) • DC: UL Guide No. JFHR2 (35-800A)
• Controlled arc voltage reduces stress to circuit components during fuse clearing		
熔断过程时电弧电压低		
•Very fast acting 快速动作		
•Current limiting限流特性		
• Low I ² t 低I ² t值		

Single Pole Fuse Blocks for Fuses 单极底座

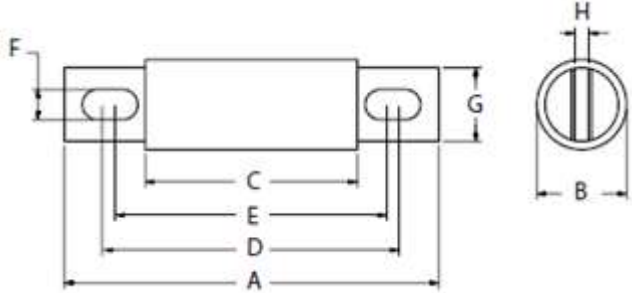
Fuse Ampere Rating	Mounting Type	Fuse Block Catalog
熔断器电流	安装类型	Number 底座代码
35A~100A	B 型	E100M8-100
125A~200A	B 型	E100M8-200
225A~600A	B 型	E100M10-600
700A~800A	B 型	E100M10-800



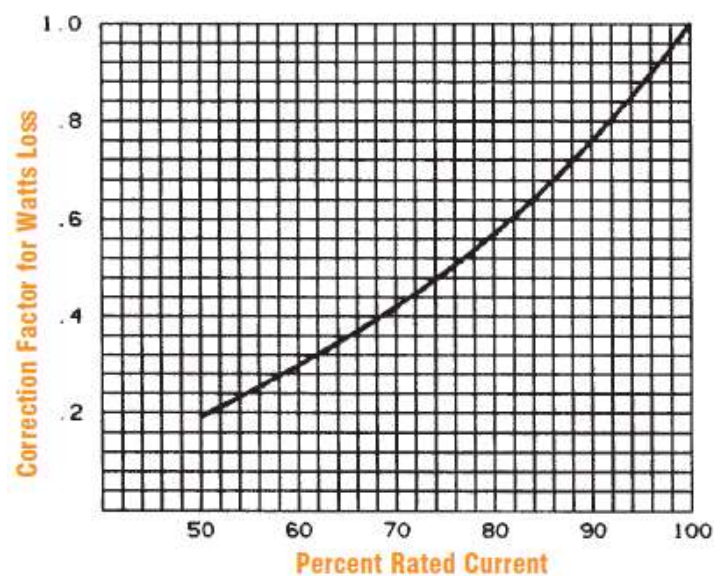
Catalog Numbering System 型号规格编写说明



Main Characteristics 技术参数 电压Voltage: 1000VAC/DC 电流Current: from 35A to 800A

Designation Type 型号规格	Ampere 电流 (A)	Designation Type 型号规格	Ampere 电流 (A)	DIMENSIONS安装尺寸示意图(mm)																																																																											
KRJ-35B	35A	KRJ-225B	225A																																																																												
KRJ-40B	40A	KRJ-250B	250A																																																																												
KRJ-50B	50A	KRJ-275B	275A																																																																												
KRJ-60B	60A	KRJ-300B	300A																																																																												
KRJ-70B	70A	KRJ-325B	325A																																																																												
KRJ-80B	80A	KRJ-350B	350A																																																																												
KRJ-90B	90A	KRJ-400B	400A																																																																												
KRJ-100B	100A	KRJ-450B	450A																																																																												
KRJ-125B	125A	KRJ-500B	500A																																																																												
KRJ-150B	150A	KRJ-600B	600A																																																																												
KRJ-175B	175A	KRJ-700B	700A																																																																												
KRJ-200B	200A	KRJ-800B	800A																																																																												
				<table border="1"> <thead> <tr> <th>型号规格</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>F</th><th>G</th><th>H</th><th>安装距离</th></tr> </thead> <tbody> <tr> <td>35A~60A</td><td>129</td><td>Φ20</td><td>89</td><td>115</td><td>101</td><td>9</td><td>15</td><td>3</td><td>109±2</td></tr> <tr> <td>70A~100A</td><td>129</td><td>Φ25</td><td>89</td><td>115</td><td>101</td><td>9</td><td>18</td><td>3</td><td>109±2</td></tr> <tr> <td>125A~200A</td><td>128</td><td>Φ30</td><td>89</td><td>112</td><td>100</td><td>9</td><td>22</td><td>5</td><td>107±2</td></tr> <tr> <td>225A~400A</td><td>148</td><td>Φ38</td><td>88</td><td>128</td><td>102</td><td>10.5</td><td>25</td><td>6</td><td>114±2</td></tr> <tr> <td>450A~600A</td><td>146</td><td>Φ51</td><td>88</td><td>126</td><td>103</td><td>10.5</td><td>38</td><td>6</td><td>114±2</td></tr> <tr> <td>700A~800A</td><td>196</td><td>Φ64</td><td>88</td><td>164</td><td>118</td><td>13.5</td><td>50</td><td>10</td><td>142±2</td></tr> </tbody> </table>						型号规格	A	B	C	D	E	F	G	H	安装距离	35A~60A	129	Φ20	89	115	101	9	15	3	109±2	70A~100A	129	Φ25	89	115	101	9	18	3	109±2	125A~200A	128	Φ30	89	112	100	9	22	5	107±2	225A~400A	148	Φ38	88	128	102	10.5	25	6	114±2	450A~600A	146	Φ51	88	126	103	10.5	38	6	114±2	700A~800A	196	Φ64	88	164	118	13.5	50	10	142±2
型号规格	A	B	C	D	E	F	G	H	安装距离																																																																						
35A~60A	129	Φ20	89	115	101	9	15	3	109±2																																																																						
70A~100A	129	Φ25	89	115	101	9	18	3	109±2																																																																						
125A~200A	128	Φ30	89	112	100	9	22	5	107±2																																																																						
225A~400A	148	Φ38	88	128	102	10.5	25	6	114±2																																																																						
450A~600A	146	Φ51	88	126	103	10.5	38	6	114±2																																																																						
700A~800A	196	Φ64	88	164	118	13.5	50	10	142±2																																																																						

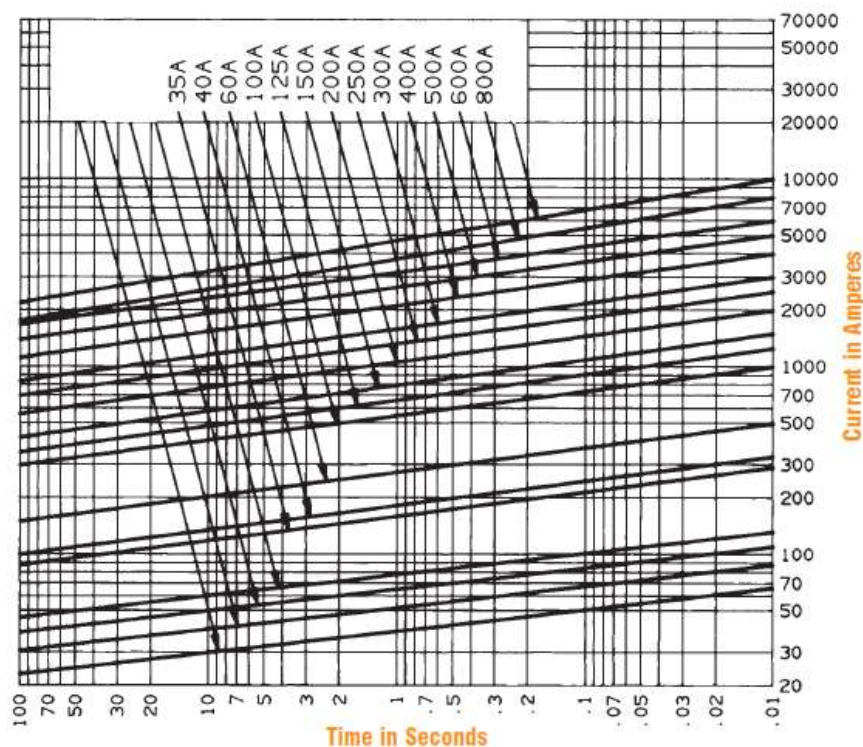
Watts Loss VS %Rated Current功耗和工作电流曲线



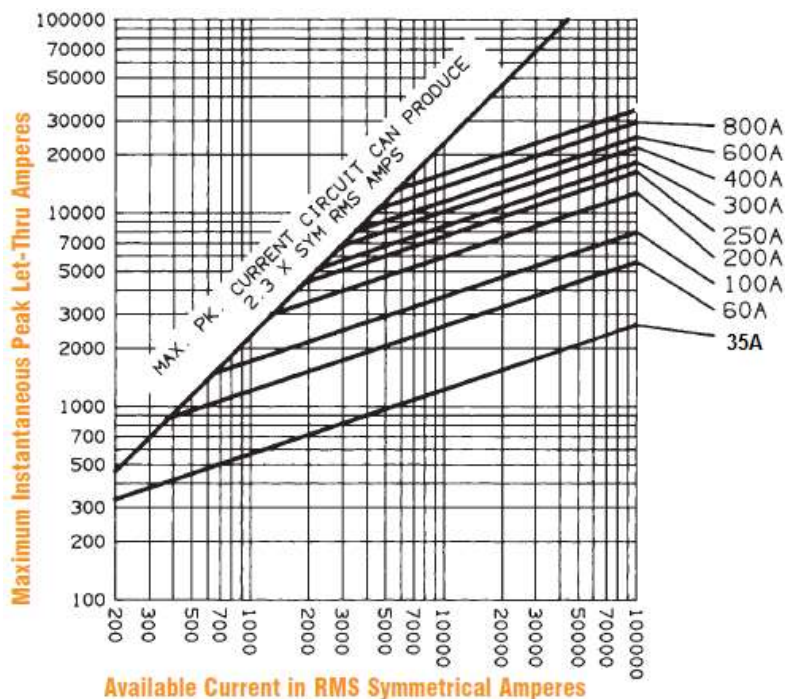
Ampere 电流(A)	Watts Loss(W) 功耗In	Ampere 电流(A)	Watts Loss(W) 功耗In
35A	7.3w	225A	40w
40A	8.3w	250A	45w
50A	11w	275A	49w
60A	13w	300A	55w
70A	13w	325A	60w
80A	14w	350A	65w
90A	17w	400A	70w
100A	18w	450A	83w
125A	23w	500A	90w
150A	28w	600A	110w
175A	35w	700A	125w
200A	36w	800A	140w

Main Characteristics 技术参数 电压Voltage: 1000VAC/DC 电流Current: from 35A to 800A

Time Current characteristic curve 时间电流特性曲线:



Cut-Off Current characteristic 限流特性曲线:



Main Characteristics技术参数 电压Voltage: 1000VAC/DC 电流Current: from 35A to 800A

I²t Data – 1000 Volts AC电气数据:

Ampere 电流 (A)	Pre-arcing I ² t 弧前 (KA ² S)	I ² t @1000VAC (A ² S)熔断
		A FUSE (KA ² S)
35A	0.29KA ² S	2.2KA ² S
40A	0.38KA ² S	2.9KA ² S
50A	0.6KA ² S	4.5KA ² S
60A	0.86KA ² S	6.5KA ² S
70A	1.2KA ² S	8.8KA ² S
80A	1.5KA ² S	12KA ² S
90A	1.8KA ² S	15KA ² S
100A	2.4KA ² S	18KA ² S
125A	3.8KA ² S	28KA ² S
150A	5.4KA ² S	41KA ² S
175A	7.5KA ² S	62KA ² S
200A	9.6KA ² S	72KA ² S
225A	12KA ² S	93KA ² S
250A	15KA ² S	110KA ² S
275A	18KA ² S	135KA ² S
300A	22KA ² S	160KA ² S
325A	26KA ² S	183KA ² S
350A	29KA ² S	220KA ² S
400A	38KA ² S	290KA ² S
450A	55KA ² S	360KA ² S
500A	60KA ² S	450KA ² S
600A	86KA ² S	650KA ² S
700A	120KA ² S	880KA ² S
800A	150KA ² S	1200KA ² S

ACCESSORIES熔断器支撑件:



高强度陶瓷

具体尺寸咨询技术

熔断器工作电路图

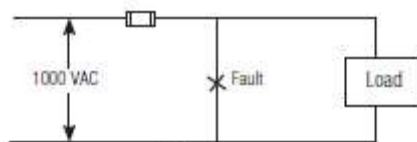
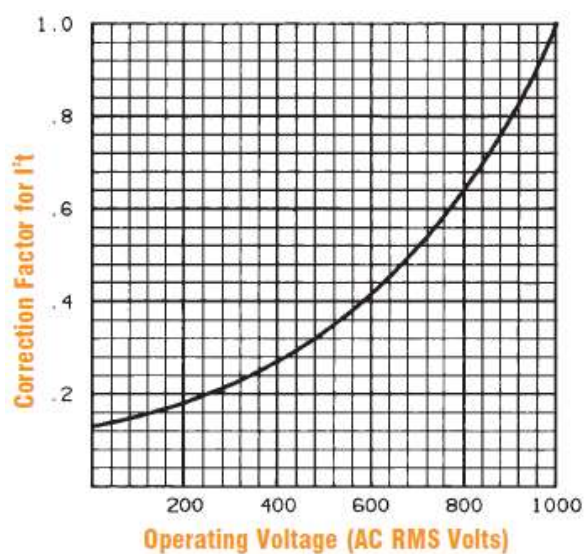
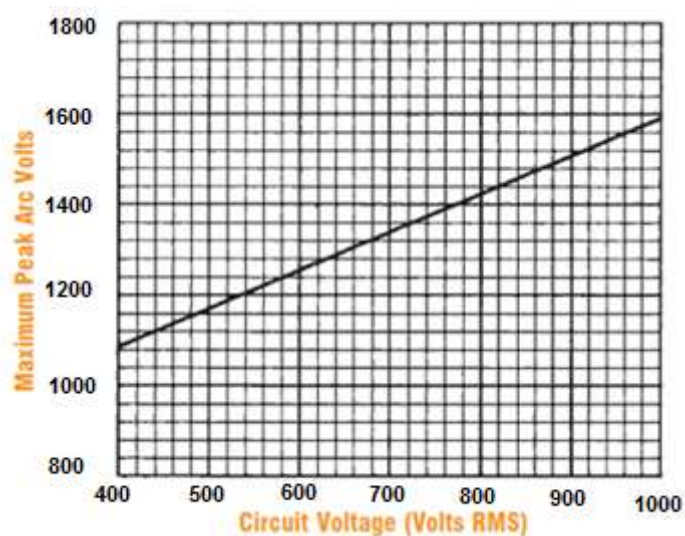


Fig. A

Clearing I²t vs. AC Operating Voltage熔断I²t和工作电压曲线:

Maximum Arc Volts vs. System Voltage 电弧电压和工作电压曲线:

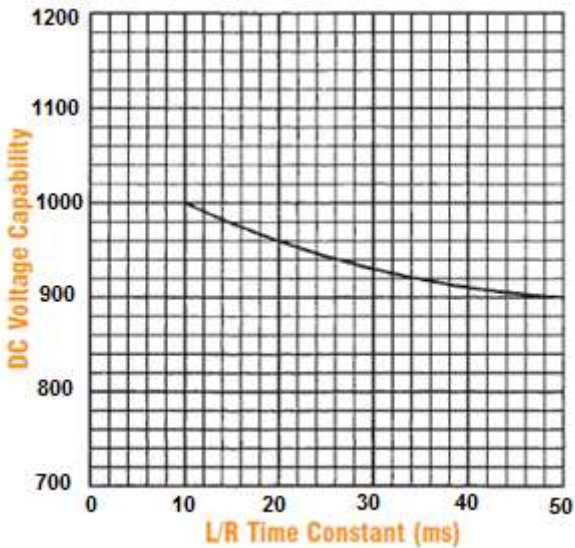


Main Characteristics技术参数 电压Voltage: 1000VAC/DC 电流Current: from 35A to 800A

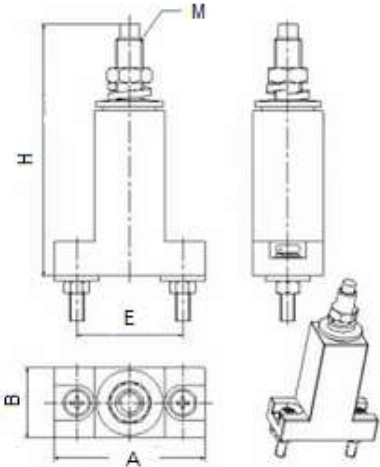
I²t Data – 1000 Volts DC 电气数据 Clearing I²t at 1000V DC, 100kA, L/R = 10 ms

Ampere 电流(A)	I²t @1000VDC 熔断(KA²S)	Ampere 电流(A)	I²t@1000VDC 熔断(KA²S)
35A	2.64KA²S	225A	111.6KA²S
40A	3.48KA²S	250A	132KA²S
50A	5.4KA²S	275A	162KA²S
60A	7.8KA²S	300A	192KA²S
70A	10.56KA²S	325A	219KA²S
80A	14.4KA²S	350A	264KA²S
90A	18KA²S	400A	348KA²S
100A	21.6KA²S	450A	456KA²S
125A	33.6KA²S	500A	540KA²S
150A	49.2KA²S	600A	780KA²S
175A	74.4KA²S	700A	1056KA²S
200A	86.4KA²S	800A	1440KA²S

DC Voltage Capability VS Time Constant 直流电压和时间常数曲线图



ACCESSORIES 熔断器支撑件安装示意图:



具体尺寸咨询技术



Main Characteristics主要技术参数: 电压等级:690VAC~750VDC IEC; 700VAC~800VDC UL

电流: from 25A to 350A 分断能力High interrupting rating 200kA. 执行标准Standard IEC 60269-4 、UL 248-1.

Size 瓷管 代号	Catalog Numbers 订货号	Voltage电压等级(V)		Ampere 电流 (A)	Watts Loss(W) 功耗		I ² t @690VAC 熔断I ² t(A ² S)	
		Un(ac)	Un(dc)		0.8I _n	I _n	Pre-arctingI ² t @1ms A ² S 弧前 I ² t	Total cleaingI ² t @Un A ² S 熔断 I ² t
000FU/75	109M1750	690VAC	750VDC	25A	5.0W	12W	25A ² S	135A ² S
	109M1751	690VAC	750VDC	32A	5.5W	13W	45A ² S	240A ² S
	109M1752	690VAC	750VDC	40A	6.6W	14W	75A ² S	395A ² S
	109M1753	690VAC	750VDC	50A	7.7W	16W	135A ² S	695A ² S
	109M1754	690VAC	750VDC	63A	8.8W	17W	260A ² S	1350A ² S
	109M1755	690VAC	750VDC	80A	8.9W	20W	460A ² S	2350A ² S
	109M1756	690VAC	750VDC	100A	11W	25W	795A ² S	4000A ² S
	109M1757	690VAC	750VDC	125A	12W	29W	1300A ² S	6800A ² S
	109M1758	690VAC	750VDC	160A	17W	34W	2550A ² S	13500A ² S
	109M1759	690VAC	750VDC	200A	20W	40W	4350A ² S	22000A ² S
	109M1760	690VAC	750VDC	250A	25W	48W	7400A ² S	37500A ² S
	109M1761	690VAC	750VDC	315A	32W	60W	12500A ² S	65000A ² S
	109M1762	690VAC	750VDC	350A	33W	65W	17000A ² S	88000A ² S

Interrupting rating 200kA RMS Symmetrical (Estimated), 预期最大分断能力200KA。Class类别: gR.全范围保护类型。

Optimized for use in IGBT inverter circuits with DC-link voltages up to 800Vdc, 用于DC800VIGBT组成的逆变器电路。

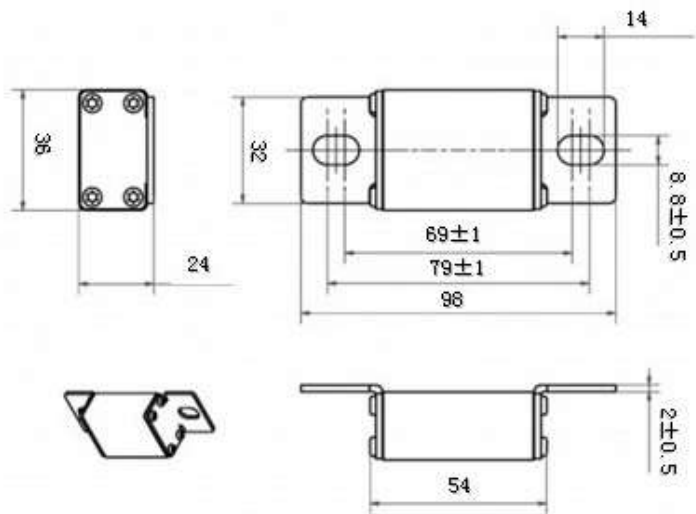
Low inductance < 15 nH 电路电感≤15nH。

Watt Loss provided at rated current 功耗是在额定电流下提供。

Tested at 863Vac. to IEC 60269-4 执行IEC269-4标准在863VAC电压下测试。

Tested at 800Vac. to UL 248-1 (Pending) 执行UL248-1标准在800VAC电压下测试。

Dimensions (mm) (000/75) 安装尺寸示意图



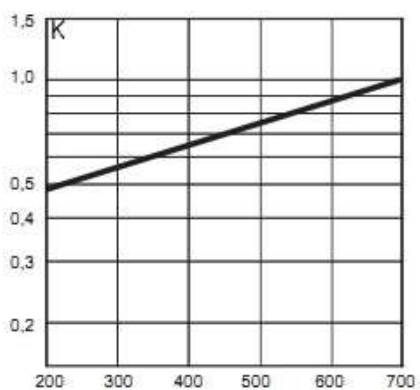
Main Characteristics 主要技术参数: 电压等级:690VAC~750VDC IEC; 700VAC~800VDC UL

电流: from 25A to 350A 分断能力High interrupting rating 200kA. 执行标准Standard IEC 60269-4、UL 248-1.

Electrical characteristics 电气特性:

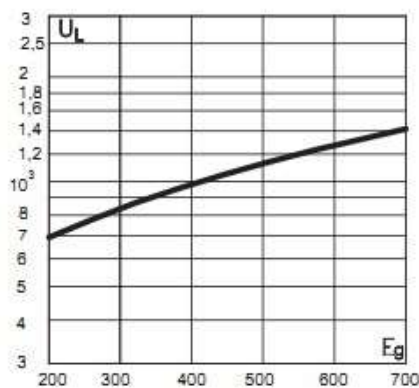
Total clearing I²t 熔断I²t:

The total clearing I²t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I t is found by multiplying by correction factor, K, given as a function of applied working voltage, E,(RMS) 熔断I²t是在额定电压功率因数15%条件下给出, 其他电压参考下图K曲线。



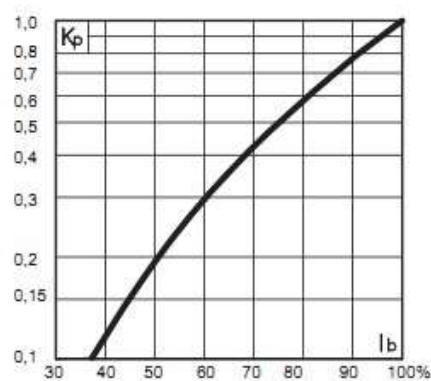
Arc Voltage 电弧电压

This curve gives the peak arc voltage, U, which may appear across the fuse L during its operation as a function of the applied working voltage E, (RMS) at a power factor of 15%在功率因数15%条件下熔断器两端的过电压和工作电压的关系见下曲线。



Power Losses 功耗:

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the power losses at load currents lower than the rated current. The correction factor, K_p, is given as a function of the RMS load current, I, in % of the rated current.在额定电流下的功耗已给出, 低于额定电流下的功耗参考下表中的 K_p修正系数。



Main Characteristics主要技术参数: 电压等级:690VAC~750VDC IEC; 700VAC~800VDC UL

电流:from 100A to 630A 分断能力High interrupting rating 200kA. 执行标准Standard IEC 60269-4 、UL 248-1.

Size 瓷管代号	Catalog Numbers 订货号	Voltage电压等级(V)		Ampere 电流 (A)	Watts Loss(W) 功耗		I ² t @690VAC 熔断I ² t(A ² S)	
		Un(ac)	Un(dc)		0.8I _n	I _n	Pre-arctingI ² t @1ms A ² S 弧前 I ² t	Total cleaingI ² t @Un A ² S 熔断 I ² t
230FU/75	109M2770	690VAC	750VDC	100A	18W	35W	380A ² S	1950A ² S
	109M2771	690VAC	750VDC	125A	20W	42W	645A ² S	3300A ² S
	109M2772	690VAC	750VDC	160A	22W	47W	1350A ² S	7000A ² S
	109M2773	690VAC	750VDC	200A	26W	54W	2550A ² S	13500A ² S
	109M2774	690VAC	750VDC	250A	30W	63W	4950A ² S	25000A ² S
	109M2775	690VAC	750VDC	315A	33W	72W	9350A ² S	47500A ² S
	109M2776	690VAC	750VDC	350A	37W	78W	12000A ² S	61000A ² S
	109M2777	690VAC	750VDC	400A	39W	80W	18500A ² S	94500A ² S
	109M2778	690VAC	750VDC	450A	42W	85W	27000A ² S	140000A ² S
	109M2779	690VAC	750VDC	500A	44W	90W	37500A ² S	190000A ² S
	109M2780	690VAC	750VDC	550A	46W	95W	48500A ² S	245000A ² S
	109M2781	690VAC	750VDC	630A	53W	105W	69500A ² S	355000A ² S

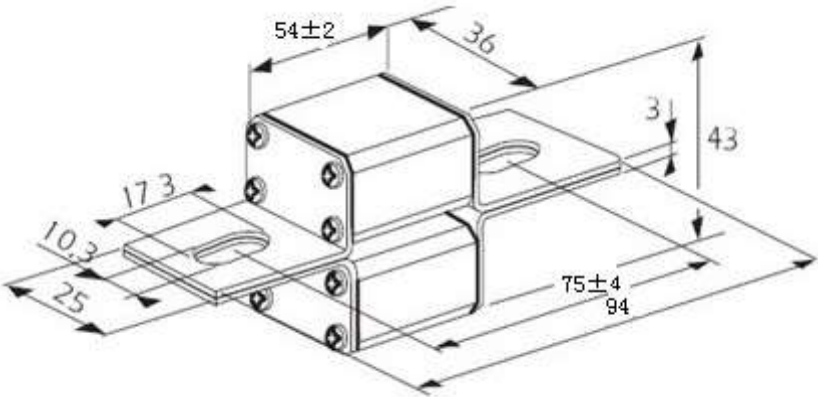
Interrupting rating 200kA RMS Symmetrical (Estimated), 预期最大分断能力200KA。Class类别: gR.全范围保护类型。

Optimized for use in IGBT inverter circuits with DC-link voltages up to 800Vdc, 用于DC800VIGBT组成的逆变器电路。

Low inductance < 15 nH 电路电感≤15nH。 Watt Loss provided at rated current 功耗是在额定电流下提供。

Tested at 863Vac. to IEC 60269-4 执行IEC269-4标准在863VAC电压下测试。 Tested at 800Vac. to UL 248-1 (Pending) 执行UL248-1标准在800VAC电压下测试。

Dimensions (mm) (230/75) 安装尺寸示意图



Main Characteristics主要技术参数: 电压等级:690VAC~750VDC IEC; 700VAC~800VDC UL

电流:from 25A to 350A 分断能力High interrupting rating 200kA. 执行标准Standard IEC 60269-4 、UL 248-1.

Size 瓷管代号	Catalog Numbers 订货号	Voltage电压等级(V)		Ampere 电流 (A)	Watts Loss(W) 功耗		I ² t @690VAC 熔断I ² t(A ² S)	
		Un(ac)	Un(dc)		0.8I _n	I _n	Pre-arcingI ² t @1ms A ² S 弧前 I ² t	Total cleaingI ² t @Un A ² S 熔断 I ² t
230FU/75	109M1770	690VAC	750VDC	100A	18W	35W	380A ² S	1950A ² S
	109M1771	690VAC	750VDC	125A	20W	42W	645A ² S	3300A ² S
	109M1772	690VAC	750VDC	160A	22W	47W	1350A ² S	7000A ² S
	109M1773	690VAC	750VDC	200A	26W	54W	2550A ² S	13500A ² S
	109M1774	690VAC	750VDC	250A	30W	63W	4950A ² S	25000A ² S
	109M1775	690VAC	750VDC	315A	33W	72W	9350A ² S	47500A ² S
	109M1776	690VAC	750VDC	350A	37W	78W	12000A ² S	61000A ² S
	109M1777	690VAC	750VDC	400A	39W	80W	18500A ² S	94500A ² S
	109M1778	690VAC	750VDC	450A	42W	85W	27000A ² S	140000A ² S
	109M1779	690VAC	750VDC	500A	44W	90W	37500A ² S	190000A ² S
	109M1780	690VAC	750VDC	550A	46W	95W	48500A ² S	245000A ² S
	109M1781	690VAC	750VDC	630A	53W	105W	69500A ² S	355000A ² S

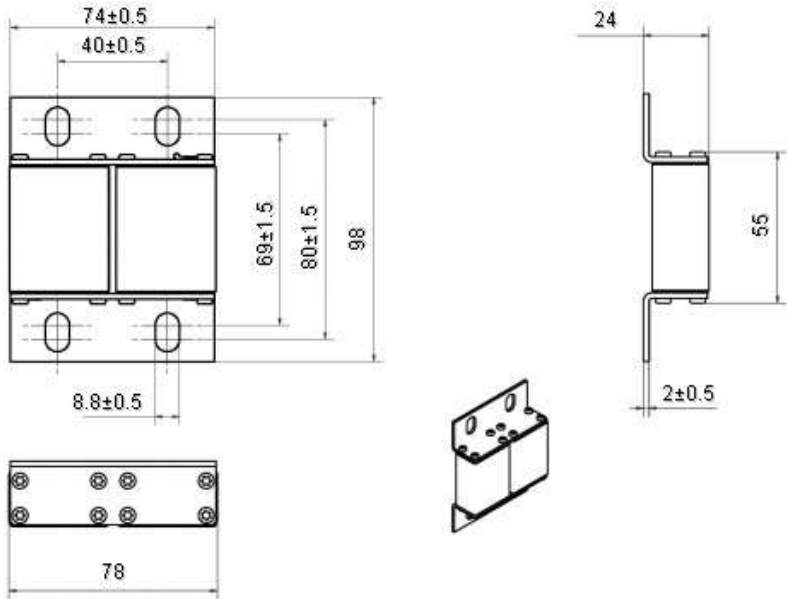
Interrupting rating 200kA RMS Symmetrical (Estimated), 预期最大分断能力200KA。Class类别: gR.全范围保护类型。

Optimized for use in IGBT inverter circuits with DC-link voltages up to 800Vdc, 用于DC800VIGBT组成的逆变器电路。

Low inductance < 15 nH 电路电感≤15nH。 Watt Loss provided at rated current 功耗是在额定电流下提供。

Tested at 863Vac. to IEC 60269-4 执行IEC269-4标准在863VAC电压下测试。 Tested at 800Vac. to UL 248-1 (Pending) 执行UL248-1标准在800VAC电压下测试。

Dimensions (mm) (230/75) 安装尺寸示意图



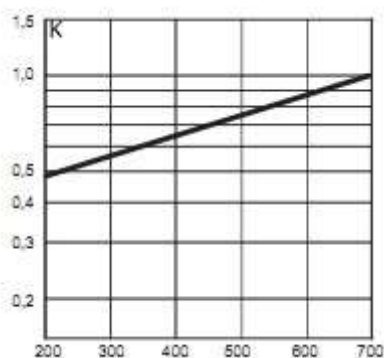
Main Characteristics 主要技术参数: 电压等级:690VAC~750VDC IEC; 700VAC~800VDC UL

电流:from 25A to 350A 分断能力High interrupting rating 200kA. 执行标准Standard IEC 60269-4 、UL 248-1.

Electrical characteristics 电气特性:

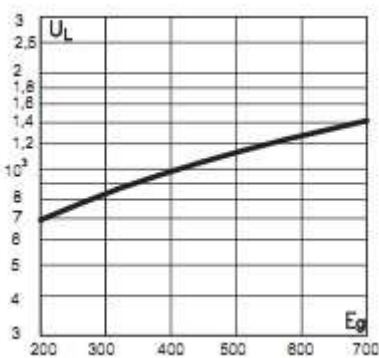
Total clearing I²t 熔断I²t:

The total clearing I²t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I t is found by multiplying by correction factor, K, given as a function of applied working voltage, E,(RMS) 熔断I²t是在额定电压功率因数15%条件下给出, 其他电压参考下图K曲线。



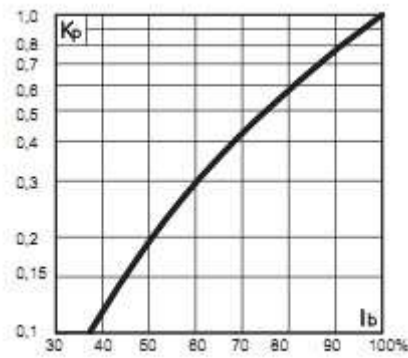
Arc Voltage 电弧电压

This curve gives the peak arc voltage, U, which may appear across the fuse L during its operation as a function of the applied working voltage E, (RMS) at a power factor of 15%在功率因数15%条件下熔断器两端的过电压和工作电压的关系见下曲线。



Power Losses 功耗:

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the power losses at load currents lower than the rated current. The correction factor, K, p is given as a function of the RMS load current, I, in % of the rated current.在额定电流下的功耗已给出, 低于额定电流下的功耗参考下表中的 Kp修正系数。



Main Characteristics主要技术参数: 电压等级:1000VAC~1000VDC 电流:from 25A to 250A

Class类别:gR 分断能力High interrupting rating 200kA. 执行标准Standard IEC 60269-4 、 UL 248-1.

Size 瓷管代号	Catalog Numbers 订货号	Voltage电压等级(V)		Ampere 电流 (A)	Watts Loss(W) 功耗		I ² t @1000VAC 熔断I ² t(A ² S)	
		Un(ac)	Un(dc)		0.8I _n	I _n	Pre-arctingI ² t @1ms A ² S 弧前 I ² t	Total cleaingI ² t @U _N A ² S 熔断 I ² t
000FU/90	109M1802	1000VAC	1000VDC	25A	5.0W	14W	19A ² S	95A ² S
	109M1803	1000VAC	1000VDC	32A	7.3W	17W	34A ² S	170A ² S
	109M1804	1000VAC	1000VDC	40A	10.0W	20W	61A ² S	300A ² S
	109M1805	1000VAC	1000VDC	50A	11.5W	21W	135A ² S	675A ² S
	109M1806	1000VAC	1000VDC	63A	12W	22W	245A ² S	1200A ² S
	109M1807	1000VAC	1000VDC	80A	13W	27W	505A ² S	2500A ² S
	109M1808	1000VAC	1000VDC	100A	14W	32W	1050A ² S	5150A ² S
	109M1809	1000VAC	1000VDC	125A	16W	34W	1900A ² S	9500A ² S
	109M1810	1000VAC	1000VDC	160A	18W	37W	4050A ² S	20000A ² S
	109M1811	1000VAC	1000VDC	200A	20W	43W	8500A ² S	42000A ² S
	109M1812	1000VAC	1000VDC	225A	23W	45W	12000A ² S	59000A ² S
	109M1813	1000VAC	1000VDC	250A	24W	48W	16000A ² S	79500A ² S

Interrupting rating 200kA RMS Symmetrical (Estimated), 预期最大分断能力200KA。

Optimized for use in IGBT inverter circuits with DC-link voltages up to 1000Vdc, 用于DC1000VIGBT组成的逆变器电路。

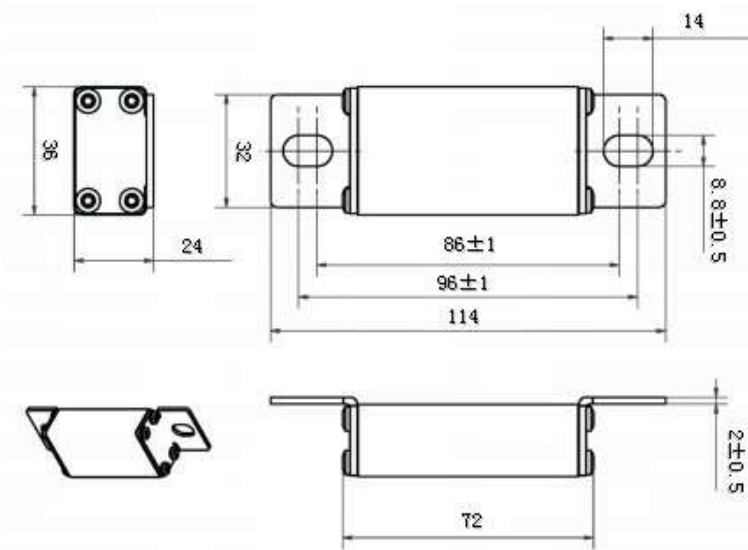
Low inductance < 15 nH 电路电感≤20nH。

Watt Loss provided at rated current 功耗是在额定电流下提供。

Tested at 1150V acc. to IEC 60269-4 执行IEC269-4标准在1150VAC电压下测试。

Tested at 1000V acc. to UL 248-1 (Pending) 执行UL248-1标准在1000VAC电压下测试。

Dimensions (mm) (000/90) 安装尺寸示意图



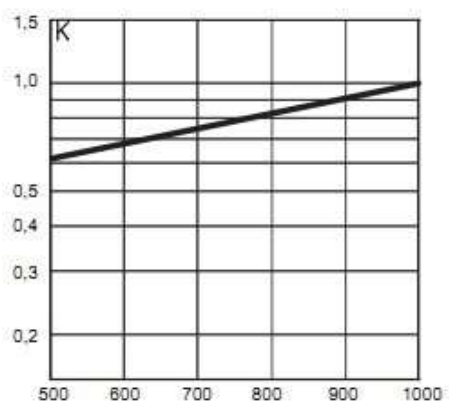
Main Characteristics主要技术参数: 电压等级:1000VAC~1000VDC 电流:from 25A to 250A

Class类别:gR 分断能力High interrupting rating 200kA. 执行标准Standard IEC 60269-4 、UL 248-1

Electrical characteristics 电气特性:

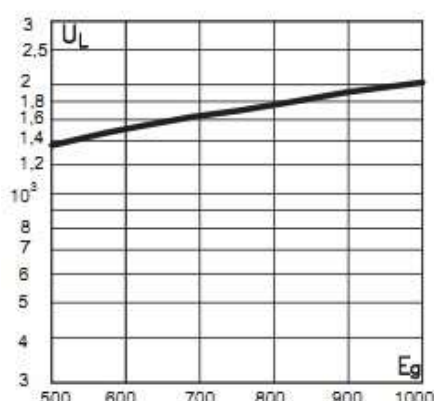
Total clearing I^2t 熔断 I^2t :

The total clearing I^2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I^2t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_r (RMS) 熔断 I^2t 是在额定电压功率因数15%条件下给出, 其他电压参考下图K曲线。



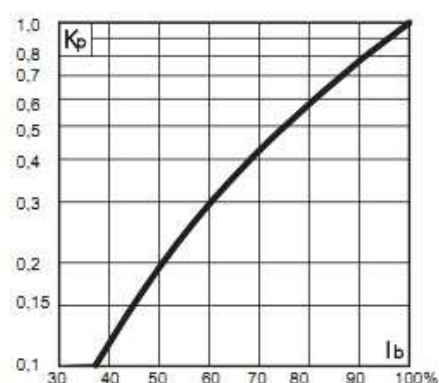
Arc Voltage 电弧电压

This curve gives the peak arc voltage, U , which may appear across the fuse L during its operation as a function of the applied working voltage E_r (RMS) at a power factor of 15% 在功率因数15%条件下熔断器两端的过电压和工作电压的关系见下曲线。



Power Losses 功耗:

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the power losses at load currents lower than the rated current. The correction factor, K_p, is given as a function of the RMS load current, I , in % of the rated current. 在额定电流下的功耗已给出, 低于额定电流下的功耗参考下表中的K_p修正系数。



Main Characteristics主要技术参数: 电压等级:1000VAC~1000VDC 电流:from 100A to 500A

Class类别:gR分断能力High interrupting rating 200kA. 执行标准Standard IEC 60269-4 、 UL 248-1

Size 瓷管 代号	Catalog Numbers 订货号	Voltage电压等级(V)		Ampere 电流 (A)	Watts Loss(W)功耗		I ² t @1000VAC熔断I ² t(A ² S)	
		Un(ac)	Un(dc)		0.8I _n	I _n	Pre-arctingI ² t @1ms A ² S 弧前 I ² t	Total cleaingI ² t @U _N A ² S 熔断 I ² t
230FU/90	109M2824	1000VAC	1000VDC	100A	16W	38W	600A ² S	3050A ² S
	109M2825	1000VAC	1000VDC	125A	17W	42W	1200A ² S	6050A ² S
	109M2826	1000VAC	1000VDC	160A	19W	48W	2550A ² S	13000A ² S
	109M2827	1000VAC	1000VDC	200A	21W	55W	4650A ² S	23000A ² S
	109M2828	1000VAC	1000VDC	250A	23W	62W	9300A ² S	45500A ² S
	109M2829	1000VAC	1000VDC	315A	26W	68W	18500A ² S	91500A ² S
	109M2830	1000VAC	1000VDC	350A	31W	75W	24500A ² S	125000A ² S
	109M2831	1000VAC	1000VDC	400A	38W	80W	37500A ² S	185000A ² S
	109M2832	1000VAC	1000VDC	450A	40W	85W	52000A ² S	260000A ² S
	109M2833	1000VAC	1000VDC	500A	43W	90W	69500A ² S	340000A ² S

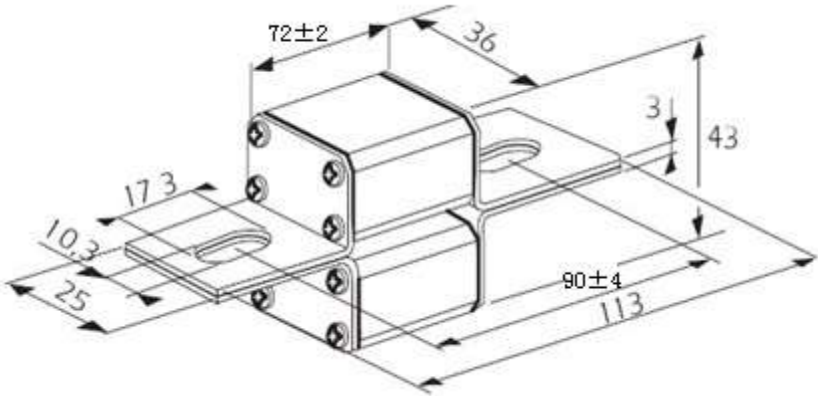
Interrupting rating 200kA RMS Symmetrical (Estimated), 预期最大分断能力200KA。

Optimized for use in IGBT inverter circuits with DC-link voltages up to 1000Vdc, 用于DC1000VIGBT组成的逆变器电路。

Low inductance < 20 nH 电路电感≤20nH。Watt Loss provided at rated current 功耗是在额定电流下提供。

Tested at 1150V acc. to IEC 60269-4 执行IEC269-4标准在1150VAC电压下测试。Tested at 1000V acc. to UL 248-1 (Pending) 执行UL248-1标准在1000VAC电压下测试。

Dimensions (mm) (230/90) 安装尺寸示意图



Main Characteristics主要技术参数: 电压等级:1000VAC~1000VDC 电流:from 100A to 500A

Class类别:gR 分断能力High interrupting rating 200kA. 执行标准Standard IEC 60269-4 、 UL 248-1

Size 瓷管 代号	Catalog Numbers 订货号	Voltage电压等级(V)		Ampere 电流 (A)	Watts Loss(W)功耗		I ² t @1000VAC熔断I ² t(A ² S)	
		Un(ac)	Un(dc)		0.8I _n	I _n	Pre-arcingI ² t @1ms A ² S 弧前 I ² t	Total cleaingI ² t @U _N A ² S 熔断 I ² t
230FU/90	109M1824	1000VAC	1000VDC	100A	16w	38w	600A ² S	3050A ² S
	109M1825	1000VAC	1000VDC	125A	17w	42w	1200A ² S	6050A ² S
	109M1826	1000VAC	1000VDC	160A	19w	48w	2550A ² S	13000A ² S
	109M1827	1000VAC	1000VDC	200A	21w	55w	4650A ² S	23000A ² S
	109M1828	1000VAC	1000VDC	250A	23w	62w	9300A ² S	45500A ² S
	109M1829	1000VAC	1000VDC	315A	26w	68w	18500A ² S	91500A ² S
	109M1830	1000VAC	1000VDC	350A	31ww	75w	24500A ² S	125000A ² S
	109M1831	1000VAC	1000VDC	400A	38w	80w	37500A ² S	185000A ² S
	109M1832	1000VAC	1000VDC	450A	40w	85w	52000A ² S	260000A ² S
	109M1833	1000VAC	1000VDC	500A	43w	90w	69500A ² S	340000A ² S

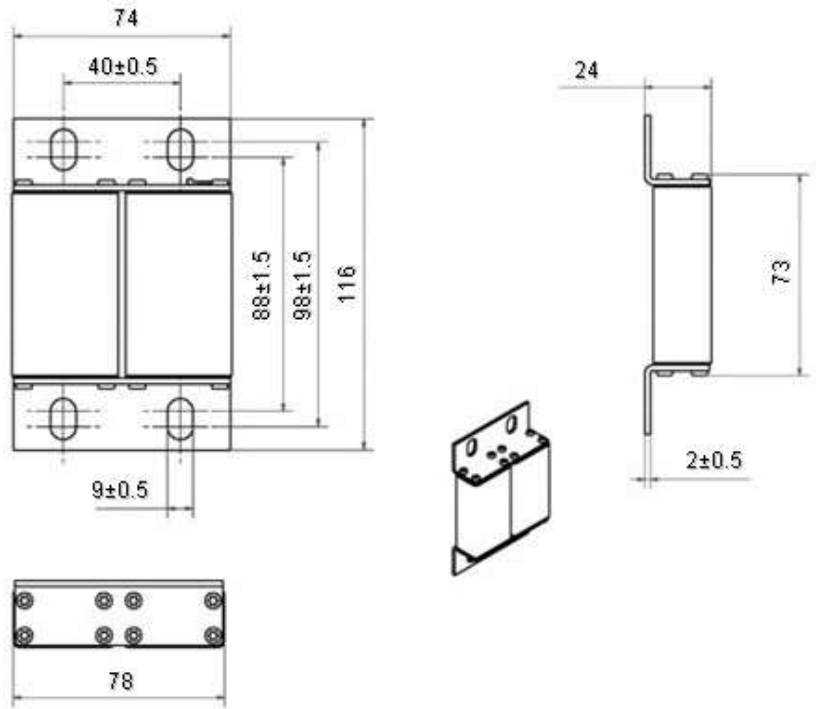
Interrupting rating 200kA RMS Symmetrical (Estimated), 预期最大分断能力200KA。

Optimized for use in IGBT inverter circuits with DC-link voltages up to 1000Vdc, 用于DC1000VIGBT组成的逆变器电路。

Low inductance < 20 nH 电路电感≤20nH。Watt Loss provided at rated current 功耗是在额定电流下提供。

Tested at 1150V acc. to IEC 60269-4 执行IEC269-4标准在1150VAC电压下测试。Tested at 1000V acc. to UL 248-1 (Pending) 执行UL248-1标准在1000VAC电压下测试。

Dimensions (mm) (230/90) 安装尺寸示意图



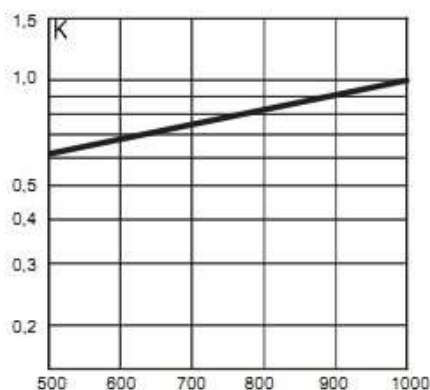
Main Characteristics主要技术参数: 电压等级:1000VAC~1000VDC 电流:from 100A to 500A

Class类别:gR 分断能力High interrupting rating 200kA. 执行标准Standard IEC 60269-4 、 UL 248-1

Electrical characteristics 电气特性:

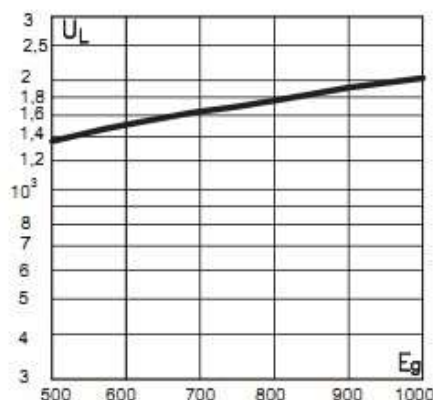
Total clearing I^2t 熔断 I^2t :

The total clearing I^2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I^2t is found by multiplying by correction factor, K, given as a function of applied working voltage, E,(RMS) 熔断 I^2t 是在额定电压功率因数15%条件下给出, 其他电压参考下图K曲线。



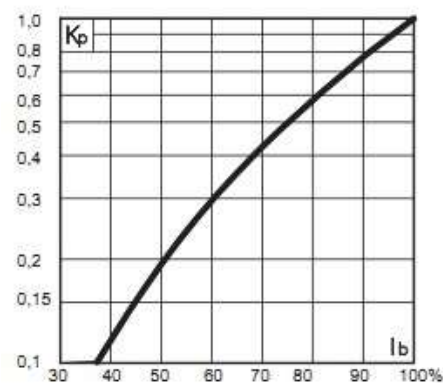
Arc Voltage 电弧电压

This curve gives the peak arc voltage, U_L , which may appear across the fuse L during its operation as a function of the applied working voltage E, (RMS) at a power factor of 15%在功率因数15%条件下熔断器两端的过电压和工作电压的关系见下曲线。



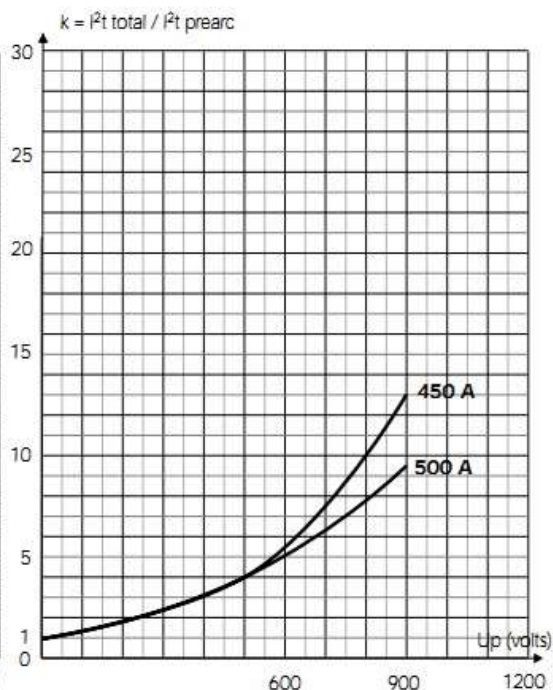
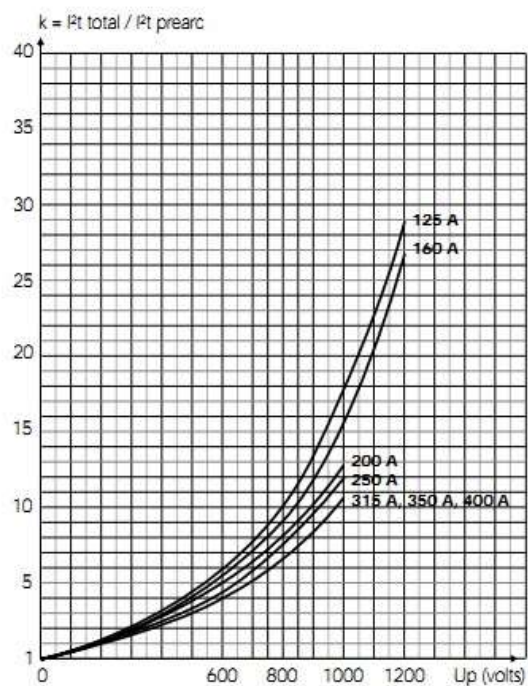
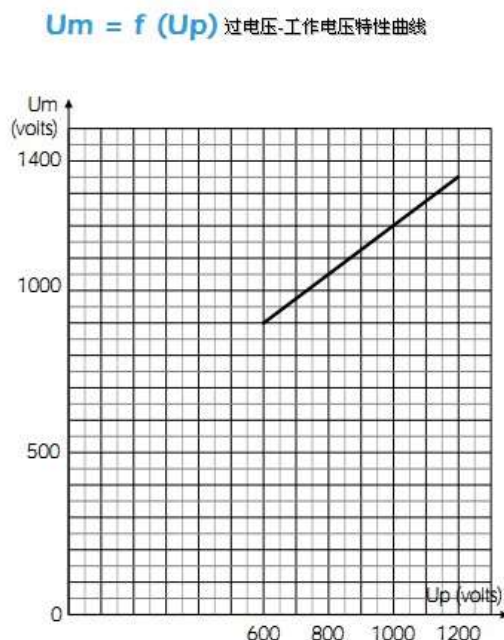
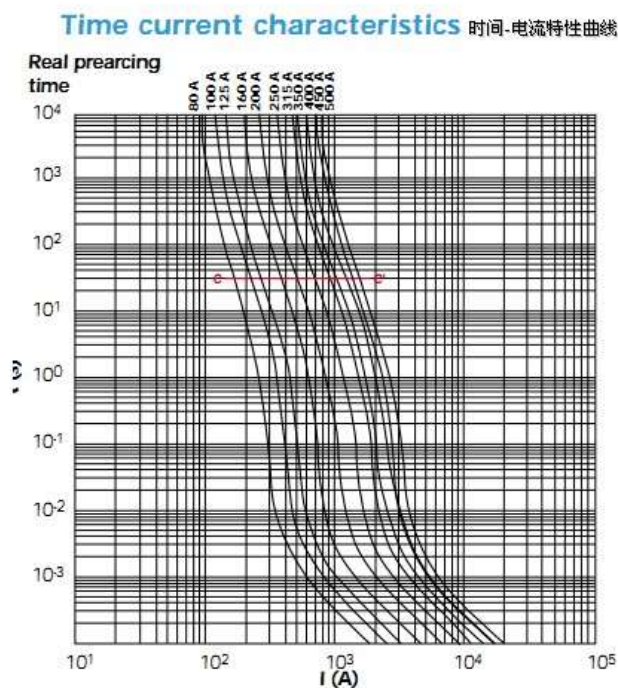
Power Losses 功耗:

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the power losses at load currents lower than the rated current. The correction factor, K, p is given as a function of the RMS load current, I, in % of the rated current.在额定电流下的功耗已给出, 低于额定电流下的功耗参考下表中的 K_p 修正系数。



Main Characteristics主要技术参数: 电压等级:690V~1000VAC/DC 电流:from 25A to 500A

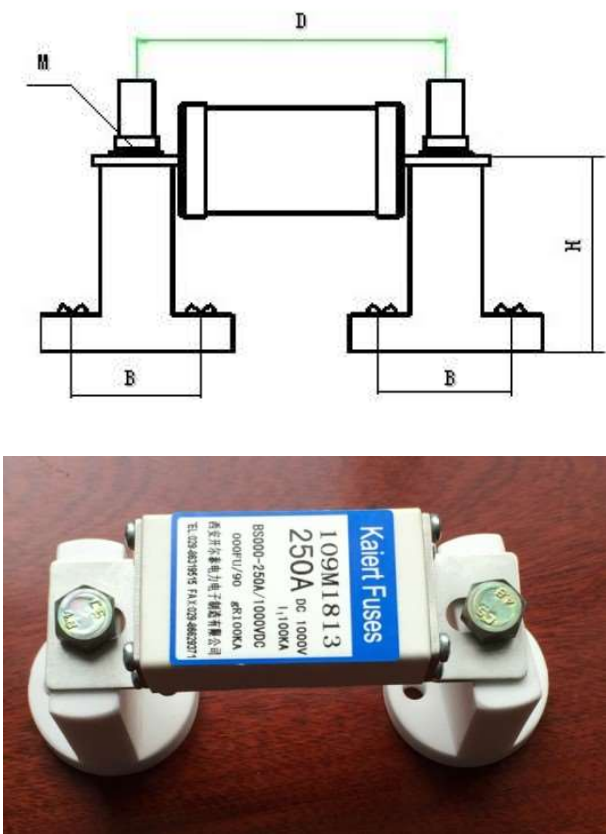
Class类别:gR 分断能力High interrupting rating 200kA. 执行标准Standard IEC 60269-4 、 UL 248-1



Main Characteristics主要技术参数:电压等级:690VAC/DC~1000VAC/DC基座—白色绝缘子

Class类别:gR 分断能力High interrupting rating 200kA. 执行标准Standard IEC 60269-4 、 UL 248-1

Fuse holder Dimensions安装尺寸 (mm) :



Catalog Numbers 订货号	Rating Voltage 电压 U_e (V)	D	H	M	基座安装 中心距 B
MBZ30-690V基座	690V/750V AC/DC	75±2	35	M8	30
MBZ30-1000V基座	1000V/1000V AC/DC	91±2	55	M8	30

Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 50A to 160A 类别Class: 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(W) 功耗		I²t @900V L/R=40ms 熔断I²t(KA²S)	
					0.8I _n	I _n	I _p = 10 I _N	I _p = 50 I _N
0BKN/130 gR 型	107E1211	KPD0-50A/750VDC0BKN/130	50A	750V~900VDC	4.4W	8.1W	42.5KA²S	8.5KA²S
	107E1212	KPD0-63A/750VDC0BKN/130	63A	750V~900VDC	5.7W	10.4W	75.5KA²S	15KA²S
	107E1213	KPD0-80A/750VDC0BKN/130	80A	750V~900VDC	7.3W	13.4W	125KA²S	24.5KA²S
	107E1214	KPD0-100A/750VDC0BKN/130	100A	750V~900VDC	9.1W	16.7W	200KA²S	40KA²S
	107E1215	KPD0-125A/750VDC0BKN/130	125A	750V~900VDC	11.5W	21W	315KA²S	62.5KA²S
	107E1216	KPD0-160A/750VDC0BKN/130	160A	750V~900VDC	15W	27W	485KA²S	100KA²S

Breaking Capacity分断能力（KA）@ 750 V=100KA L/R = 100 ms

Breaking Capacity分断能力（KA）@ 900 V=100KA L/R = 40 ms

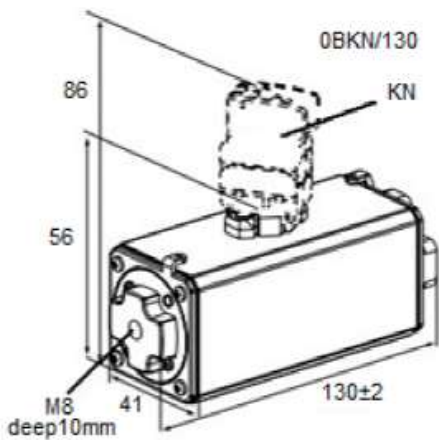
产品保护类别 Class:

aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护

gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护

gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护

Dimensions(mm)（0BKN/130）安装尺寸示意图:



Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 50A to 160A 类别Class: 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(W) 功耗		I²t @900V L/R=40ms 熔断I²t(KA²S)	
					0.8I _N	I _N	I _P = 10 I _N	I _P = 50 I _N
0LKN/163 gR 型	107E5247	RDF0-50A/750VDC0LKN/163	50A	750V~900VDC	4.4W	8.1W	42.5KA²S	8.5KA²S
	107E5248	RDF0-63A/750VDC0LKN/163	63A	750V~900VDC	5.7W	10.4W	75.5KA²S	15KA²S
	107E5249	RDF0-80A/750VDC0LKN/163	80A	750V~900VDC	7.3W	13.4W	125KA²S	24.5KA²S
	107E5250	RDF0-100A/750VDC0LKN/163	100A	750V~900VDC	9.1W	16.7W	200KA²S	40KA²S
	107E5251	RDF0-125A/750VDC0LKN/163	125A	750V~900VDC	11.5W	21W	315KA²S	62.5KA²S
	107E5252	RDF0-160A/750VDC0LKN/163	160A	750V~900VDC	15W	27W	485KA²S	100KA²S

Breaking Capacity分断能力（KA）@ 750 V=100KA L/R = 100 ms

Breaking Capacity分断能力（KA）@ 900 V=100KA L/R = 40 ms

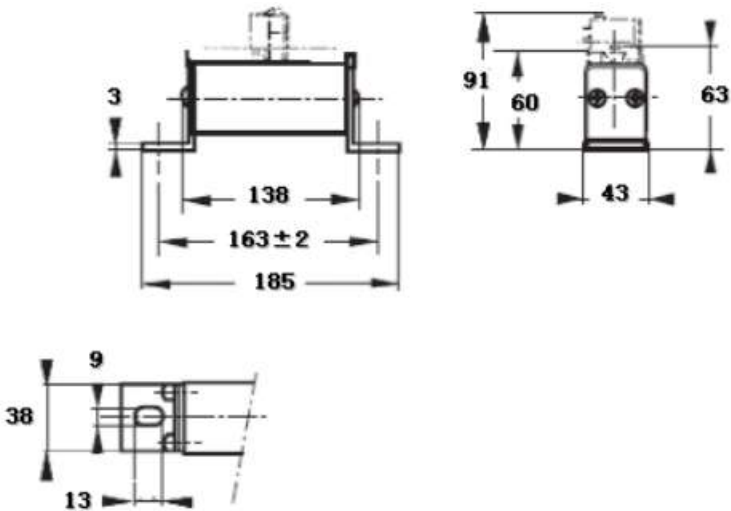
产品保护类别 Class:

aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护

gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护

gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护

Dimensions(mm)（0LKN/163）安装尺寸示意图:



Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 50A to 250A 类别Class: gR

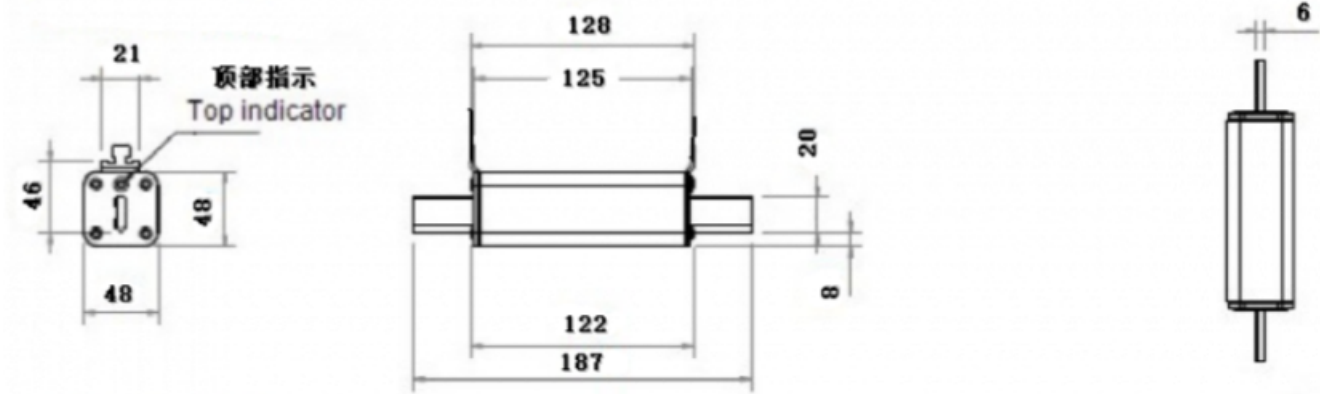
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 (V)	Watts Loss(W) 功耗		I²t @900V L/R=40ms 熔断I²t(KA²S)	
					0.8I _n	I _n	I _p = 10 I _N	I _p = 50 I _N
DIN1-187 gR 型	107E4331	KHD1-50A/750VDC gRDIN1/187	50A	750V~900VDC	4.4W	8.1W	42.5KA²S	8.5KA²S
	107E4332	KHD1-63A/750VDC gRDIN1/187	63A	750V~900VDC	5.7W	10.4W	75.5KA²S	15KA²S
	107E4333	KHD1-80A/750VDC gRDIN1/187	80A	750V~900VDC	7.3W	13.4W	125KA²S	24.5KA²S
	107E4334	KHD1-100A/750VDCgRDIN1/187	100A	750V~900VDC	9.1W	16.7W	200KA²S	40KA²S
	107E4335	KHD1-125A/750VDCgRDIN1/187	125A	750V~900VDC	11.5W	21W	315KA²S	62.5KA²S
	107E4336	KHD1-160A/750VDCgRDIN1/187	160A	750V~900VDC	15W	27W	485KA²S	100KA²S
	107E4337	KHD1-200A/750VDCgRDIN1/187	200A	750V~900VDC	20.5W	37.5W	755KA²S	150KA²S
	107E4338	KHD1-250A/750VDCgRDIN1/187	250A	750V~900VDC	25.5W	46.5W	1250KA²S	250KA²S

Breaking Capacity分断能力（KA）@ 750 V=100KA L/R = 100 ms ;Breaking Capacity分断能力（KA）@ 900 V=100KA L/R = 40 ms

产品保护类别 Class:

- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护

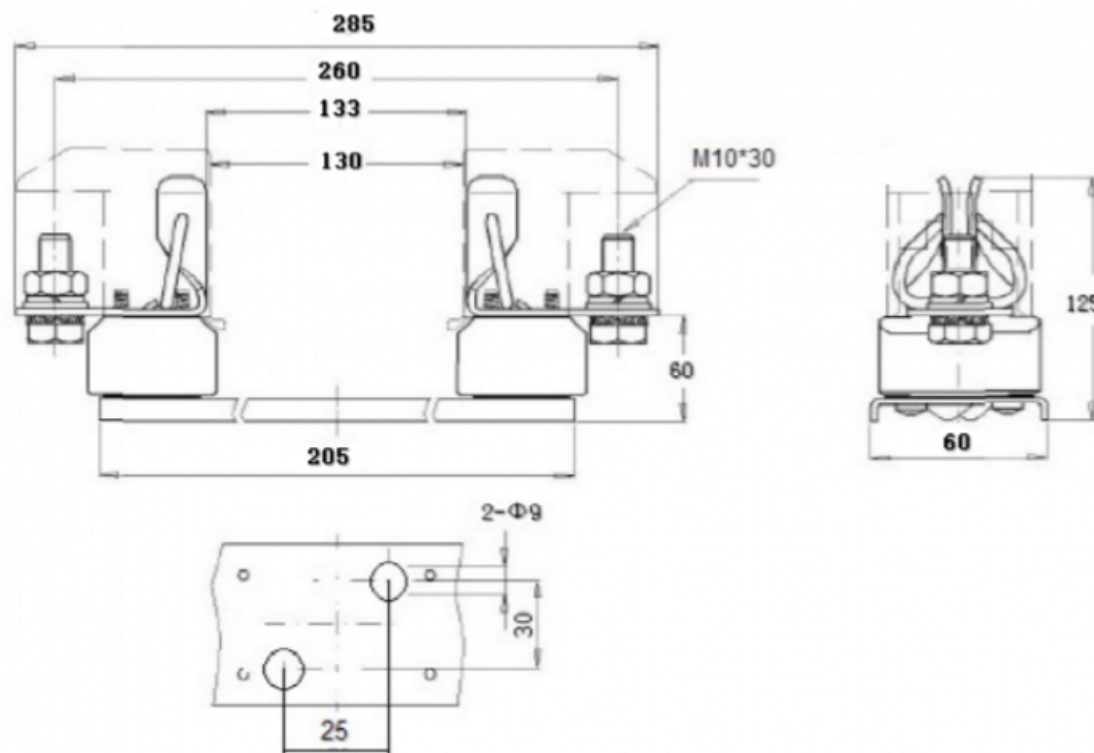
Dimensions(mm)（DIN1-187）安装尺寸示意图:



需要侧面加装190K1225一常开一常闭微动开关,订货时备注一下。



Main Characteristics 主要技术参数 电压 Voltage:1000VAC~2000VAC 电流: from 6A to 630A



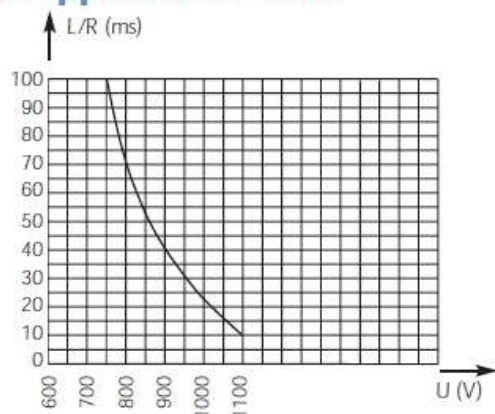
KBZ112 fuse holder常开式安装底座



Main Characteristics参数电压Voltage:750V~1100VDC电流Current: from 50A to 160A 类别Class: gPV

Electrical characteristics 电气特性:

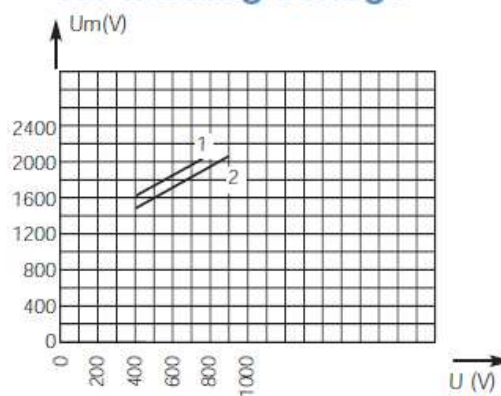
Electrical characteristics DC applications data



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

Peak arc voltage vs. working voltage

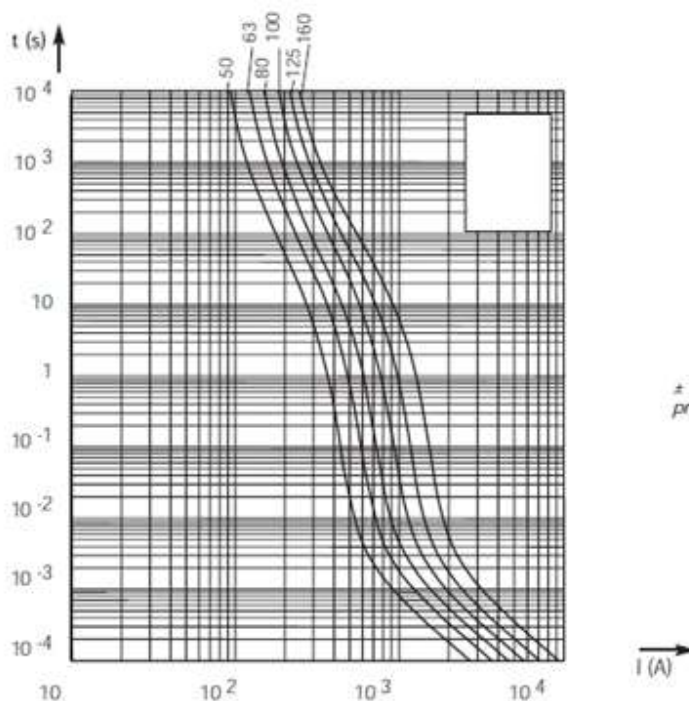


1 : $L/R = 100 \text{ ms}$

2 : $L/R = 40 \text{ ms}$

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参数 电压Voltage:750V~900VDC 电流Current: from 50A to 250A 类别Class: 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(W) 功耗		I²t @900V L/R=40ms 熔断I²t(KA²S)	
					0.8I _n	I _n	I _p = 10 I _N	I _p = 50 I _N
1KIN160 gR 型	107E3312	KMD1-50A/750VDC gR1KIN160	50A	750V~900VDC	4.4W	8.1W	42.5KA²S	8.5KA²S
	107E3313	KMD1-63A/750VDC gR1KIN160	63A	750V~900VDC	5.7W	10.4W	75.5KA²S	15KA²S
	107E3314	KMD1-80A/750VDC gR1KIN160	80A	750V~900VDC	7.3W	13.4W	125KA²S	24.5KA²S
	107E3315	KMD1-100A/750VDC gR1KIN160	100A	750V~900VDC	9.1W	16.7W	200KA²S	40KA²S
	107E3316	KMD1-125A/750VDC gR1KIN160	125A	750V~900VDC	11.5W	21W	315KA²S	62.5KA²S
	107E3317	KMD1-160A/750VDC gR1KIN160	160A	750V~900VDC	15W	27W	485KA²S	100KA²S
	107E3318	KMD1-200A/750VDC gR1KIN160	200A	750V~900VDC	20.5W	37.5W	755KA²S	150KA²S
	107E3319	KMD1-250A/750VDC gR1KIN160	250A	750V~900VDC	25.5W	46.5W	1250KA²S	250KA²S

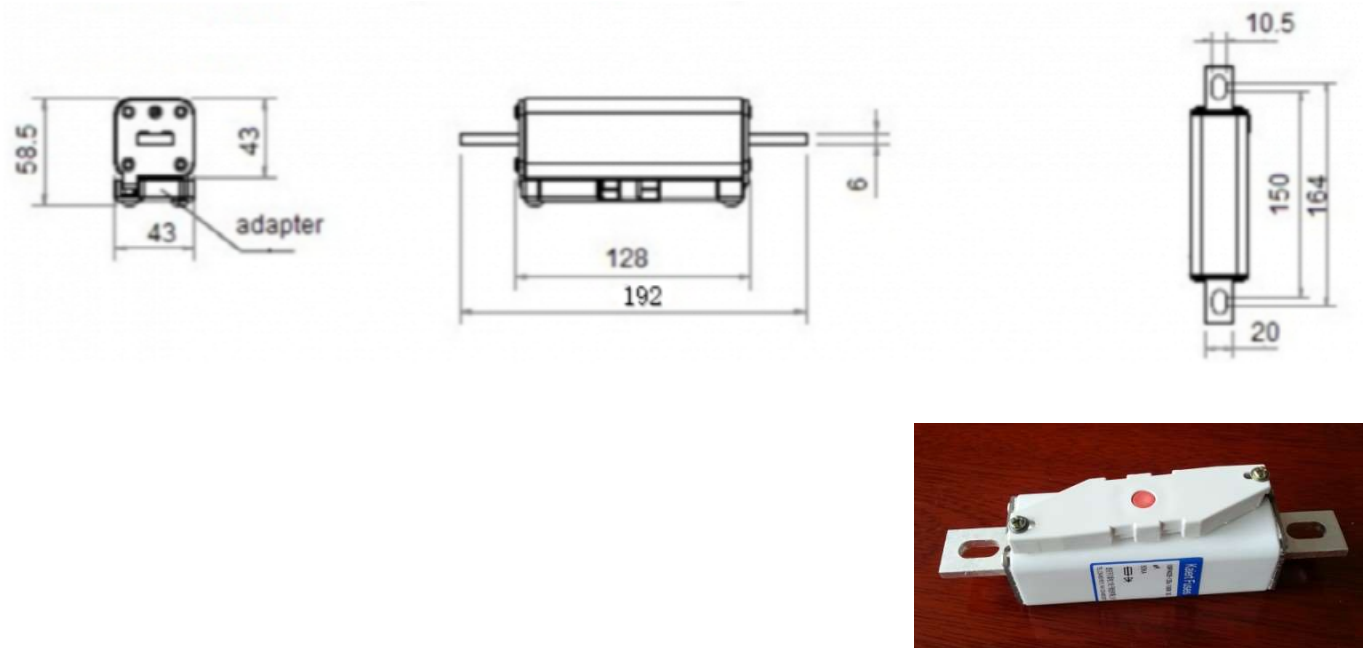
Breaking Capacity分断能力（KA）@ 750 V=100KA L/R = 100 ms

Breaking Capacity分断能力（KA）@ 900 V=100KA L/R = 40 ms

产品保护类别 Class:

- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护

Dimensions(mm)（1KIN160）安装尺寸示意图:

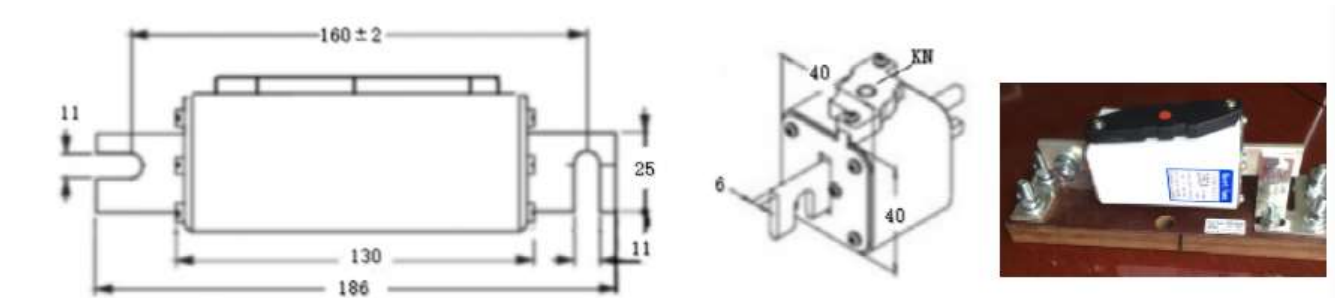


Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 50A to 160A 类别Class: gR

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(W) 功耗		I²t @900V L/R=40ms 熔断I²t(KA²S)	
					0.8I _N	I _N	I _P = 10 I _N	I _P = 50 I _N
0KN/160 gR 型	107E2211	KZ0-50A/750VDC0KN/160	50A	750V~900VDC	4.4W	8.1W	42.5KA²S	8.5KA²S
	107E2212	KZ0-63A/750VDC0KN/160	63A	750V~900VDC	5.7W	10.4W	75.5KA²S	15KA²S
	107E2213	KZ0-80A/750VDC0KN/160	80A	750V~900VDC	7.3W	13.4W	125KA²S	24.5KA²S
	107E2214	KZ0-100A/750VDC0KN/160	100A	750V~900VDC	9.1W	16.7W	200KA²S	40KA²S
	107E2215	KZ0-125A/750VDC0KN/160	125A	750V~900VDC	11.5W	21W	315KA²S	62.5KA²S
	107E2216	KZ0-160A/750VDC0KN/160	160A	750V~900VDC	15W	27W	485KA²S	100KA²S

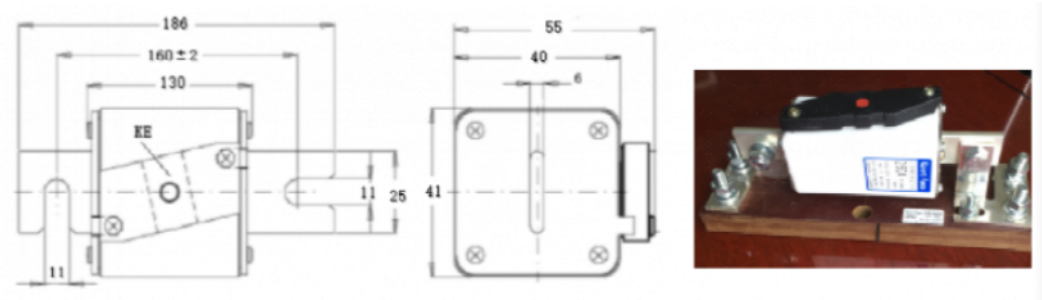
Breaking Capacity分断能力 (KA) @ 750 V=100KA L/R = 100 ms Breaking Capacity分断能力 (KA) @ 900 V=100KA L/R = 40 ms

Dimensions(mm) (0KN/160) 安装尺寸示意图:



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(W) 功耗		I²t @900V L/R=40ms 熔断I²t(KA²S)	
					0.8I _N	I _N	I _P = 10 I _N (A²S)	I _P = 50 I _N (A²S)
0KE/160 gR 型	107E2221	KZ0-50A/750VDC0KE/160	50A	750V~900VDC	4.4W	8.1W	42.5KA²S	8.5KA²S
	107E2222	KZ0-63A/750VDC0KE/160	63A	750V~900VDC	5.7W	10.4W	75.5KA²S	15KA²S
	107E2223	KZ0-80A/750VDC0KE/160	80A	750V~900VDC	7.3W	13.4W	125KA²S	24.5KA²S
	107E2224	KZ0-100A/750VDC0KE/160	100A	750V~900VDC	9.1W	16.7W	200KA²S	40KA²S
	107E2225	KZ0-125A/750VDC0KE/160	125A	750V~900VDC	11.5W	21W	315KA²S	62.5KA²S
	107E2226	KZ0-160A/750VDC0KE/160	160A	750V~900VDC	15W	27W	485KA²S	100KA²S

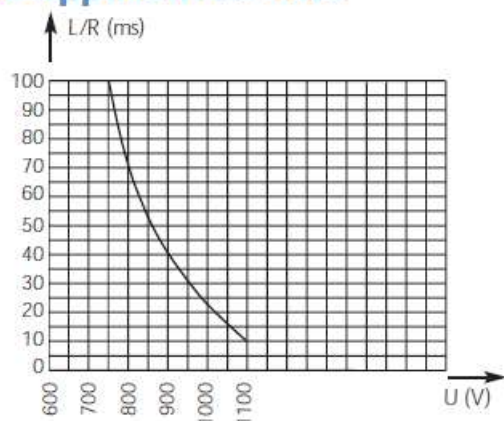
Dimensions(mm) (0KE/160) 安装尺寸示意图:



Main Characteristics参数 电压Voltage:750V~1000VDC 电流Current: from 50A to 160A 类别Class:gR

Electrical characteristics 电气特性:

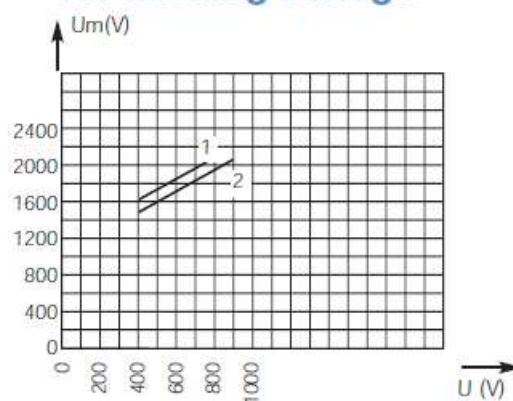
Electrical characteristics DC applications data



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

Peak arc voltage vs. working voltage

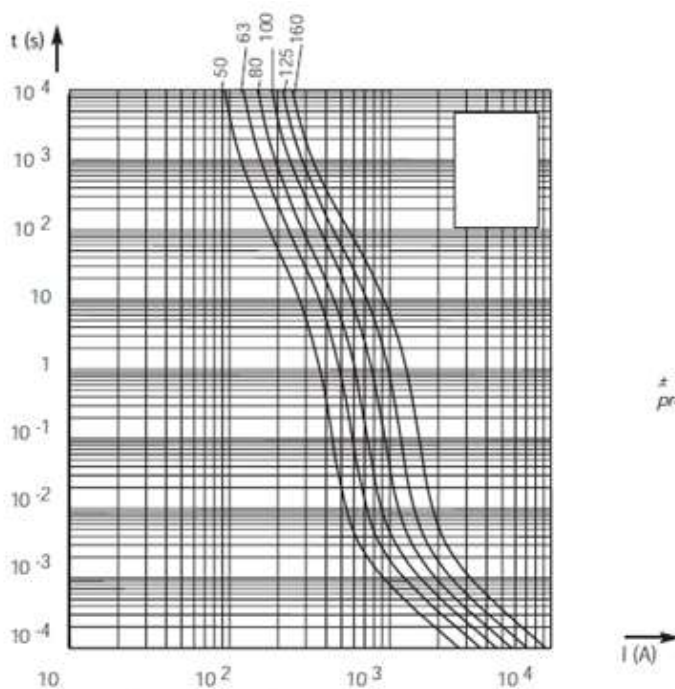


1 : $L/R = 100 \text{ ms}$

2 : $L/R = 40 \text{ ms}$

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:



$\pm 7\%$ tolerance
pre-arcing a.

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

Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 200A to 250A 类别Class: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 (W) 功耗		I²t @900V L/R=40ms 熔断I²t(KA²S)	
					0.8I _N	I _N	I _p = 10 I _N	I _p = 50 I _N
1BKN/130	107E1311	KPD1-200A/750VDC1BKN/130	200A	750V~900VDC	20.5W	37.5W	755KA²S	150KA²S
gR 型	107E1312	KPD1-250A/750VDC1BKN/130	250A	750V~900VDC	25.5W	46.5W	1250KA²S	250KA²S

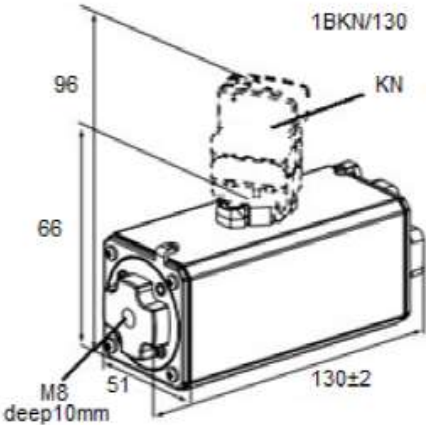
Breaking Capacity分断能力（KA）@ 750 V=100KA L/R = 100 ms

Breaking Capacity分断能力（KA）@ 900 V=100KA L/R = 40 ms

产品保护类别 Class:

- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

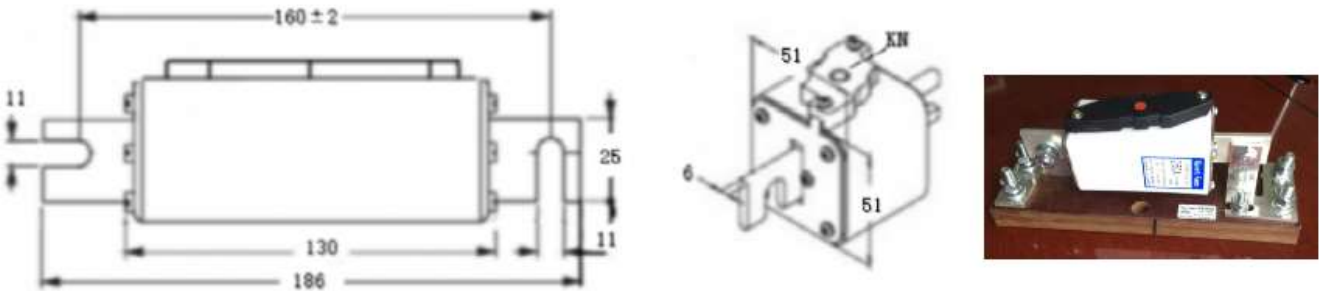
Dimensions(mm)（1BKN/130）安装尺寸示意图:



Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 200A to 250A 类别Class: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 (W) 功耗		I ² t @900V L/R=40ms 熔断I ² t(KA ² S)	
					0.8I _N	I _N	I _P = 10 I _N	I _P = 50 I _N
1KN/160 gR 型	107E2311	KZ1-200A/750VDC1KN/160	200A	750V~900VDC	20.5W	37.5W	755KA ² S	150KA ² S
	107E2312	KZ1-250A/750VDC1KN/160	250A	750V~900VDC	25.5W	46.5W	1250KA ² S	250KA ² S

Dimensions(mm)（1KN/160）安装尺寸示意图:



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 (W) 功耗		I ² t @900V L/R=40ms 熔断I ² t(KA ² S)	
					0.8I _N	I _N	I _P = 10 I _N	I _P = 50 I _N
1KE/160 gR 型	107E2321	KZ1-200A/750VDC1KE/160	200A	750V~900VDC	20.5W	37.5W	755KA ² S	150KA ² S
	107E2322	KZ1-250A/750VDC1KE/160	250A	750V~900VDC	25.5W	46.5W	1250KA ² S	250KA ² S

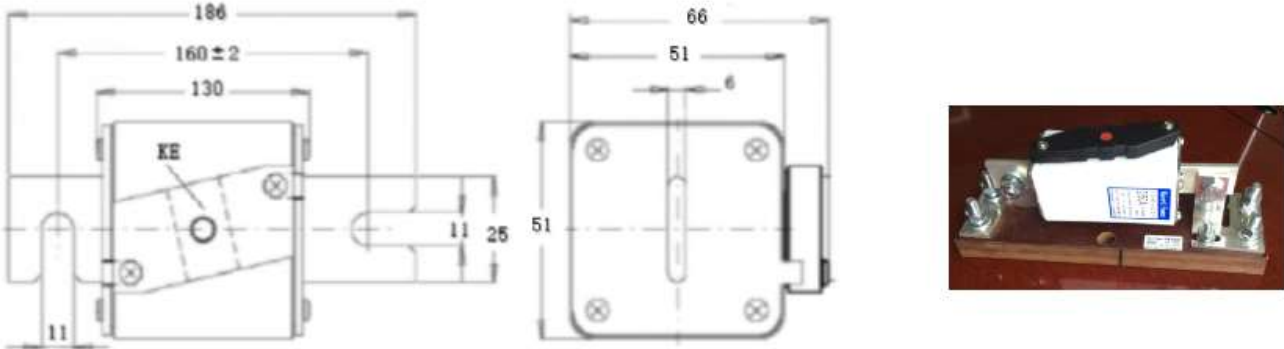
Breaking Capacity分断能力（KA）@ 750 V=100KA L/R = 100 ms

Breaking Capacity分断能力（KA）@ 900 V=100KA L/R = 40 ms

产品保护类别 Class:

- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

Dimensions(mm)（1KE/160）安装尺寸示意图:

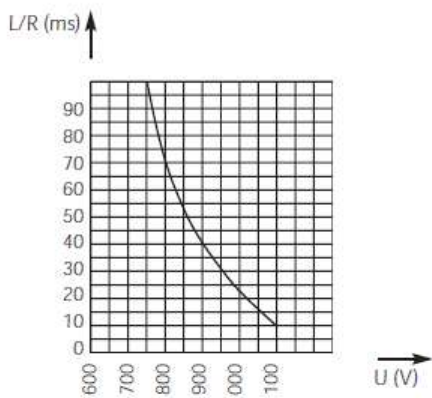


Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 200A to 250A 类别Class:gR

Electrical characteristics 电气特性:

Electrical characteristics

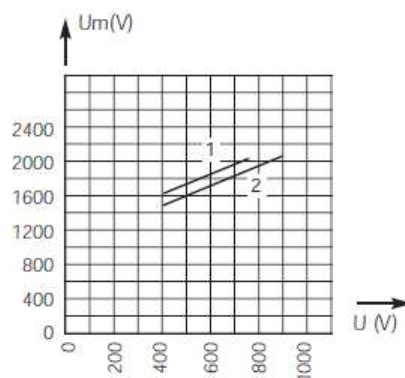
DC applications data



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

Peak arc voltage vs. working voltage

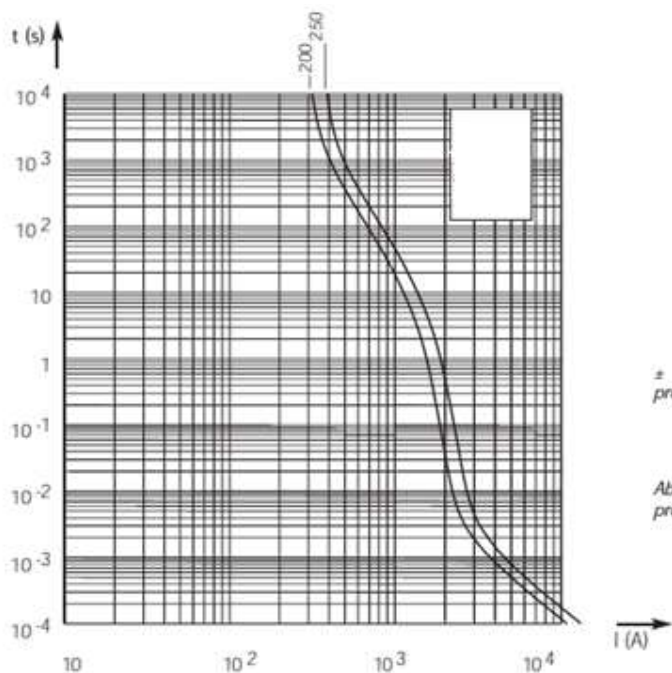


1 : $L/R = 100$ ms

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

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



$\pm 7\%$ tolerance for mean pre-arcing current

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

Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 250A to 500A 类别Class:gR

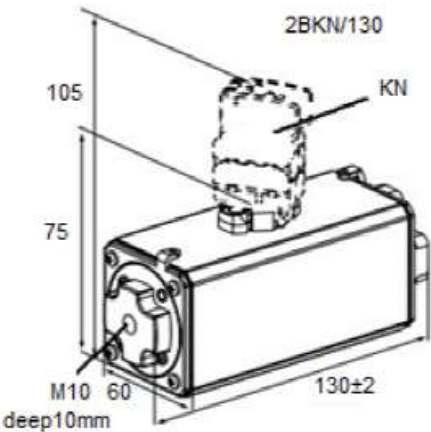
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 (V)	Watts Loss(W) 功耗		I²t @900V L/R=40ms 熔断I²t(KA²S)	
					0.8I _N	I _N	I _p = 10 I _N	I _p = 50I _N
2BKN/130 gR 型	107E1411	KPD2-250A/750VDC2BKN/130	250A	750V~900VDC	25.5W	46.7W	1250KA²S	250KA²S
	107E1412	KPD2-315A/750VDC2BKN/130	315A	750V~900VDC	31.5W	58W	2000KA²S	400KA²S
	107E1413	KPD2-350A/750VDC2BKN/130	350A	750V~900VDC	35W	64.5W	2500KA²S	500KA²S
	107E1414	KPD2-400A/750VDC2BKN/130	400A	750V~900VDC	40.5W	74.5W	3100KA²S	600KA²S
	107E1415	KPD2-450A/750VDC2BKN/130	450A	750V~900VDC	49W	90W	4000KA²S	800KA²S
	107E1416	KPD2-500A/750VDC2BKN/130	500A	750V~800VDC	52W	95W	6200KA²S	1200KA²S

250A~450A Breaking Capacity分断能力（KA）@ 750 V=100KA L/R = 100 ms;
250A~450A Breaking Capacity分断能力（KA）@ 900 V=100KA L/R = 40 ms;
500A Breaking Capacity分断能力@ 800 V=100KA L/R = 40 ms;

产品保护类别 Class:

- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

Dimensions(mm)（2BKN/130）安装尺寸示意图:



Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 250A to 500A 类别Class: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(W) 功耗		I²t @900V L/R=40ms 熔断I²t(KA²S)	
					0.8I _N	I _N	I _p = 10 I _N	I _p = 50 I _N
2KIN160 gR 型	107E3431	KMD2-250A/750VDCgR2KIN160	250A	750V~900VDC	25.5W	46.7W	1250KA²S	250KA²S
	107E3432	KMD2-315A/750VDCgR2KIN160	315A	750V~900VDC	31.5W	58W	2000KA²S	400KA²S
	107E3433	KMD2-350A/750VDCgR2KIN160	350A	750V~900VDC	35W	64.5W	2500KA²S	500KA²S
	107E3434	KMD2-400A/750VDCgR2KIN160	400A	750V~900VDC	40.5W	74.5W	3100KA²S	600KA²S
	107E3435	KMD2-450A/750VDCgR2KIN160	450A	750V~900VDC	49W	90W	4000KA²S	800KA²S
	107E3436	KMD2-500A/750VDCgR2KIN160	500A	750V~800VDC	52W	95W	6200KA²S	1200KA²S

250A~450A Breaking Capacity分断能力 (KA) @ 750 V=100KA L/R = 100 ms;

250A~450A Breaking Capacity分断能力 (KA) @ 900 V=100KA L/R = 40 ms;

500A Breaking Capacity分断能力@ 800 V=100KA L/R = 40 ms;

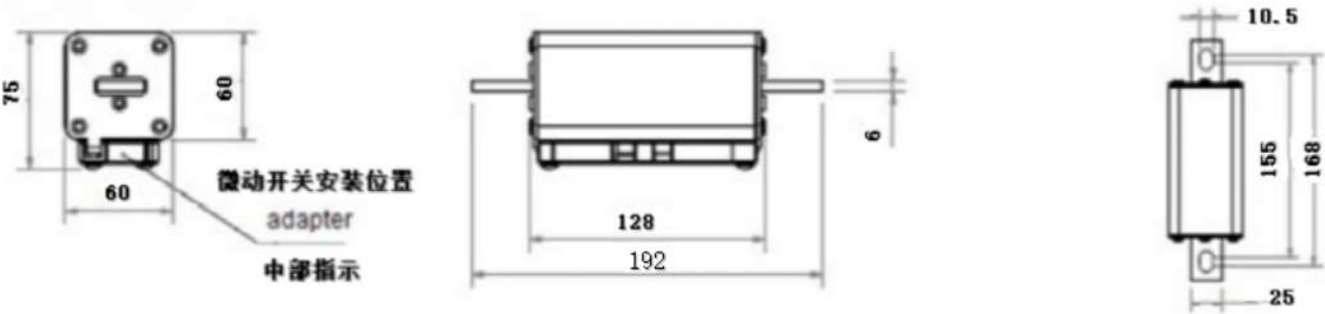
产品保护类别 Class:

aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护

gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护

gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护

imensions(mm) (2KIN160) 安装尺寸示意图:



Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 250A to 500A 类别Class: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(W) 功耗		I ² t @900V L/R=40ms 熔断I ² t(KA ² S)	
					0.8I _N	I _N	I _P = 10 I _N	I _P = 50 I _N
DIN2-202 gR 型	107E4431	KHD2-250A/750VDCgRDIN2/202	250A	750V~900VDC	25.5W	46.7W	1250KA ² S	250KA ² S
	107E4432	KHD2-315A/750VDCgRDIN2/202	315A	750V~900VDC	31.5W	58W	2000KA ² S	400KA ² S
	107E4433	KHD2-350A/750VDCgRDIN2/202	350A	750V~900VDC	35W	64.5W	2500KA ² S	500KA ² S
	107E4434	KHD2-400A/750VDCgRDIN2/202	400A	750V~900VDC	40.5W	74.5W	3100KA ² S	600KA ² S
	107E4435	KHD2-450A/750VDCgRDIN2/202	450A	750V~900VDC	49W	90W	4000KA ² S	800KA ² S
	107E4436	KHD2-500A/750VDCgRDIN2/202	500A	750V~800VDC	52W	95W	6200KA ² S	1200KA ² S

250A~450A Breaking Capacity分断能力 (KA) @ 750 V=100KA L/R = 100 ms;

250A~450A Breaking Capacity分断能力 (KA) @ 900 V=100KA L/R = 40 ms;

500A Breaking Capacity分断能力@ 800 V=100KA L/R = 40 ms;

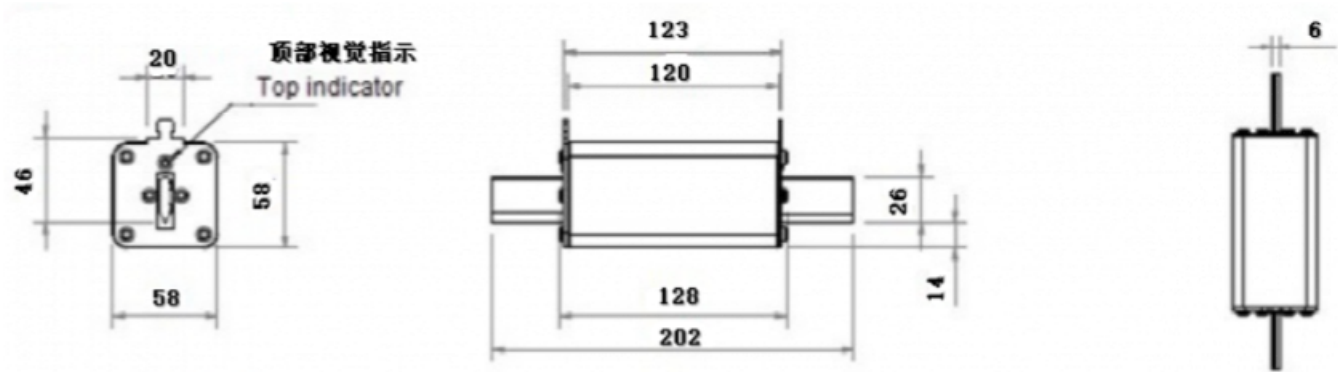
产品保护类别 Class:

aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护

gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护

gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护

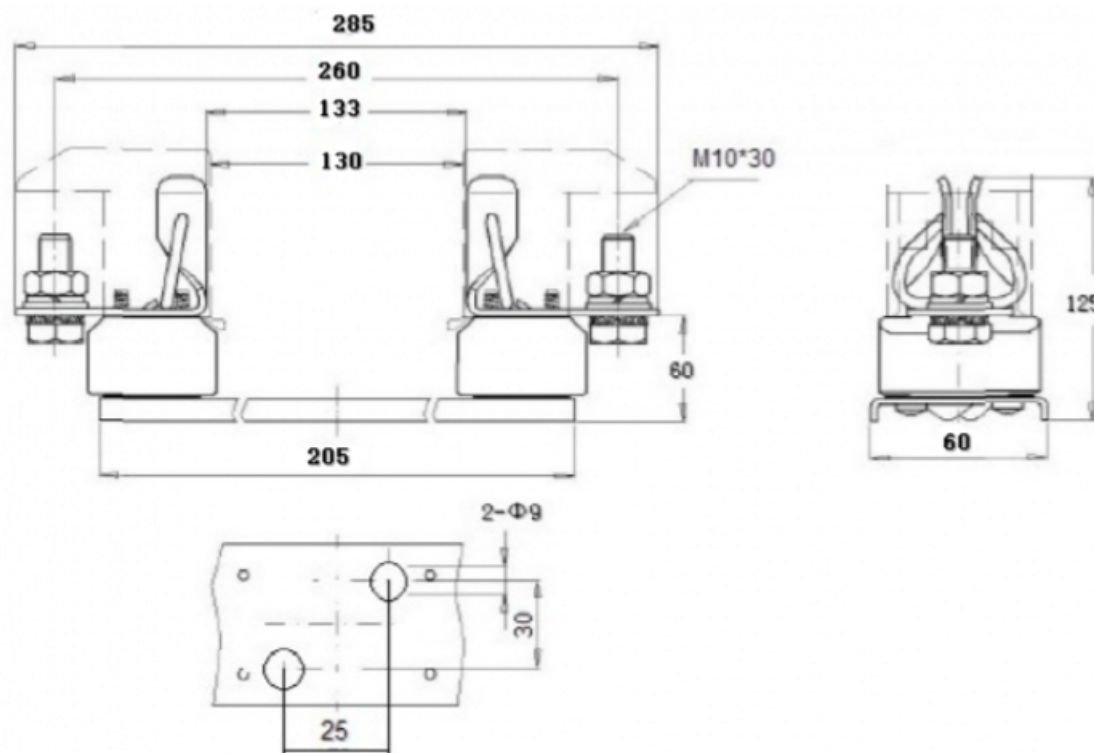
Dimensions(mm) (DIN2-202) 安装尺寸示意图:



需侧面加装190K1225一常开一常闭微动开关触点，订货时备注



Main Characteristics 主要技术参数 电压 Voltage:1000VAC~2000VAC 电流: from 6A to 630A



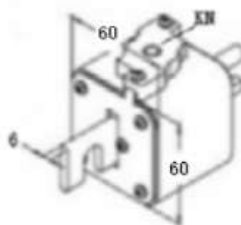
KBZ112 fuse holder常开式安装底座



Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 250A to 500A 类别Class: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(W) 功耗		I ² t @900V L/R=40ms 熔断I ² t(KA ² S)	
					0.8I _N	I _N	I _P = 10 I _N	I _P = 50 I _N
2KN/160 gR 型	107E2411	KZ2-250A/750VDC2KN/160	250A	750V~900VDC	25.5W	46.7W	1250KA ² S	250KA ² S
	107E2412	KZ2-315A/750VDC2KN/160	315A	750V~900VDC	31.5W	58W	2000KA ² S	400KA ² S
	107E2413	KZ2-350A/750VDC2KN/160	350A	750V~900VDC	35W	64.5W	2500KA ² S	500KA ² S
	107E2414	KZ2-400A/750VDC2KN/160	400A	750V~900VDC	40.5W	74.5W	3100KA ² S	600KA ² S
	107E2415	KZ2-450A/750VDC2KN/160	450A	750V~900VDC	49W	90W	4000KA ² S	800KA ² S
	107E2416	KZ2-500A/750VDC2KN/160	500A	750V~800VDC	52W	95W	6200KA ² S	1200KA ² S

Dimensions(mm) (2KN/160) 安装尺寸示意图:

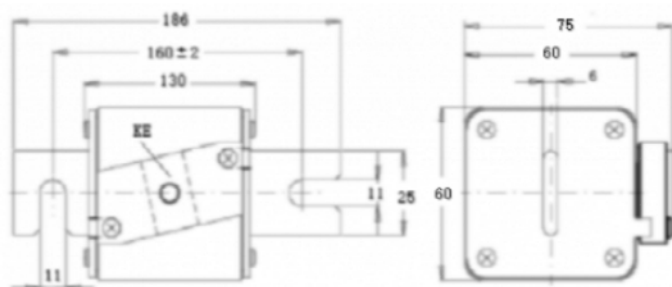


Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 (V)	Watts Loss(W) 功耗		I ² t @900V L/R=40ms 熔断I ² t(KA ² S)	
					0.8I _N	I _N	I _P = 10 I _N	I _P = 50 I _N
2KE/160 gR 型	107E2421	KZ2-250A/750VDC2KE/160	250A	750V~900VDC	25.5W	46.7W	1250KA ² S	250KA ² S
	107E2422	KZ2-315A/750VDC2KE/160	315A	750V~900VDC	31.5W	58W	2000KA ² S	400KA ² S
	107E2423	KZ2-350A/750VDC2KE/160	350A	750V~900VDC	35W	64.5W	2500KA ² S	500KA ² S
	107E2424	KZ2-400A/750VDC2KE/160	400A	750V~900VDC	40.5W	74.5W	3100KA ² S	600KA ² S
	107E2425	KZ2-450A/750VDC2KE/160	450A	750V~900VDC	49W	90W	4000KA ² S	800KA ² S
	107E2426	KZ2-500A/750VDC2KE/160	500A	750V~800VDC	52W	95W	6200KA ² S	1200KA ² S

250A~450A Breaking Capacity分断能力 (KA) @ 750 V=100KA L/R = 100 ms; 250A~450A Breaking Capacity分断能力 (KA) @ 900

V=100KA L/R = 40 ms; 500A Breaking Capacity分断能力@ 800 V=100KA L/R = 40 ms;

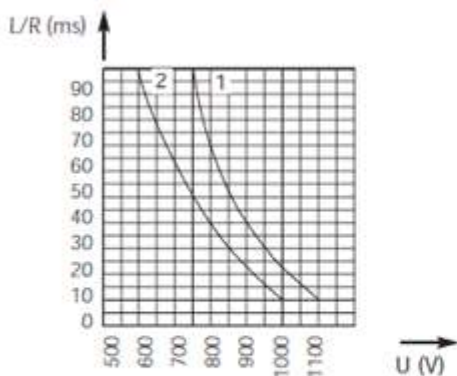
Dimensions(mm) (2KE/160) 安装尺寸示意图:



Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 250A to 500A 类别Class:gR

Electrical characteristics 电气特性:

Electrical characteristics DC applications data

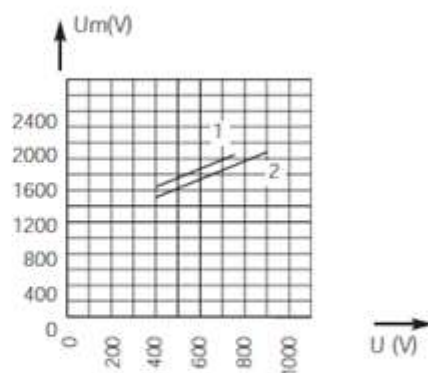


1: curve 250A~450A
2: curve 500A

Above: Curves indicate 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

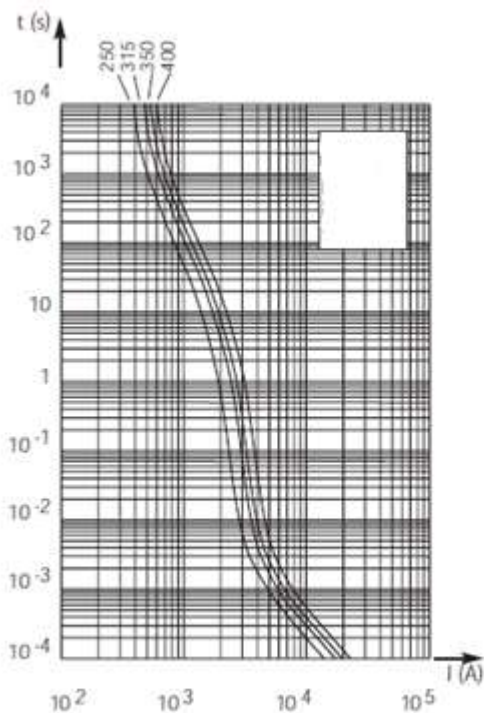
Peak arc voltage vs. working voltage



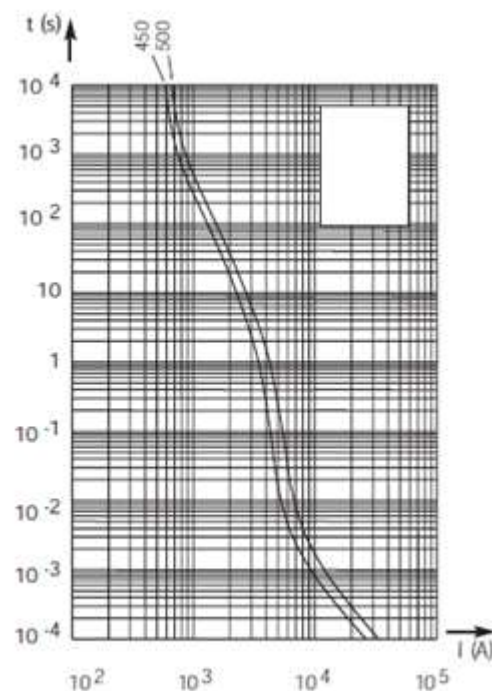
1: $L/R = 100$ ms
2: $L/R = 40$ ms

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

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.



$\pm 7\%$ tolerance for mean pre-arcing current

Main Characteristics参数 电压Voltage:660V~900VDC 电流Current: from 500A to 800A 类别Class:gR

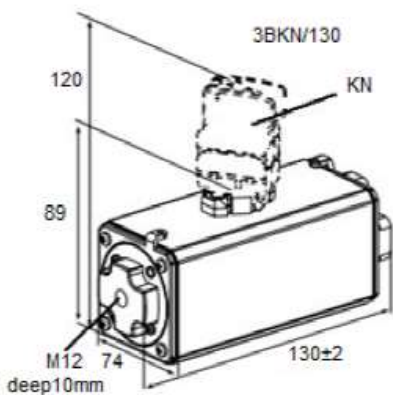
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流(A)	Voltage 电压(V)	Watts Loss (W)功耗		I²t @Un L/R=40ms 熔断I²t(KA²S)	
					0.8I _N	I _N	I _P = 10 I _N	I _P = 50 I _N
3BKN/130 gR 型	107E1511	KPD3-500A/750VDC3BKN/130	500A	750V~900VDC	51W	93W	5000KA²S	1000KA²S
	107E1512	KPD3-630A/750VDC3BKN/130	630A	750V~800VDC	74W	134W	7500KA²S	1500KA²S
	107E1513	KPD3-700A/750VDC3BKN/130	700A	750V~800VDC	82W	148W	10000KA²S	2000KA²S
	107E1514	KPD3-750A/750VDC3BKN/130	750A	750V~800VDC	82W	148W	10000KA²S	2000KA²S
	107E1515	KPD3-800A/750VDC3BKN/130	800A	660V~750VDC	90W	162W	12150KA²S	2600KA²S

500A Breaking Capacity分断能力@ 750 V=100KA L/R = 100 ms; Breaking Capacity分断能力@ 900 V=100KA L/R = 40 ms.
630A~750A Breaking Capacity分断能力@ 750 V=100KA L/R = 100 ms; Breaking Capacity分断能力@ 800 V=100KA L/R = 40 ms.
800A Breaking Capacity分断能力@ 660 V=100KA L/R = 30 ms;

产品保护类别 Class:

- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

Dimensions(mm)（3BKN/130）安装尺寸示意图:



Main Characteristics参数 电压Voltage:660V~900VDC 电流Current: from 500A to 800A 类别Class:gR

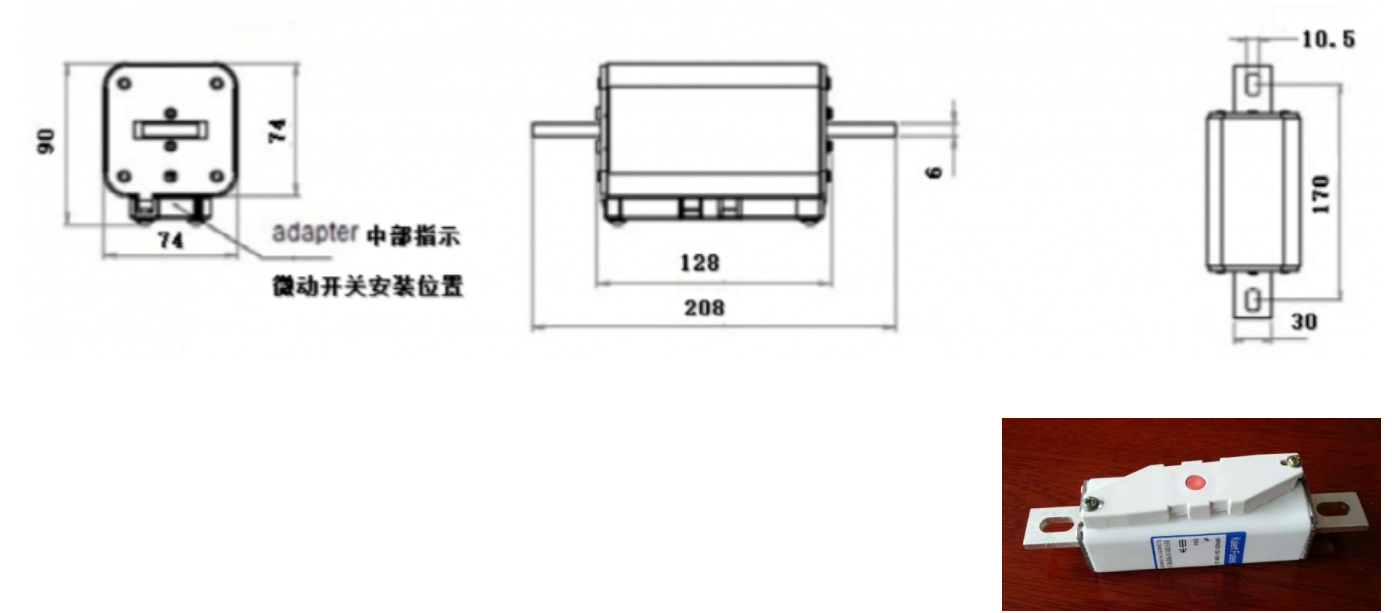
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流(A)	Voltage 电压(V)	Watts Loss (W)功耗		I²t @Un L/R=40ms 熔断I²t(KA²S)	
					0.8I _n	I _n	I _p = 10 I _N	I _p = 50 I _N
3KIN/170 gR 型	107E3581	KMD3-500A/750VDCgR3KIN/170	500A	750V~900VDC	51W	93W	5000KA²S	1000KA²S
	107E3582	KMD3-630A/750VDCgR3KIN/170	630A	750V~800VDC	74W	134W	7500KA²S	1500KA²S
	107E3583	KMD3-700A/750VDCgR3KIN/170	700A	750V~800VDC	82W	148W	10000KA²S	2000KA²S
	107E3584	KMD3-750A/750VDCgR3KIN/170	750A	750V~800VDC	82W	148W	10000KA²S	2000KA²S
	107E3585	KMD3-800A/750VDCgR3KIN/170	800A	660V~750VDC	90W	162W	12150KA²S	2600KA²S

500A Breaking Capacity分断能力@ 750 V=100KA L/R = 100 ms; Breaking Capacity分断能力@ 900 V=100KA L/R = 40 ms.
630A~750A Breaking Capacity分断能力@ 750 V=100KA L/R = 100 ms; Breaking Capacity分断能力@ 800 V=100KA L/R = 40 ms.
800A Breaking Capacity分断能力@ 660 V=100KA L/R = 30 ms;

产品保护类别 Class:

- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

Dimensions(mm)（3KIN/170）安装尺寸示意图:



Main Characteristics参数 电压Voltage:660V~900VDC 电流Current: from 500A to 800A 类别Class:gR

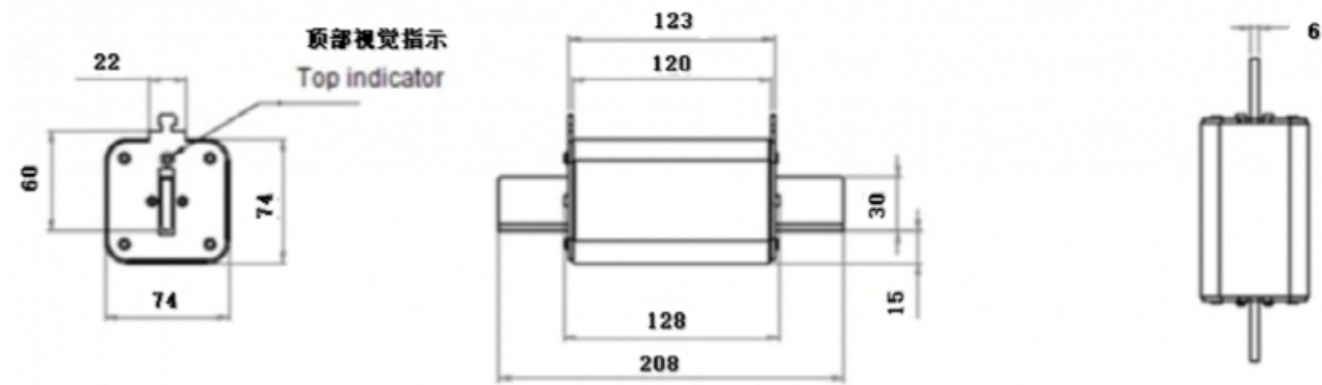
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流(A)	Voltage 电压(V)	Watts Loss (W)功耗		I²t @Un L/R=40ms 熔断I²t(KA²S)	
					0.8I _N	I _N	I _P = 10 I _N	I _P = 50 I _N
DIN3-208 gR 型	107E4531	KHD3-500A/750VDCgRDIN3/208	500A	750V~900VDC	51W	93W	5000KA²S	1000KA²S
	107E4532	KHD3-630A/750VDCgRDIN3/208	630A	750V~800VDC	74W	134W	7500KA²S	1500KA²S
	107E4533	KHD3-700A/750VDCgRDIN3/208	700A	750V~800VDC	82W	148W	10000KA²S	2000KA²S
	107E4534	KHD3-750A/750VDCgRDIN3/208	750A	750V~800VDC	82W	148W	10000KA²S	2000KA²S
	107E4535	KHD3-800A/750VDCgRDIN3/208	800A	660V~750VDC	90W	162W	12150KA²S	2600KA²S

500A Breaking Capacity分断能力@ 750 V=100KA L/R = 100 ms; Breaking Capacity分断能力@ 900 V=100KA L/R = 40 ms.
630A~750A Breaking Capacity分断能力@ 750 V=100KA L/R = 100 ms; Breaking Capacity分断能力@ 800 V=100KA L/R = 40 ms.
800A Breaking Capacity分断能力@ 660 V=100KA L/R = 30 ms;

产品保护类别 Class:

- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

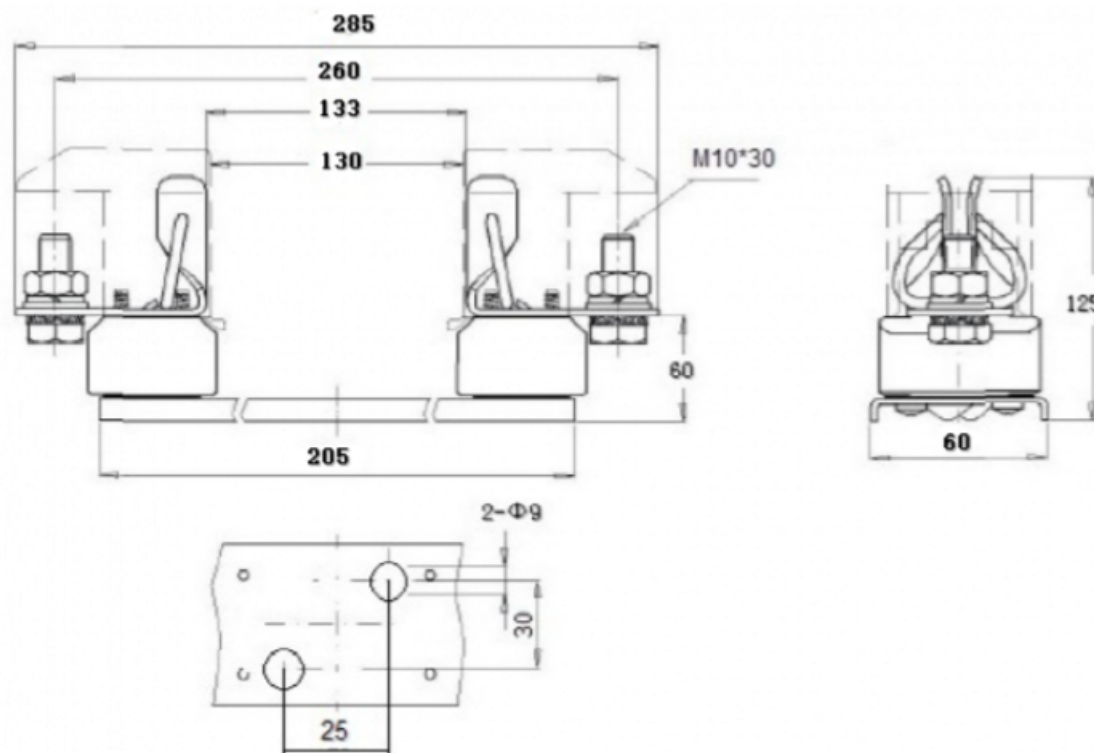
Dimensions(mm)（DIN3-208）安装尺寸示意图:



需侧面加装190K1225一常开一常闭微动开关触点，订货时备注



Main Characteristics 主要技术参数 电压 Voltage:1000VAC~2000VAC 电流: from 6A to 630A



KBZ112 fuse holder常开式安装底座



Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 250A to 500A 类别Class: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(W) 功耗		I²t @900V L/R=40ms 熔断I²t(KA²S)	
					0.8I _N	I _N	I _p = 10 I _N	I _p = 50 I _N
3LKN/153 gR 型	107E5540	RDF3-250A/750VDC3LKN/153	250A	750V~900VDC	25.5W	46.7W	1250KA²S	250KA²S
	107E5541	RDF3-315A/750VDC3LKN/153	315A	750V~900VDC	31.5W	58W	2000KA²S	400KA²S
	107E5542	RDF3-350A/750VDC3LKN/153	350A	750V~900VDC	35W	64.5W	2500KA²S	500KA²S
	107E5543	RDF3-400A/750VDC3LKN/153	400A	750V~900VDC	40.5W	74.5W	3100KA²S	600KA²S
	107E5544	RDF3-450A/750VDC3LKN/153	450A	750V~900VDC	49W	90W	4000KA²S	800KA²S
	107E5545	RDF3-500A/750VDC3LKN/153	500A	750V~900VDC	52W	95W	6200KA²S	1200KA²S
	107E5546	RDF3-630A/750VDC3LKN/153	630A	750V~900VDC	74W	134W	7500KA²S	1500KA²S
	107E5547	RDF3-700A/750VDC3LKN/153	700A	750V~900VDC	82W	148W	10000KA²S	2000KA²S

250A~700A Breaking Capacity分断能力（KA）@ 750 V=100KA L/R = 100 ms;

250A~700A Breaking Capacity分断能力（KA）@ 900 V=100KA L/R = 40 ms;

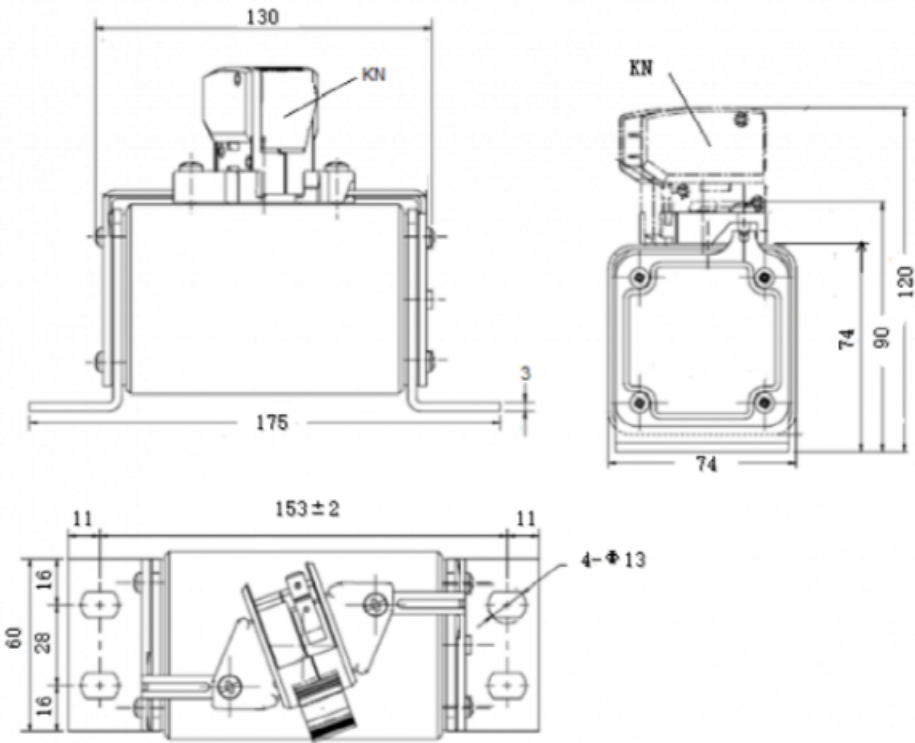
产品保护类别 Class:

aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护

gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护

gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

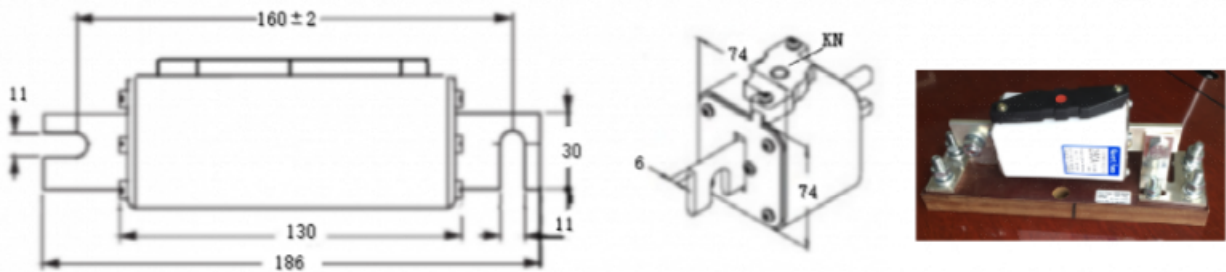
Dimensions(mm)（3LKN/153）安装尺寸示意图:



Main Characteristics参数 电压Voltage:660V~900VDC 电流Current: from 500A to 800A 类别Class: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 (W)功耗		I ² t @Un L/R=40ms 熔断I ² t(KA ² S)	
					0.8I _N	I _N	I _P = 10 I _N	I _P = 50 I _N
3KN/160 gR 型	107E2511	KZ3-500A/750VDC3KN/160	500A	750V~900VDC	51W	93W	5000KA ² S	1000KA ² S
	107E2512	KZ3-630A/750VDC3KN/160	630A	750V~800VDC	74W	134W	7500KA ² S	1500KA ² S
	107E2513	KZ3-700A/750VDC3KN/160	700A	750V~800VDC	82W	148W	10000KA ² S	2000KA ² S
	107E2514	KZ3-750A/750VDC3KN/160	750A	750V~800VDC	82W	148W	10000KA ² S	2000KA ² S
	107E2515	KZ3-800A/660VDC3KN/160	800A	660V~750VDC	90W	162W	12150KA ² S	2600KA ² S

Dimensions(mm) (3KN/160) 安装尺寸示意图:



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 (W)功耗		I ² t @Un L/R=40ms 熔断I ² t(KA ² S)	
					0.8I _N	I _N	I _P = 10 I _N	I _P = 50 I _N
3KE/160 gR 型	107E2521	107E2521-500A/750VDC3KE/160	500A	750V~900VDC	51w	934w	5000KA ² S	1000KA ² S
	107E2522	107E2522-630A/750VDC3KE/160	630A	750V~800VDC	74w	134w	7500KA ² S	1500KA ² S
	107E2523	107E2523-700A/750VDC3KE/160	700A	750V~800VDC	82w	148w	10000KA ² S	2000KA ² S
	107E2524	107E2524-750A/750VDC3KE/160	750A	750V~800VDC	82w	148w	10000KA ² S	2000KA ² S
	107E2525	107E2525-800A/660VDC3KE/160	800A	660V~750VDC	90w	162w	12150KA ² S	2600KA ² S

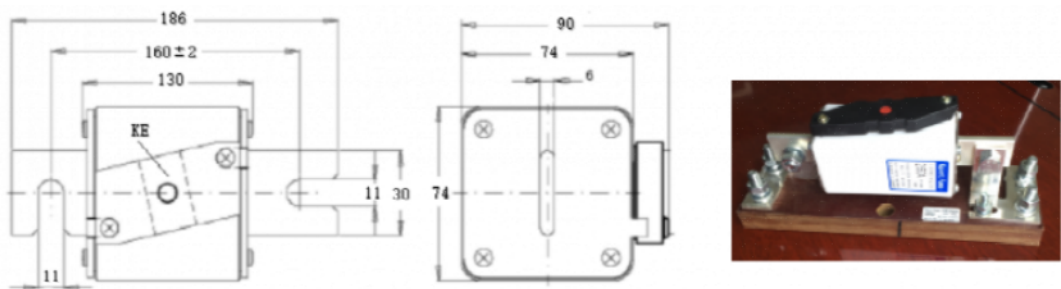
500A Breaking Capacity分断能力@ 750 V=100KA L/R = 100 ms; Breaking Capacity分断能力@ 900 V=100KA L/R = 40 ms.

630A~750A Breaking Capacity分断能力@ 750 V=100KA L/R = 100 ms; Breaking Capacity分断能力@ 800 V=100KA L/R = 40 ms.

800A Breaking Capacity分断能力@ 660 V=100KA L/R = 30 ms;

产品保护类别 Class:gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护

Dimensions(mm) (3KE/160) 安装尺寸示意图:



Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 500A to 800A 类别Class:gR

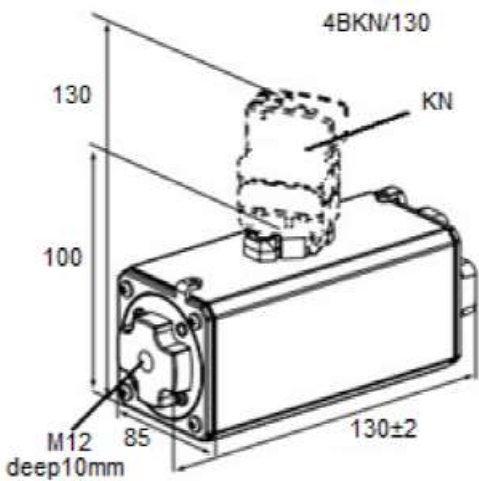
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 (V)	Watts Loss(W) 功耗		I²t @900VDC L/R=40ms 熔断I²t(KA²S)	
					0.8I _N	I _N	I _P = 10 I _N	I _P = 50I _N
4BKN/130 gR 型	107E1611	KPD4-500A/750VDC4BKN/130	500A	750V~900VDC	51W	93W	5000KA²S	1000KA²S
	107E1612	KPD4-630A/750VDC4BKN/130	630A	750V~900VDC	74W	134W	7500KA²S	1500KA²S
	107E1613	KPD4-700A/750VDC4BKN/130	700A	750V~900VDC	82W	148W	10000KA²S	2000KA²S
	107E1614	KPD4-750A/750VDC4BKN/130	750A	750V~900VDC	82W	148W	10000KA²S	2000KA²S
	107E1615	KPD4-800A/750VDC4BKN/130	800A	750V~900VDC	90W	162W	12150KA²S	2600KA²S

500A~800A Breaking Capacity分断能力@ 750 V=100KA L/R = 100 ms;;
500A~800A Breaking Capacity分断能力@ 900 V=100KA L/R = 40 ms.

产品保护类别 Class:

- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

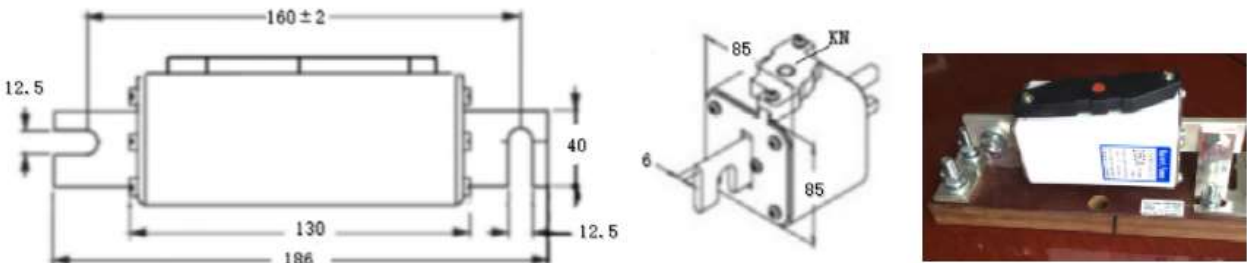
Dimensions(mm)（4BKN/130）安装尺寸示意图:



Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 500A to 800A 类别Class: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(W) 功耗		I²t @900VDC L/R=40ms 熔断I²t(KA²S)	
					0.8I _n	I _n	I _p = 10 I _N	I _p = 50 I _N
4KN/160 gR 型	107E2611	KZ4-500A/750VDC4KN/160	500A	750V~900VDC	51W	93W	5000KA²S	1000KA²S
	107E2612	KZ4-630A/750VDC4KN/160	630A	750V~900VDC	74W	134W	7500KA²S	1500KA²S
	107E2613	KZ4-700A/750VDC4KN/160	700A	750V~900VDC	82W	148W	10000KA²S	2000KA²S
	107E2614	KZ4-750A/750VDC4KN/160	750A	750V~900VDC	82W	148W	10000KA²S	2000KA²S
	107E2615	KZ4-800A/750VDC4KN/160	800A	750V~900VDC	90W	162W	12150KA²S	2600KA²S

Dimensions(mm)（4KN/160）安装尺寸示意图:

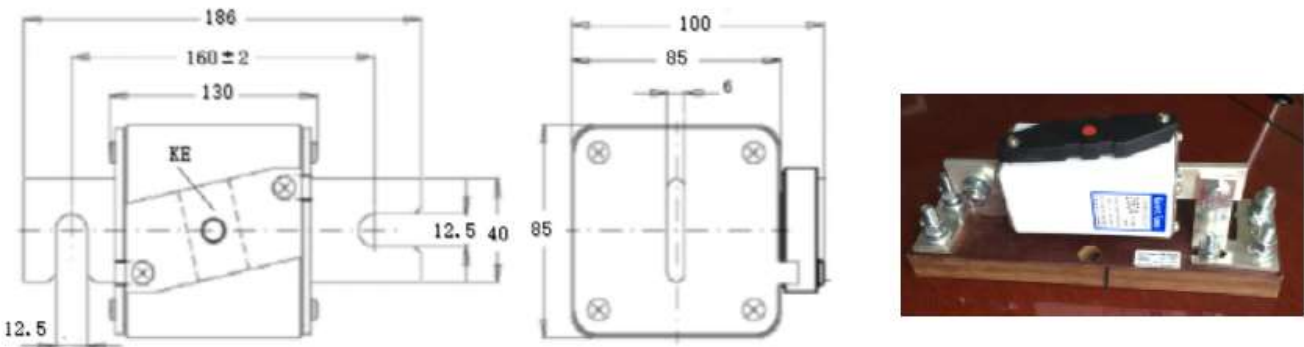


Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 (V)	Watts Loss(W) 功耗		I²t @900VDC L/R=40ms 熔断I²t(KA²S)	
					0.8I _n	I _n	I _p = 10 I _N	I _p = 50 I _N
4KE/160 gR 型	107E2621	KZ4-500A/750VDC4KE/160	500A	750V~900VDC	51W	93.5W	5000KA²S	1000KA²S
	107E2622	KZ4-630A/750VDC4KE/160	630A	750V~900VDC	74W	134W	7500KA²S	1500KA²S
	107E2623	KZ4-700A/750VDC4KE/160	700A	750V~900VDC	82W	148W	10000KA²S	2000KA²S
	107E2624	KZ4-750A/750VDC4KE/160	750A	750V~900VDC	82W	148W	10000KA²S	2000KA²S
	107E2625	KZ4-800A/750VDC4KE/160	800A	750V~900VDC	90W	162W	12150KA²S	2600KA²S

500A~800A Breaking Capacity分断能力@ 750 V=100KA L/R = 100 ms;; Breaking Capacity分断能力@ 900 V=100KA L/R = 40 ms.

产品保护类别 Class: gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护

Dimensions(mm)（4KE/160）安装尺寸示意图:

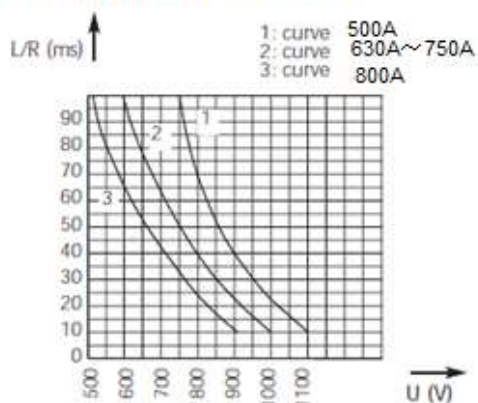


Main Characteristics参数 电压Voltage:660V~900VDC 电流Current: from 500A to 800A 类别Class:gR

Electrical characteristics 电气特性:

Electrical characteristics

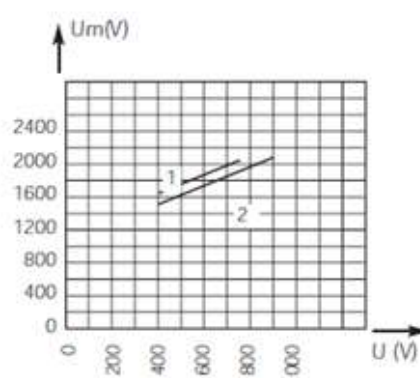
DC applications data



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

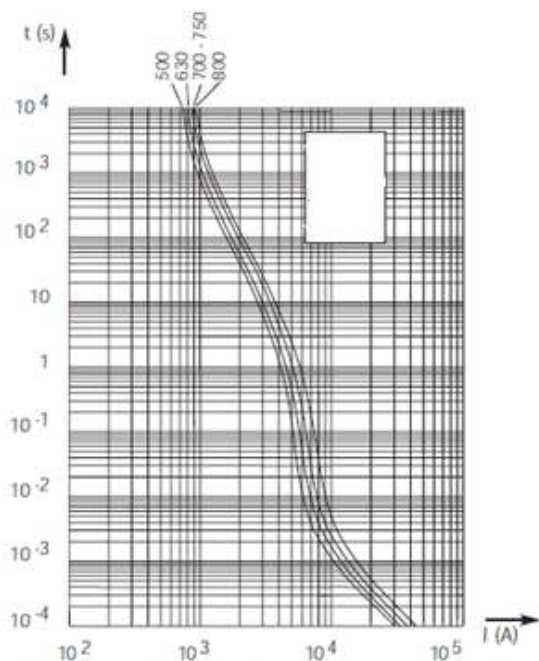
Max. AC voltage (50/60 Hz):
1250 V with breaking capacity of 170 kA

Peak arc voltage vs. working voltage



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:



Current rating (A)	630	550	Maximum operating current (A)
	700	600	
	750	600	
	800	650	

$\pm 7\%$ tolerance for mean pre-arcing current

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

Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 500A to 1000A 类别Class: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(W)		I ² t @Un L/R=40ms 熔断I ² t(KA ² S)	
					0.8I _N	I _N	I _P = 10 I _N	I _P = 50 I _N
5BKN/130 gR 型	107E1711	KPD5-500A/750VDC5BKN/130	500A	750V~900VDC	51W	94W	5000KA ² S	1000KA ² S
	107E1712	KPD5-630A/750VDC5BKN/130	630A	750V~900VDC	63W	116W	8000KA ² S	1600KA ² S
	107E1713	KPD5-800A/750VDC5BKN/130	800A	750V~900VDC	81W	149W	12400KA ² S	2400KA ² S
	107E1714	KPD5-900A/750VDC5BKN/130	900A	750V~900VDC	98W	180W	16000KA ² S	3200KA ² S
	107E1715	KPD5-1000A/750VDC5BKN/130	1000A	750V~800VDC	104W	190W	25000KA ² S	4800KA ² S

500A~900A Breaking Capacity分断能力 (KA) @ 750 V=100KA L/R = 100 ms;

500A~900A Breaking Capacity分断能力 (KA) @ 900 V=100KA L/R = 40 ms

1000A Breaking Capacity分断能力@ 750 V=100KA L/R = 100 ms;;

1000A Breaking Capacity分断能力@ 800 V=100KA L/R = 40 ms;

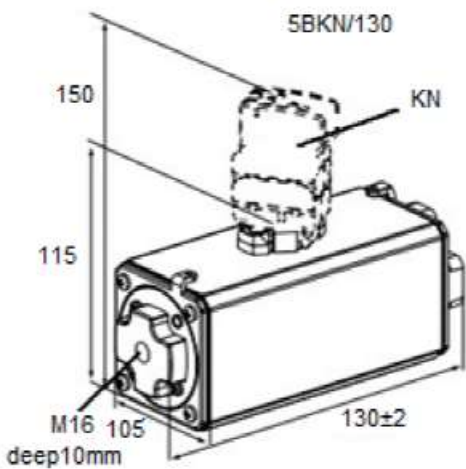
产品保护类别 Class:

aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护

gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护

gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

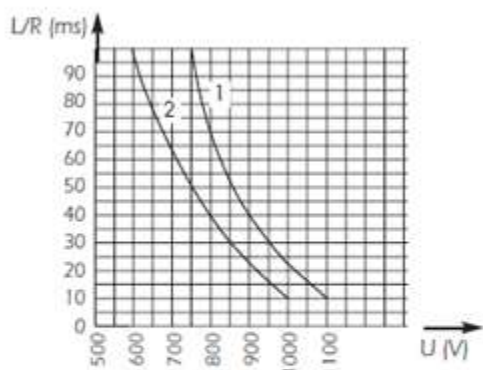
Dimensions(mm) (5BKN/130) 安装尺寸示意图:



Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 500A to 1000A 类别Class:gR

Electrical characteristics 电气特性:

Electrical characteristics DC applications data

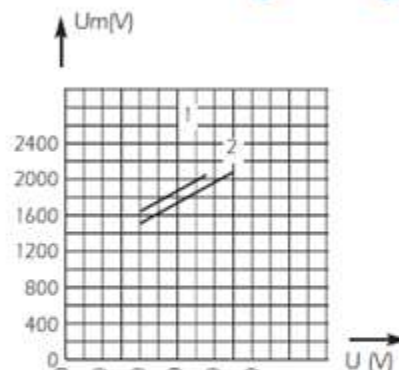


1 : curve 500A~900A
2 : curve 1000A

Above: Curves indicate 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

Peak arc voltage vs. working voltage

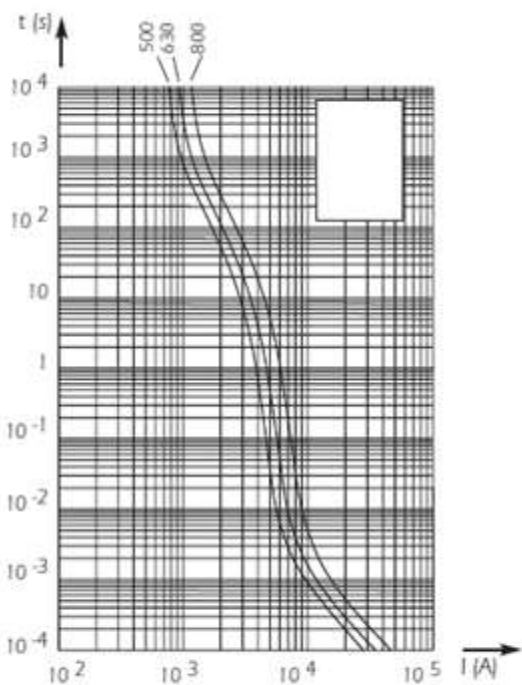


1 : $L/R = 100$ ms

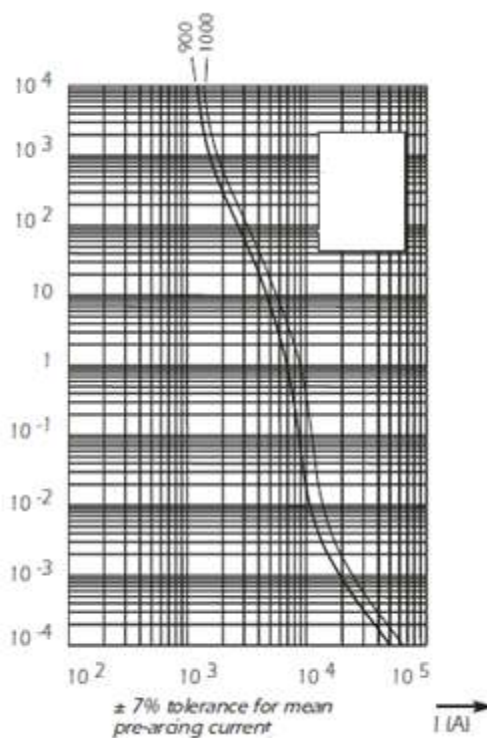
2 : $L/R = 40$ ms

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

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



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



Main Characteristics参数 电压Voltage:660V~900VDC 电流Current: from 1000A to 2000A 类别Class: gR

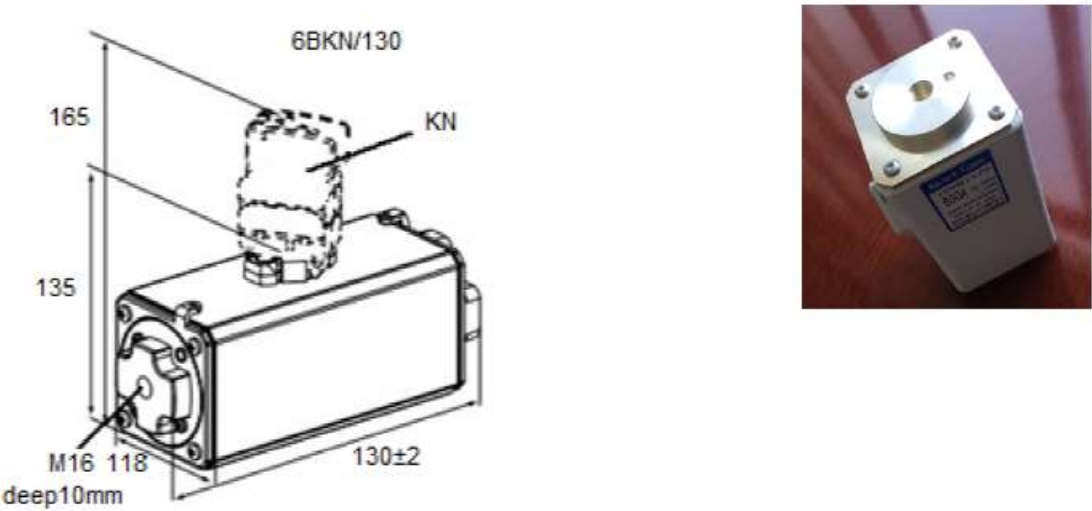
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 (V)	Watts Loss(W) 功耗		I²t @UnL/R=40ms 熔断I²t(KA²S)	
					0.8I _n	I _n	I _p = 10 I _N	I _p = 50I _N
6BKN/130 gR 型	107E1811	KPD6-1000A/750VDC6BKN/130	1000A	750V~900VDC	102W	187W	20000KA²S	4000KA²S
	107E1812	KPD6-1250A/750VDC6BKN/130	1250A	750V~800VDC	148W	274W	30000KA²S	6000KA²S
	107E1813	KPD6-1400A/750VDC6BKN/130	1400A	750V~800VDC	164W	304W	30000KA²S	8000KA²S
	107E1814	KPD6-1500A/750VDC6BKN/130	1500A	750V~800VDC	164W	304W	40000KA²S	8000KA²S
	107E1815	KPD6-1600A/750VDC6BKN/130	1600A	660V~750VDC	180W	335W	48600KA²S	10000KA²S
	107E1816	KPD6-1800A/750VDC6BKN/130	1800A	660V~750VDC	190W	385W	52600KA²S	12000KA²S
	107E1817	KPD6-2000A/750VDC6BKN/130	2000A	660V~750VDC	205W	410W	58600KA²S	14000KA²S

1000A Breaking Capacity分断能力@ 750 V=100KA L/R = 100 ms; Breaking Capacity分断能力@ 900 V=100KA L/R = 40 ms.
1250A~1500A Breaking Capacity分断能力@ 750 V=100KA L/R = 50 ms; Capacity分断能力@ 800 V=100KA L/R = 40 ms.
1600A ~2000A Breaking Capacity分断能力@ 660 V=100KA L/R = 50 ms;

产品保护类别 Class:

- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

Dimensions(mm)（6BKN/130）安装尺寸示意图:



Main Characteristics参数 电压Voltage:660V~900VDC 电流Current: from 1000A to 1600A 类别Class: gR

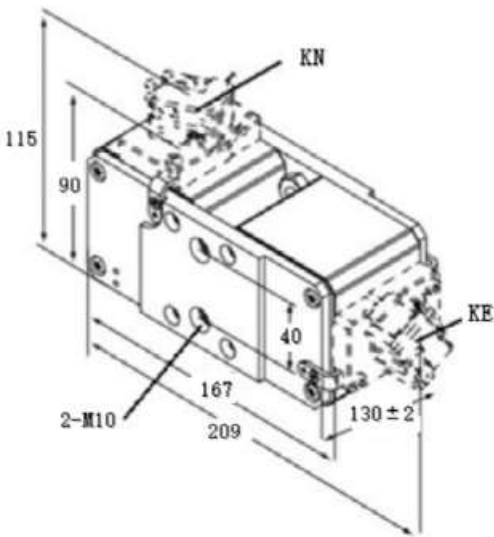
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 (V)	Watts Loss(W) 功耗		I²t @UnL/R=40ms 熔断I²t(KA²S)	
					0.8I _n	I _n	I _p = 10 I _N	I _p = 50I _N
23BKN/130 23BKE/130 gR 型	207E1511	KDH23-1000A/750VDC23BK_/130	1000A	750V~900VDC	102W	187W	20000KA²S	4000KA²S
	207E1512	KDH23-1250A/750VDC23BK_/130	1250A	750V~800VDC	148W	274W	30000KA²S	6000KA²S
	207E1513	KDH23-1400A/750VDC23BK_/130	1400A	750V~800VDC	164W	304W	30000KA²S	8000KA²S
	207E1514	KDH23-1500A/750VDC23BK_/130	1500A	750V~800VDC	164W	304W	40000KA²S	8000KA²S
	207E1515	KDH23-1600A/660VDC23BK_/130	1600A	660V~750VDC	180W	335W	48600KA²S	10000KA²S

1000A Breaking Capacity分断能力@ 750 V=100KA L/R = 100 ms; Breaking Capacity分断能力@ 900 V=100KA L/R = 40 ms.
1250A~1500A Breaking Capacity分断能力@ 750 V=100KA L/R = 50 ms; Capacity分断能力@ 800 V=100KA L/R = 40 ms.
1600A Breaking Capacity分断能力@ 660 V=100KA L/R = 50 ms;

产品保护类别 Class:

- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

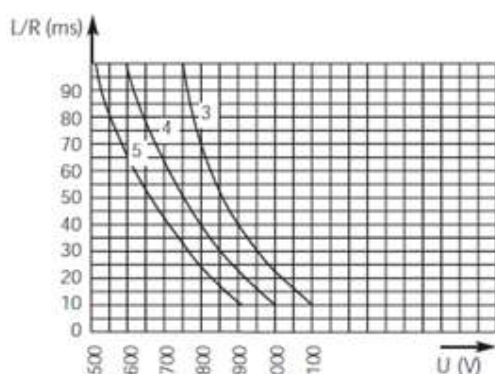
Dimensions(mm)（23BK-/130）安装尺寸示意图:



Main Characteristics参数 电压Voltage:750V~900VDC 电流Current: from 1000A to 1600A 类别Class: gR

Electrical characteristics 电气特性:

Electrical characteristics DC applications data

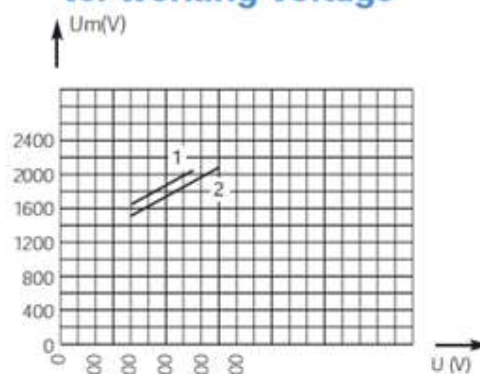


3: curve 1000A
4: curve 1250A~1500A
5: curve 1600A

Above: Curves indicate 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

Peak arc voltage vs. working voltage



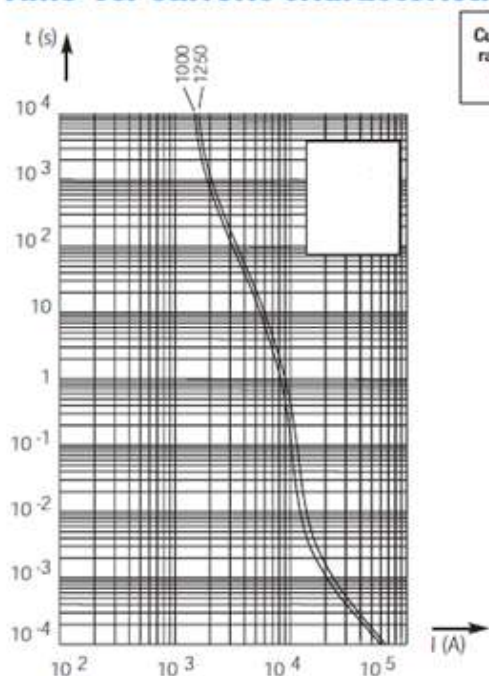
1: L/R = 100 ms

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

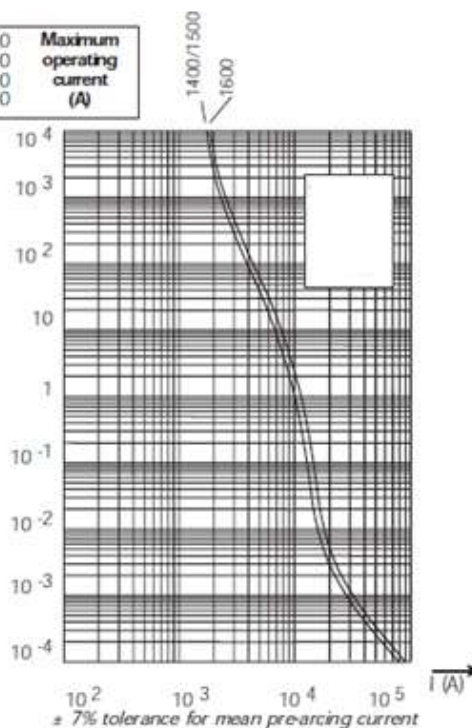
Time vs current characteristic 时间电流特性曲线:

Time vs. current characteristics



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

Current rating (A)	1250	1100	Maximum operating current (A)
	1400	1200	
	1500	1200	
	1600	1300	



± 7% tolerance for mean pre-arcing current

Main Characteristics参数 电压Voltage:1000V~1200VDC 电流Current: from 160A to 700A 类别Class: gR

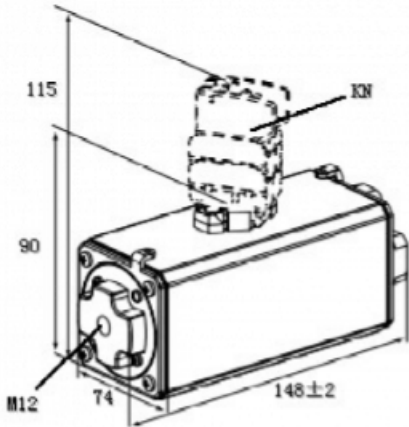
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Watts Loss(W) 功耗		I ² t @1000V L/R=30ms 熔断I ² t(KA ² S)	
					0.8I _N	I _N	I _P =10I _N	I _P =50I _N
3BKN/148	107E1520	KPD3-160A/1000VDCgR 3BKN/148	160A	1000V~1200VDC	21W	38W	755KA ² S	150KA ² S
	107E1521	KPD3-200A/1000VDCgR 3BKN/148	200A	1000V~1200VDC	24W	45W	1250KA ² S	250KA ² S
	107E1522	KPD3-250A/1000VDCgR 3BKN/148	250A	1000V~1200VDC	26W	48W	2000KA ² S	400KA ² S
	107E1523	KPD3-350A/1000VDCgR 3BKN/148	350A	1000V~1200VDC	35W	65W	2500KA ² S	500KA ² S
	107E1524	KPD3-400A/1000VDCgR 3BKN/148	400A	1000V~1200VDC	41W	75W	3100KA ² S	600KA ² S
	107E1525	KPD3-450A/1000VDCgR 3BKN/148	450A	1000V~1200VDC	50W	90W	4500KA ² S	800KA ² S
	107E1526	KPD3-500A/1000VDCgR 3BKN/148	500A	1000V~1200VDC	52W	95W	5000KA ² S	1000KA ² S
	107E1527	KPD3-550A/1000VDCgR 3BKN/148	550A	1000V~1200VDC	60W	120W	6500KA ² S	1400KA ² S
	107E1528	KPD3-630A/1000VDCgR 3BKN/148	630A	1000V~1200VDC	74W	134W	7500KA ² S	1500KA ² S
	107E1529	KPD3-700A/1000VDCgR 3BKN/148	700A	1000V~1200VDC	82W	148W	10000KA ² S	2000KA ² S

Breaking Capacity分断能力 (KA) @ 1000 V=100KA L/R = 30 ms

产品保护类别 Class:

- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

Dimensions (3BKN/148) 安装尺寸示意图



Main Characteristics参数 电压Voltage:1000V~1200VDC 电流Current: from 160A to 700A 类别Class: 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)	Watts Loss(W) 功耗		I²t @1000V L/R=30ms 熔断I²t(KA²S)	
					0.8I _N	I _N	I _p =10I _N	I _p =50I _N
3KN/170	107E2551	KZ3-160A/1000VDCgR 3KN/170	160A	1000V~1200VDC	21W	38W	755KA²S	150KA²S
	107E2552	KZ3-200A/1000VDCgR 3KN/170	200A	1000V~1200VDC	24W	45W	1250KA²S	250KA²S
	107E2553	KZ3-250A/1000VDCgR 3KN/170	250A	1000V~1200VDC	26W	48W	2000KA²S	400KA²S
	107E2554	KZ3-350A/1000VDCgR 3KN/170	350A	1000V~1200VDC	35W	65W	2500KA²S	500KA²S
	107E2555	KZ3-400A/1000VDCgR 3KN/170	400A	1000V~1200VDC	41W	75W	3100KA²S	600KA²S
	107E2556	KZ3-450A/1000VDCgR 3KN/170	450A	1000V~1200VDC	50W	90W	4500KA²S	800KA²S
	107E2557	KZ3-500A/1000VDCgR 3KN/170	500A	1000V~1200VDC	52W	95W	5000KA²S	1000KA²S
	107E2558	KZ3-550A/1000VDCgR 3KN/170	550A	1000V~1200VDC	60W	120W	6500KA²S	1400KA²S
	107E2559	KZ3-630A/1000VDCgR 3KN/170	630A	1000V~1200VDC	74W	134W	7500KA²S	1500KA²S
	107E2560	KZ3-700A/1000VDCgR 3KN/170	700A	1000V~1200VDC	82W	148W	10000KA²S	2000KA²S

Breaking Capacity分断能力（KA）@ 1000 V=100KA L/R = 30 ms

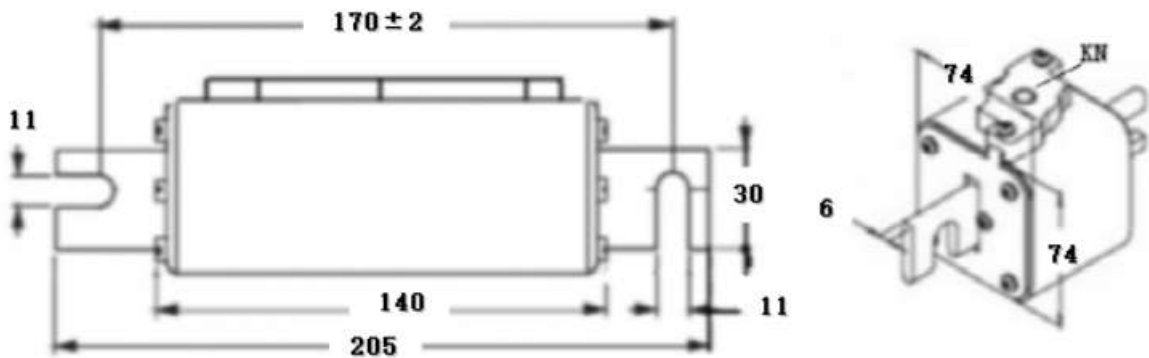
产品保护类别 Class:

aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护

gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护

gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

Dimensions（3KN/170）安装尺寸示意图



Main Characteristics参数 电压Voltage:1000V~1200VDC 电流Current: from 160A to 600A 类别Class: gR

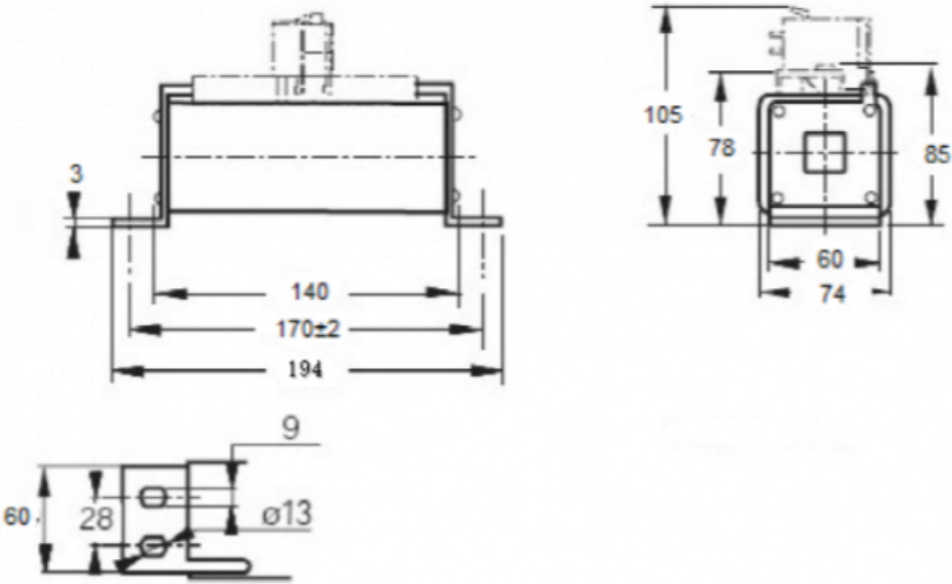
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Watts Loss(W) 功耗		I²t @1000V L/R=30ms 熔断I²t(KA²S)	
					0.8I _N	I _N	I _P =10I _N	I _P =50I _N
3LKN/170	107E5560	RDF3-160A/1000VDCgR 3LKN170	160A	1000V~1200VDC	21W	38W	755KA²S	150KA²S
	107E5561	RDF3-200A/1000VDCgR 3LKN170	200A	1000V~1200VDC	24W	45W	1250KA²S	250KA²S
	107E5562	RDF3-250A/1000VDCgR 3LKN170	250A	1000V~1200VDC	26W	48W	2000KA²S	400KA²S
	107E5563	RDF3-350A/1000VDCgR 3LKN170	350A	1000V~1200VDC	35W	65W	2500KA²S	500KA²S
	107E5564	RDF3-400A/1000VDCgR 3LKN170	400A	1000V~1200VDC	41W	75W	3100KA²S	600KA²S
	107E5565	RDF3-450A/1000VDCgR 3LKN170	450A	1000V~1200VDC	50W	90W	4500KA²S	800KA²S
	107E5566	RDF3-500A/1000VDCgR 3LKN170	500A	1000V~1200VDC	52W	95W	5000KA²S	1000KA²S

Breaking Capacity分断能力（KA）@ 1000 V=100KA L/R = 30 ms

产品保护类别 Class:

- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

Dimensions（3LKN/170）安装尺寸示意图



Main Characteristics参数 电压Voltage:1000V~1200VDC电流Current: from 700A to 1000A 类别Class: gR

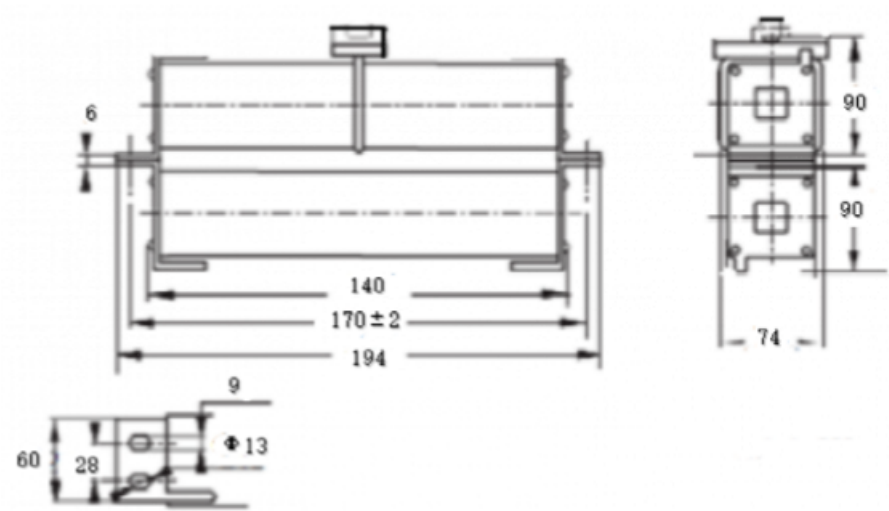
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Watts Loss(W) 功耗		I ² t @1000V L/R=30ms 熔断I ² t(KA ² S)	
					0.8I _N	I _N	I _P =10I _N	I _P =50I _N
23LKN/170	207E5560	RDF23-700A/1000VDCgR 23LKN170	700A	1000V~1200VDC	70W	135W	5000KA ² S	1000KA ² S
	207E5561	RDF23-800A/1000VDCgR 23LKN170	800A	1000V~1200VDC	82W	155W	6200KA ² S	1200KA ² S
	207E5562	RDF23-900A/1000VDCgR 23LKN170	900A	1000V~1200VDC	100W	185W	9000KA ² S	1600KA ² S
	207E5563	RDF23-1000A/1000VDCgR 23LKN170	1000A	1000V~1200VDC	104W	195W	10000KA ² S	2000KA ² S

Breaking Capacity分断能力 (KA) @ 1000 V=100KA L/R = 30 ms

产品保护类别 Class:

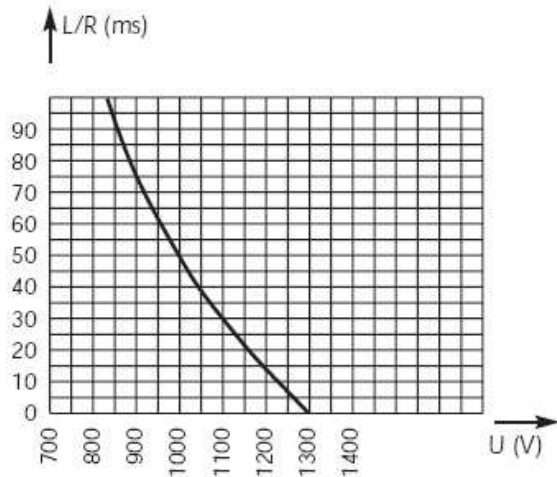
- aR -Small field protection of semiconductors 半导体器件整流桥内部短路快速保护
- gR - All-round protection of semiconductors; 半导体器件整流桥全范快速围保护
- gS - All-round protection of semiconductors for use in fuses 半导体器件整流桥全范围超快速保护.

Dimensions (23LKN/170) 安装尺寸示意:



Main Characteristics 参数 电压 Voltage: 1000V~1200VDC 电流 Current: from 160A to 600A 类别 Class: gR

DC applications data 应用数据

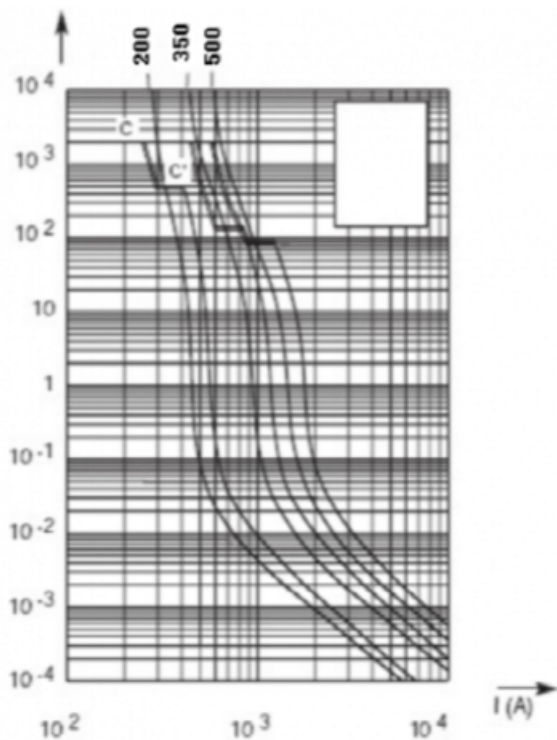


Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

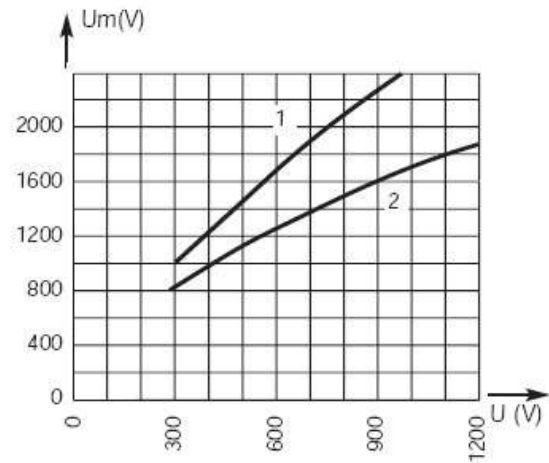
Max. AC voltage (50/60 Hz):

1000 V with breaking capacity of 100 kA

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

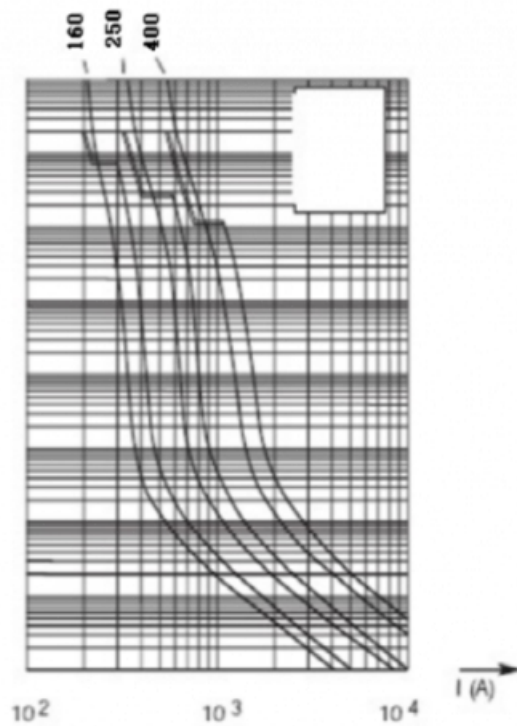


Peak arc voltage vs. working voltage



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



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

Main Characteristics参数 电压Voltage:1000V~1200VDC 电流Current: from 160A to 1000A类别Class: gR

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

