

开尔泰电气产品替代同类进口电气产品 High Speed Fuses For Semiconductor Protection

公司概况：开尔泰公司位于国家级经济技术开发区西安石羊科技产业园内，主要有三大系列产品。

熔断器系列 1：半导体保护熔断器、直流快速熔断器、LV-HRC 低压熔断器、高压限流熔断器。

电力半导体器件系列 2：普通晶闸管、普通整流管、IGBT 模块、快速晶闸管、GTO 器件。

散热器系列 3：水冷散热器、风冷散热器、型材散热器、模块散热器。

公司十分重视技术开发，始终坚持“产、学、研”相结合，以西安交大、西安电子科大、西工大、西电集团公司为技术依托，充分利用西安地区人才优势以及坚实的基础加工能力，建立“Kaiert”品牌战略。“立足西安，面向国内和国际两个市场”。

**公司宗旨：安全、品质、伙伴。**

熔断器系列：

从事各类熔断器的研制、生产和销售。主要产品有：快速熔断器、直流熔断器、LV-HRC 熔断器、高压限流熔断器。熔断器产品性能稳定，分断能力高、限流特性好、时间-电流误差小、功率损耗低等优点。在电气特性和外形安装尺寸上等效于进口熔断器，可替代 Bussmann 库柏——巴斯曼 170M 系列熔断器，Ferraz 罗兰——美尔森熔断器，Siemens 西门子 3NE 系列熔断器、3NA 熔断器，Siba 西霸熔断器，Jeanmuller 金米勒熔断器等。也可根据客户的要求另行设计。

产品主要用于：铁路整流器(电力机车 SS3 型、SS4 型、SS6 型、SS7 型、SS8 型、SS9 型)、地铁牵引、轻轨机车、动车组、石油、天然气开采(电控钻机平台)电传动、变频器、软启动电机、电解化工(铝电解)、中频电源、工控电源、充电桩、新能源汽车、太阳能光伏回流箱、逆变器、风能发电以及高低压成套装置。

因为专业造就品质、质量第一、信誉第一。竭诚为广大客户提供满意服务！



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Main Characteristics 主要技术参数 电压 Voltage: 690VAC/500VDC 电流: from 3A to 32A Class 类别: gR

The 10x38 gR cylindrical is a fast acting, full range fuse used in the protection of inverters, UPS, variable speed drives and other discrete semiconductor devices.

10*38mm系列圆柱型全范围保护快速熔断器主要用于保护逆变器、UPS不间断电源、变频器、电力半导体器件。

Benefits 特性优点:

International 10x38 mm 尺寸

for worldwide acceptance

Extremely fast acting 快速动作反应

Eliminate all overloads 过载保护

Current limiting 限流特性

Low I^2t for improved semiconductor protection 低 I^2t 值可靠保护半导体器件

Excellent cycling capability 循环使用

gR Class according to VDE 636-23 and IEC 60269-4 执行标准

Applications 主要应用范围:

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

保护小型逆变器、UPS不间断电源、马达驱动、和低于700VAC的电源设备。

Ratings 电压等级范围:

690VAC IEC 60269-4 and 交流电压

700VAC UL Recognized 交流电压

500VDC UL Recognized 直流电压

Approvals 认证:

UL/CSA Recognized Component

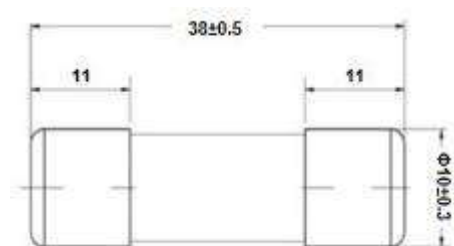
IEC 60269-4 Compliance 执行标准

AC: UL Guide No. E76491

RoHS Compliant

Dimensions (mm)

安装尺寸示意图:

**Related products 配套安装底座**

Fuse-holders: KCH10-1P/32A 单极封闭式底座 (35mm卡规)

Fuse-holders: KCH10-2P/32A、双极封闭式底座 (35mm卡规)

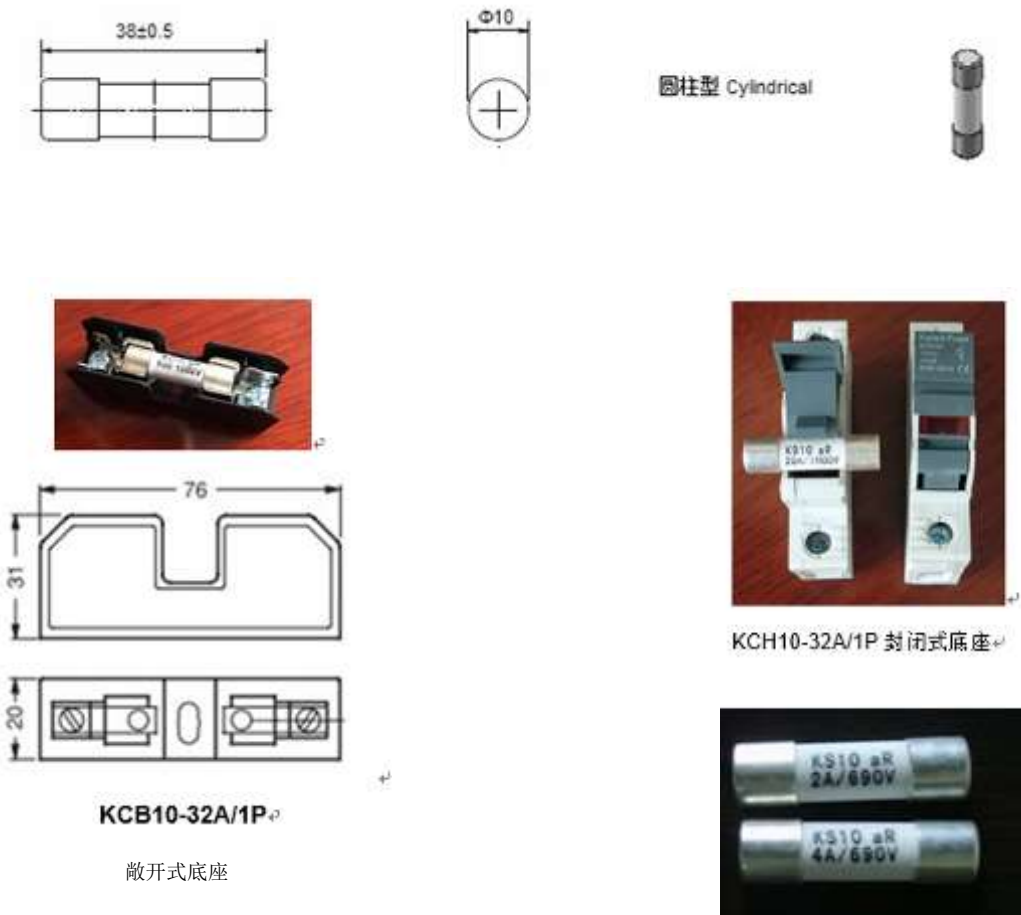
Fuse-holders: KCH10-3P/32A 三极封闭式底座 (35mm卡规)



Main Characteristics 主要技术参数 电压 Voltage:690VAC/500VDC 电流: from 3A to 32A Class 类别: gR

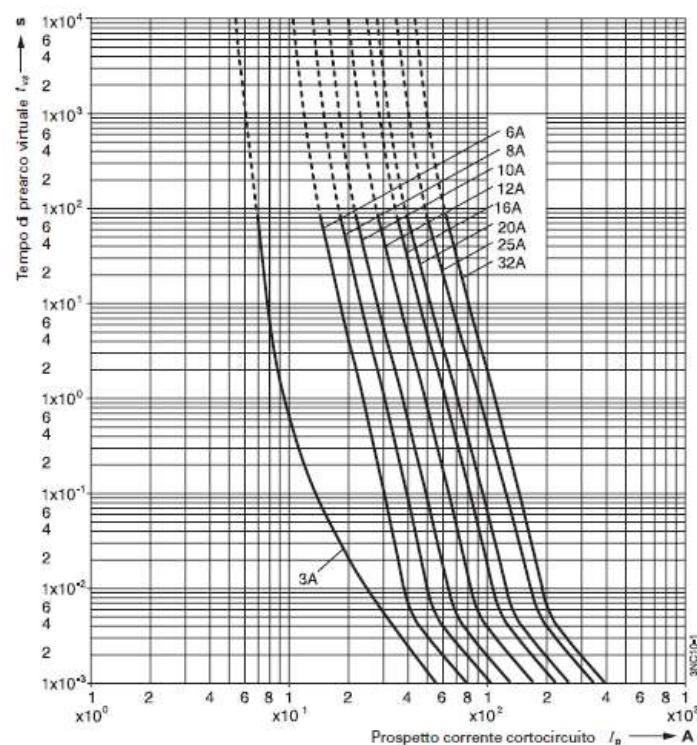
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un 熔断 (A ² S)
Φ10*38	6NC1003	6NC1003-3A/690VACgR50KAΦ10*38	3A	690VAC	50KA	gR	1.2W	8A ² S
	6NC1006	6NC1006-6A/690VACgR50KAΦ10*38	6A	690VAC	50KA	gR	1.5W	20A ² S
	6NC1008	6NC1008-8A/690VACgR50KAΦ10*38	8A	690VAC	50KA	gR	2W	30A ² S
	6NC1010	6NC1010-10A/690VACgR50KAΦ10*38	10A	690VAC	50KA	gR	2.5W	60A ² S
	6NC1012	6NC1012-12A/690VACgR50KAΦ10*38	12A	690VAC	50KA	gR	3W	110A ² S
	6NC1016	6NC1016-16A/690VACgR50KAΦ10*38	16A	690VAC	50KA	gR	3.5W	150A ² S
	6NC1020	6NC1020-20A/690VACgR50KAΦ10*38	20A	690VAC	50KA	gR	4.8W	200A ² S
	6NC1025	6NC1025-25A/690VACgR50KAΦ10*38	25A	690VAC	50KA	gR	6W	250A ² S
	6NC1032	6NC1032-32A/690VACgR50KAΦ10*38	32A	690VAC	50KA	gR	7.5W	500A ² S

Dimensions(mm)安装示意图:

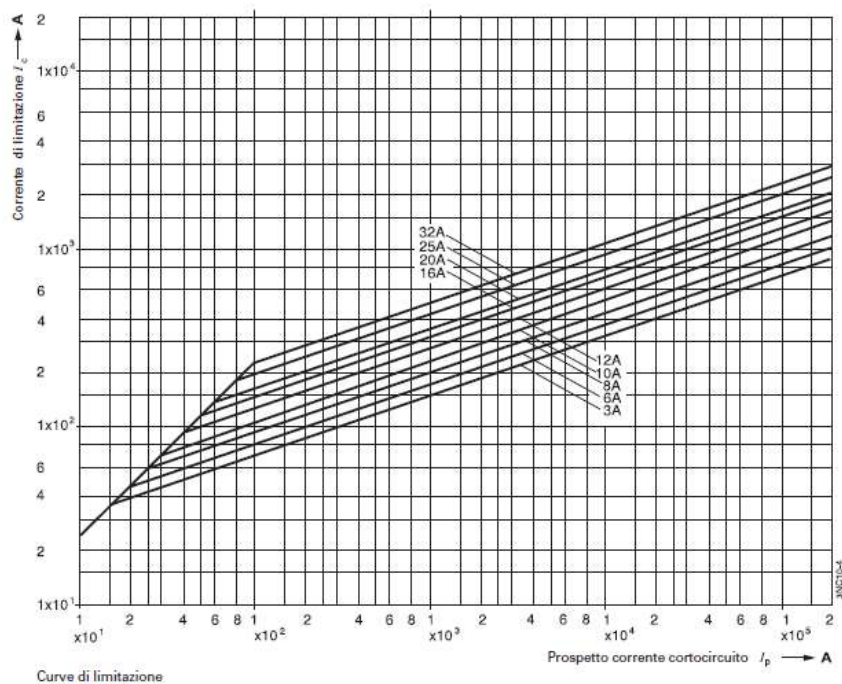


Main Characteristics 主要技术参数 电压 Voltage: 690VAC/500VDC 电流: from 3A to 32A Class 类别: gR

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线



CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Fuse Holders, Fuse bases and Supports 圆柱型熔断器底座 KCH10-1P、KCH10-2P、KCH10-3P

Cylindrical fuse-holders is finger-safe under IEC standards to an IP20 grade of protection, including fuse changing. Modular fuse-holders are available in 1, 2, 3 poles, with or without visual blown fuse indicator. Plastic shell is made of tough and durable thermoplastic or thermoset material. 圆柱型熔断器底座符合IEC安全标准和IP20保护等级，有单极、双极、三极，具有指示信号和无指示信号两种，外壳由坚固耐用的热塑性塑料或热固性材料制成。

Technical data overview 技术数据:

Voltage AC 电压等级	690VAC
Voltage DC 电压等级	690VDC
Ampere (A) 电流等级	32A
SCCR 开断能力	200kA
Mounting 安装方式	Installation on to DIN rails to EN 60715 导轨安装
Product Size 产品尺寸	For cylindrical fuse links $\Phi 10 \times 38 \text{mm}$
Number of Poles 极数	1 to 3 poles 单极、双极、三极

FEATURES & BENEFITS 功能和优点:

- Finger safe 手动操作安全
- Degree of protection: IP20 防护等级
- Optional visual blown fuse indicator 视觉指示
- DIN rail mounting 卡规安装
- Plastic material UL94V2 mini 塑壳材料
- Flame retardant materials with glow wire flammability index to 960°C 阻燃温度
- Vibration tested for marine and railway applications 抗震测试可用于铁路和船舶

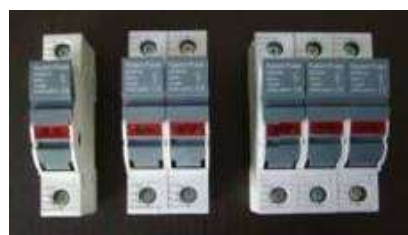
APPLICATIONS 应用:

- All circuits up to 690V for protection of motors, transformers, low voltage distribution, control circuits, drive protection
- 电动机、变压器、低压配电、控制电路、驱动保护。
- Non-load operation 不带负荷操作

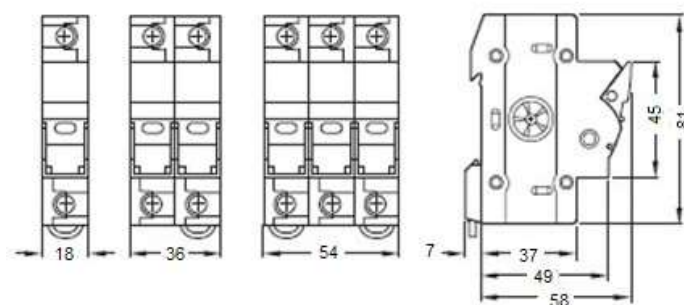
STANDARDS 标准:

- IEC 60269-2 and IEC 60947-3 Compliance
- RoHS Compliant
- Plastic material: NF 16101 & 16102 Requirement 2 Compliant 塑壳材料

Dimensional drawings 安装示意图: 封闭式熔断器底座



Cylindrical fuse holders
KCH10-32A



Size 尺寸 mm×mm	U_e (V) AC/VDC 电压	Number 订货号	Weight (Kg) 重量
$\Phi 10 \times 38 \text{mm}$	690V~690VAC/DC	KCH10-32A/1P 单极	0.07KG/PCS
$\Phi 10 \times 38 \text{mm}$	690V~690VAC/DC	KCH10-32A/2P 双极	0.14KG/PCS
$\Phi 10 \times 38 \text{mm}$	690V~690VAC/DC	KCH10-32A/3P 三极	0.21KG/PCS

Main Characteristics 主要技术参数 电压 Voltage: 690VAC/700VDC 电流: from 1A to 50A Class 类别: gR

size 14x51 have been designed to protect power semiconductors, complying with standard IEC60269-1 and -4. They are extremely high interrupting rating fuses: 690VAC, with large band of ratings (current rating 2A to 63A). Two models are existing: with or without trip-indicator.

14*51mm 系列圆柱型全范围保护快速熔断器主要用于功率电力半导体器件保护, 执行IEC269.4标准, 具有极高的分断能力, 电流范围2A~63A;具有熔断指示和熔断无指示两种结构形式。

Benefits 特性优点:

International 14x51 mm 尺寸

for worldwide acceptance

Extremely fast acting 快速动作反应

Eliminate all overloads 过载保护

Current limiting 限流特性

Low I^2t for improved semiconductor protection

低 I^2t 值可靠保护半导体器件

Excellent cycling capability 循环使用

gR Class according to VDE 636-23 and IEC 60269-4 执行标准

Applications 主要应用范围:

Protection of small inverters, UPS systems, motor drives and similar

700V or less equipment.

保护小型逆变器、UPS不间断电源、马达驱动、低于700VAC的电源设备。

Approvals 认证:

UL/CSA Recognized Component

IEC 60269-4 Compliance 执行标准

AC: UL Guide No. E76491

RoHS Compliant

Ratings 电压等级范围:

690VAC IEC 60269-4 and 交流电压 Breaking Capacity 分断能力 160KA

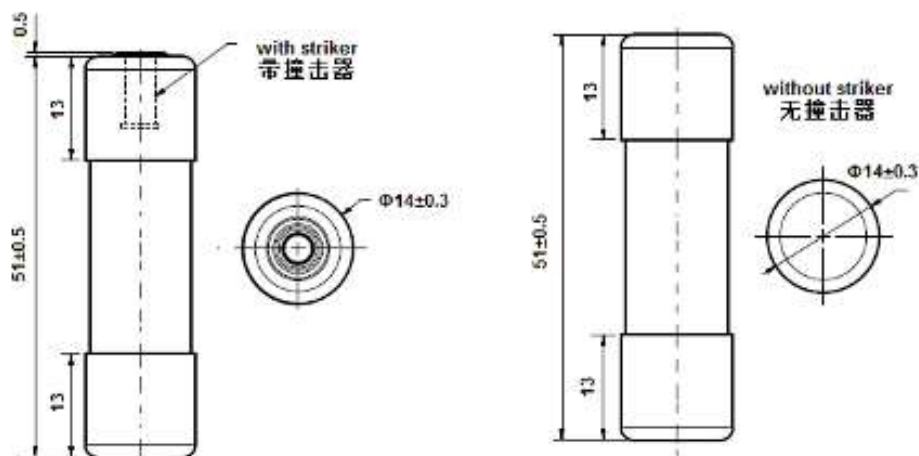
700VAC UL Recognized 交流电压 Breaking Capacity 分断能力 200KA

700VDC UL Recognized 直流电压 Breaking Capacity 分断能力 50K

Related products 配套安装底座

Fuse-holders: KCH14-1P/63A

单级封闭式底座 (35mm 卡规)

**Dimensions (mm) 安装尺寸示意图:**

Main Characteristics 主要技术参数 电压 Voltage: 690VAC/700VDC 电流: from 1A to 50A Class 类别: gR

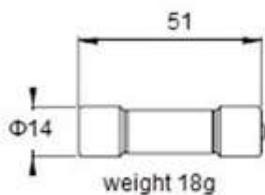
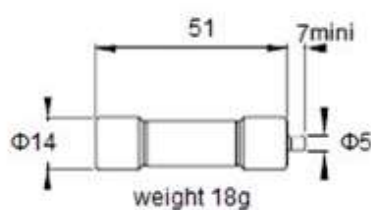
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un 熔断 (A ² S)
$\Phi 14 \times 51$ Without striking 无撞击器	6NC1401	6NC1401-1A/690VACgR50KA $\Phi 14 \times 51$	1A	690VAC	50KA	gR	5W	1.2A ² S
	6NC1402	6NC1402-2A/690VACgR50KA $\Phi 14 \times 51$	2A	690VAC	50KA	gR	3W	10A ² S
	6NC1403	6NC1403-3A/690VACgR50KA $\Phi 14 \times 51$	3A	690VAC	50KA	gR	2W	15A ² S
	6NC1404	6NC1404-4A/690VACgR50KA $\Phi 14 \times 51$	4A	690VAC	50KA	gR	2.5W	25A ² S
	6NC1405	6NC1405-5A/690VACgR50KA $\Phi 14 \times 51$	5A	690VAC	50KA	gR	3W	9A ² S
	6NC1406	6NC1406-6A/690VACgR50KA $\Phi 14 \times 51$	6A	690VAC	50KA	gR	1.5W	12A ² S
	6NC1410	6NC1410-10A/690VACgR50KA $\Phi 14 \times 51$	10A	690VAC	50KA	gR	4W	20A ² S
	6NC1415	6NC1415-15A/690VACgR50KA $\Phi 14 \times 51$	15A	690VAC	50KA	gR	5.5W	75A ² S
	6NC1420	6NC1420-20A/690VACgR50KA $\Phi 14 \times 51$	20A	690VAC	50KA	gR	6W	120A ² S
	6NC1425	6NC1425-25A/690VACgR50KA $\Phi 14 \times 51$	25A	690VAC	50KA	gR	7W	250A ² S
	6NC1430	6NC1430-30A/690VACgR50KA $\Phi 14 \times 51$	30A	690VAC	50KA	gR	9W	300A ² S
	6NC1432	6NC1432-32A/690VACgR50KA $\Phi 14 \times 51$	32A	690VAC	50KA	gR	7.6W	700A ² S
	6NC1440	6NC1440-40A/690VACgR50KA $\Phi 14 \times 51$	40A	690VAC	50KA	gR	8W	900A ² S
	6NC1450	6NC1450-50A/690VACgR50KA $\Phi 14 \times 51$	50A	690VAC	50KA	gR	9W	1800A ² S

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un 熔断 (A ² S)
$\Phi 14 \times 51$ With striking 带撞击器	6NC1410-5	6NC1410-5-10A/690VACgR50KA $\Phi 14 \times 51$	10A	690VAC	50KA	gR	4W	90A ² S
	6NC1415-5	6NC1415-5-15A/690VACgR50KA $\Phi 14 \times 51$	15A	690VAC	50KA	gR	5.5W	100A ² S
	6NC1420-5	6NC1420-5-20A/690VACgR50KA $\Phi 14 \times 51$	20A	690VAC	50KA	gR	6W	500A ² S
	6NC1425-5	6NC1425-5-25A/690VACgR50KA $\Phi 14 \times 51$	25A	690VAC	50KA	gR	7W	400A ² S
	6NC1430-5	6NC1430-5-30A/690VACgR50KA $\Phi 14 \times 51$	30A	690VAC	50KA	gR	9W	500A ² S
	6NC1432-5	6NC1432-5-32A/690VACgR50KA $\Phi 14 \times 51$	32A	690VAC	50KA	gR	7.6W	600A ² S
	6NC1440-5	6NC1440-5-40A/690VACgR50KA $\Phi 14 \times 51$	40A	690VAC	50KA	gR	8W	900A ² S
	6NC1450-5	6NC1450-5-50A/690VACgR50KA $\Phi 14 \times 51$	50A	690VAC	50KA	gR	9W	2000A ² S

Dimensions(mm)安装示意图:

6NC1401~6NC1450

6NC1410-5~6NC1450-5

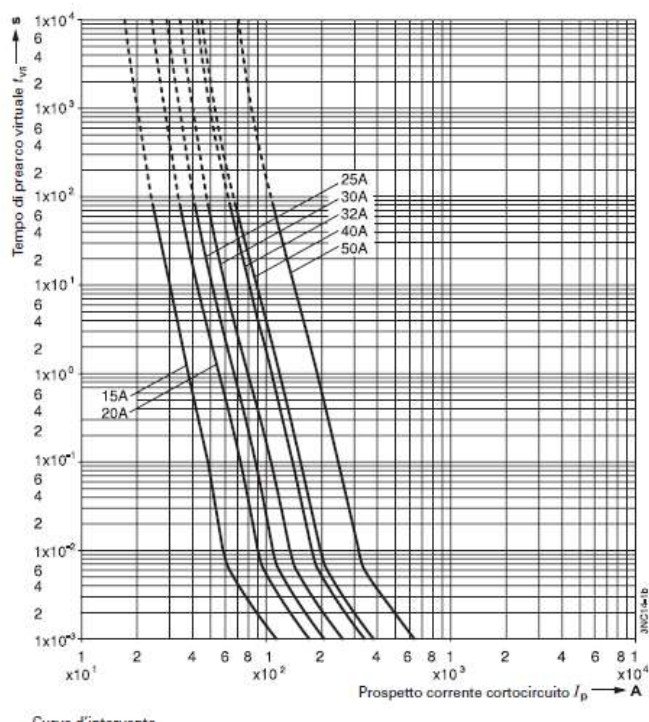
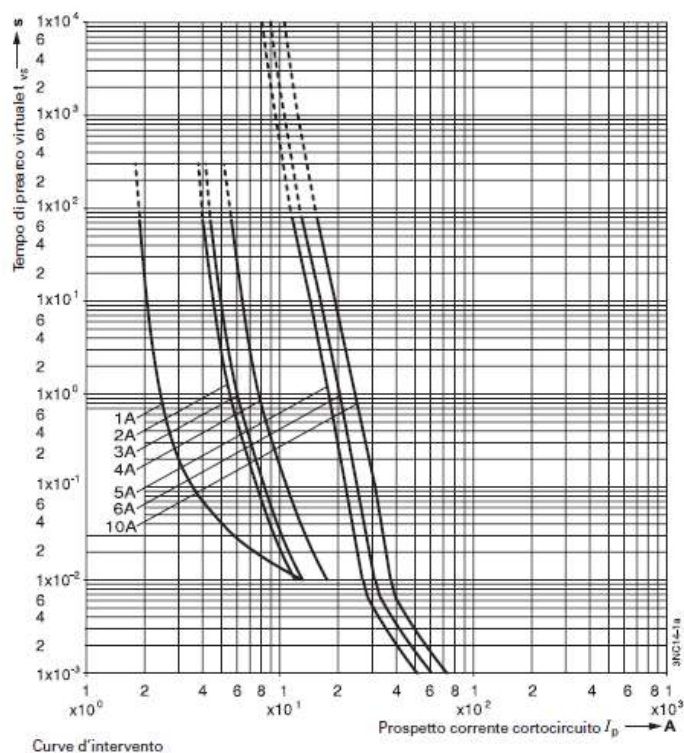
 $\Phi 14 \times 51$ Without striking 无撞击器 $\Phi 14 \times 51$ With striking 带撞击器

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 邮编: 710018

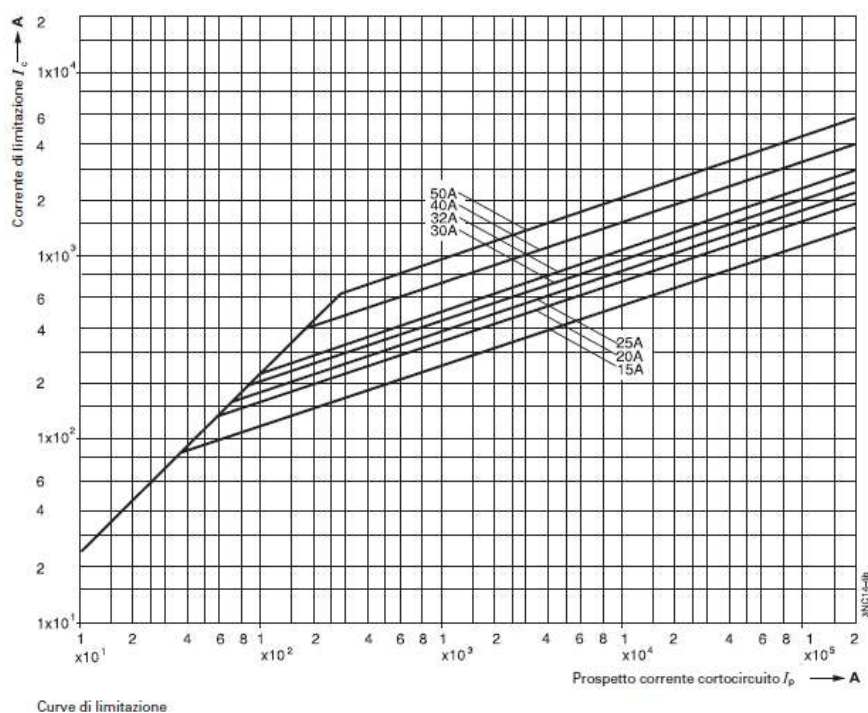
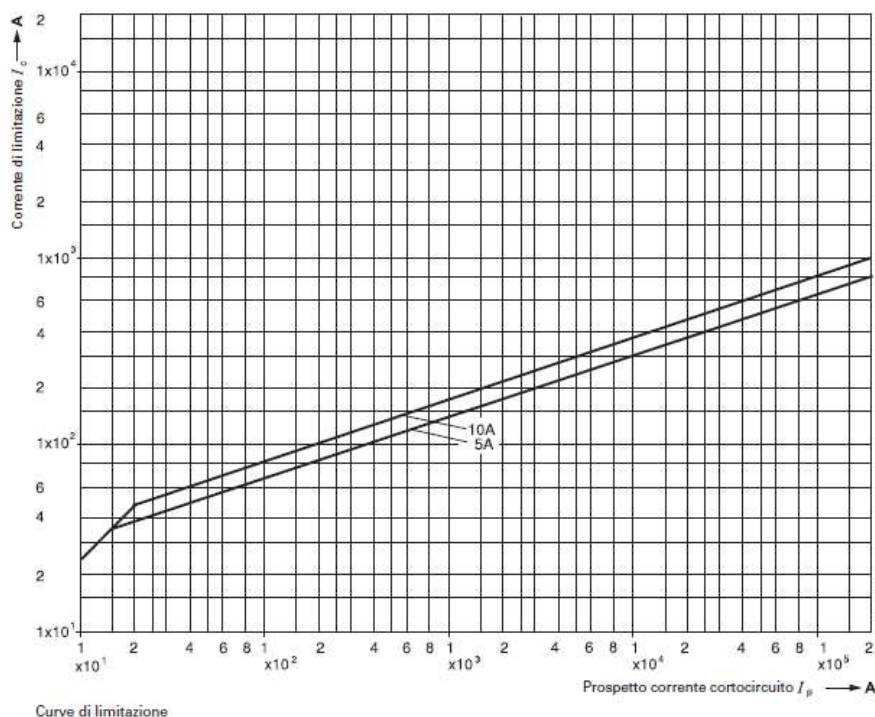
Main Characteristics 主要技术参数 电压 Voltage: 690VAC/700VDC 电流: from 1A to 50A Class 类别: gR

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线



Main Characteristics 主要技术参数 电压 Voltage: 690VAC/700VDC 电流: from 1A to 50A Class 类别: gR

CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Fuse Holders, Fuse bases and Supports 圆柱型熔断器底座 KCH14-63A/1P

Cylindrical fuse-holders is finger-safe under IEC standards to an IP20 grade of protection, including fuse changing Modular fuse-holders are available in 1, 2, 3 poles, with or without visual blown fuse indicator. Plastic shell is made of tough and durable thermoplastic or thermoset material. 圆柱型熔断器底座 符合IEC安全标准和IP20保护等级, 有单极、双极、三极, 具有指示信号和无指示信号两种, 外壳由坚固耐用的热塑性塑料或热固性材料制成。

Technical data overview 技术数据:

Voltage AC 电压等级	690VAC
Voltage DC电压等级	690VDC
Ampere (A)电流等级	63A
SCCR 开断能力	100kA
Mounting 安装方式	Installation on to DIN rails to EN 60715 导轨安装
Product Size 产品尺寸	For cylindrical fuse links Φ 14x51mm
Number of Poles 极数	1 poles 单极

FEATURES & BENEFITS 功能和优点:

- Finger safe手动操作安全
- Degree of protection: IP20防护等级
- Optional visual blown fuse indicator视觉指示
- DIN rail mounting 卡规安装
- Plastic material UL94V2 mini塑壳材料
- Flame retardant materials with glow wire flammability index to 960°C阻燃温度
- Vibration tested for marine and railway applications 抗震测试可用于铁路和船舶

APPLICATIONS 应用:

- All circuits up to 690V for protection of motors, transformers, low voltage distribution, control circuits, drive protection
- 电动机、变压器、低压配电、控制电路、驱动保护。
- Non-load operation 不带负荷操作

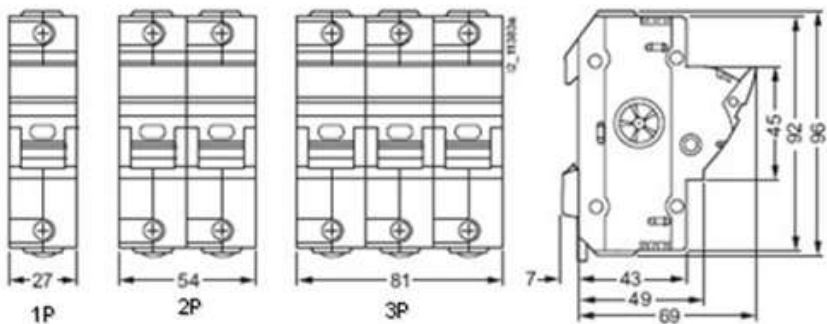
STANDARDS 标准:

- IEC 60269-2 and IEC 60947-3 Compliance
- RoHS Compliant
- Plastic material: NF 16101 & 16102 Requirement 2 Compliant 塑壳材料

Dimensional drawings安装示意图: 封闭式熔断器底座



Cylindrical fuse holders



Cylindrical fuse holders圆柱型底座 KCH14-63A

Size尺寸mm×mm	U _e (V)AC/DC 电压	Number订货号	Weight(Kg)重量
Φ14X51mm	690V~690VAC/DC	KCH14-63A/1P单极	0.125KG/PCS

Main Characteristics 技术参数 电压Voltage:690VAC/700VDC 电流: from 20A to 100A Class类别: gR

size 22x58 have been designed to protect power semiconductors, complying with standard IEC60269-1 and -4. They are extremely high interrupting rating fuses: 690VAC, with large band of ratings (current rating 2A to 63A). Two models are existing: with or without trip-indicator.

22*58mm 系列圆柱型全范围保护快速熔断器主要用于功率电力半导体器件保护, 执行IEC269.4标准, 具有极高的分断能力, 电流范围12A~135A; 具有熔断指示和熔断无指示两种结构形式。

Benefits 特性优点:

International 22x58 mm 尺寸

for worldwide acceptance

Extremely fast acting 快速动作反应

Eliminate all overloads 过载保护

Current limiting 限流特性

Low I^2t for improved semiconductor protection

低 I^2t 值可靠保护半导体器件

Excellent cycling capability 循环使用

gR Class according to VDE 636-23 and IEC 60269-4 执行标准

Applications 主要应用范围:

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

保护小型逆变器、UPS不间断电源、马达驱动、低于700VAC的电源设备。

Approvals 认证:

UL/CSA Recognized Component

IEC 60269-4 Compliance 执行标准

AC: UL Guide No. E76491

RoHS Compliant

Ratings 电压等级范围:

690VAC IEC 60269-4 and 交流电压 Breaking Capacity分断能力160KA

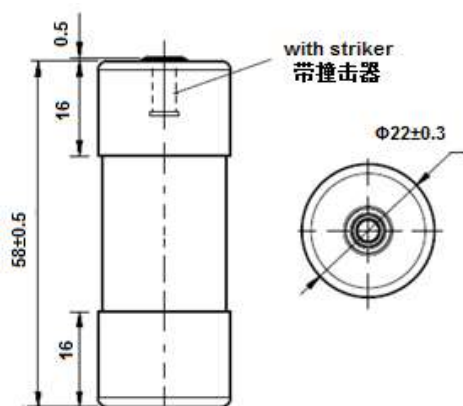
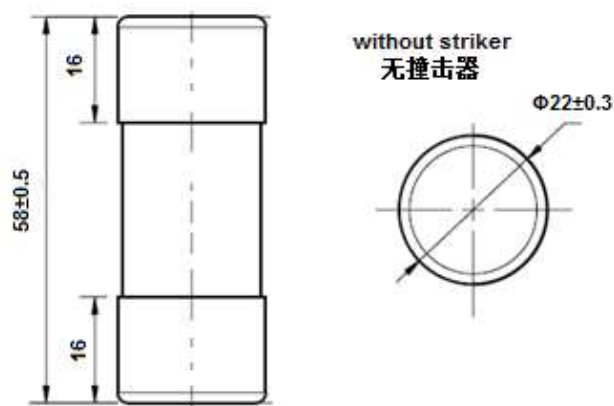
700VAC UL Recognized 交流电压 Breaking Capacity分断能力200KA

700VDC UL Recognized 直流电压 Breaking Capacity分断能力50KA

Related products 配套安装底座

Fuse-holders: KCH22-1P/120A

单级封闭式底座 (35mm卡规)

**Dimensions (mm) 安装尺寸示意图:****Dimensions (mm) 安装尺寸示意图:**

Main Characteristics 技术参数 电压Voltage:690VAC/700VDC 电流: from 20A to 100A Class类别: gR

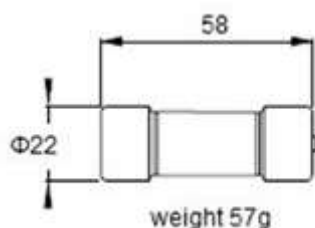
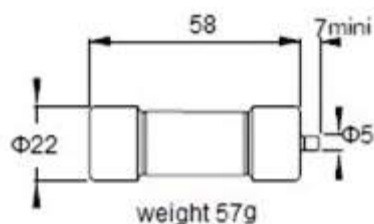
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un 熔断 (A ² S)
$\Phi 22 \times 58$ Without striking 无撞击器	6NC2220	6NC2220-20A/690VACgR50KA $\Phi 22 \times 58$	20A	690VAC	50KA	gR	4.6W	220A ² S
	6NC2225	6NC2225-25A/690VACgR50KA $\Phi 22 \times 58$	25A	690VAC	50KA	gR	5.6W	300A ² S
	6NC2232	6NC2232-32A/690VACgR50KA $\Phi 22 \times 58$	32A	690VAC	50KA	gR	7W	450A ² S
	6NC2240	6NC2240-40A/690VACgR50KA $\Phi 22 \times 58$	40A	690VAC	50KA	gR	8.5W	700A ² S
	6NC2250	6NC2250-50A/690VACgR50KA $\Phi 22 \times 58$	50A	690VAC	50KA	gR	9.5W	1350A ² S
	6NC2263	6NC2263-63A/690VACgR50KA $\Phi 22 \times 58$	63A	690VAC	50KA	gR	11W	2600A ² S
	6NC2280	6NC2280-80A/690VACgR50KA $\Phi 22 \times 58$	80A	690VAC	50KA	gR	13.5W	5500A ² S
	6NC2200	6NC2200-100A/690VACgR50KA $\Phi 22 \times 58$	100A	690VAC	50KA	gR	16W	8000A ² S

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un 熔断 (A ² S)
$\Phi 22 \times 58$ With striking 带撞击器	6NC2220-5	6NC2220-5-20A/690VACgR50KA $\Phi 22 \times 58$	20A	690VAC	50KA	gR	4.6W	240A ² S
	6NC2225-5	6NC2225-5-25A/690VACgR50KA $\Phi 22 \times 58$	25A	690VAC	50KA	gR	5.6W	350A ² S
	6NC2232-5	6NC2232-5-32A/690VACgR50KA $\Phi 22 \times 58$	32A	690VAC	50KA	gR	7W	500A ² S
	6NC2240-5	6NC2240-5-40A/690VACgR50KA $\Phi 22 \times 58$	40A	690VAC	50KA	gR	8.5W	800A ² S
	6NC2250-5	6NC2250-5-50A/690VACgR50KA $\Phi 22 \times 58$	50A	690VAC	50KA	gR	9.5W	1500A ² S
	6NC2263-5	6NC2263-5-63A/690VACgR50KA $\Phi 22 \times 58$	63A	690VAC	50KA	gR	11W	3000A ² S
	6NC2280-5	6NC2280-5-80A/690VACgR50KA $\Phi 22 \times 58$	80A	690VAC	50KA	gR	13.5W	6000A ² S
	6NC2200-5	6NC2200-5-100A/690VACgR50KA $\Phi 22 \times 58$	100A	690VAC	50KA	gR	16W	8500A ² S

Dimensions(mm) 安装示意图:

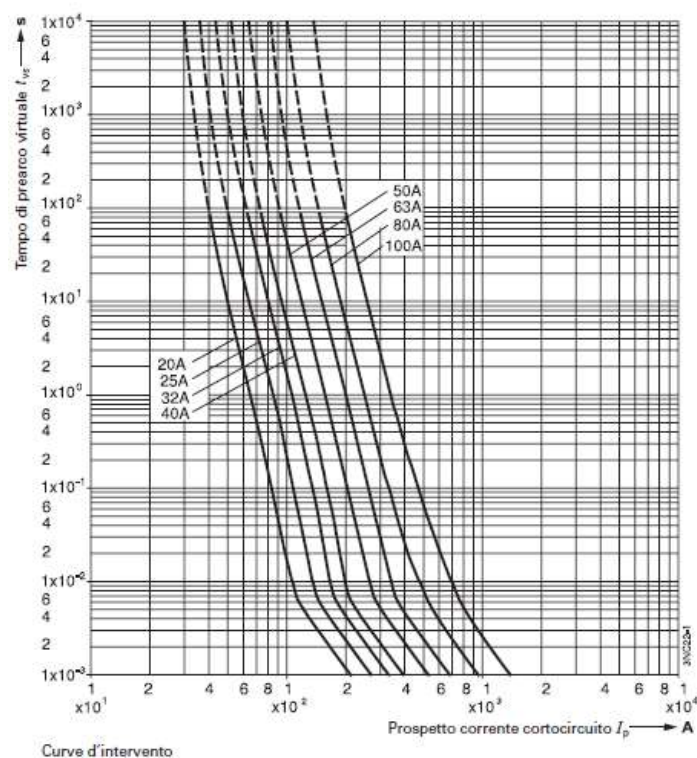
6NC2220~6NC2200

6NC2220-5~6NC2200-5

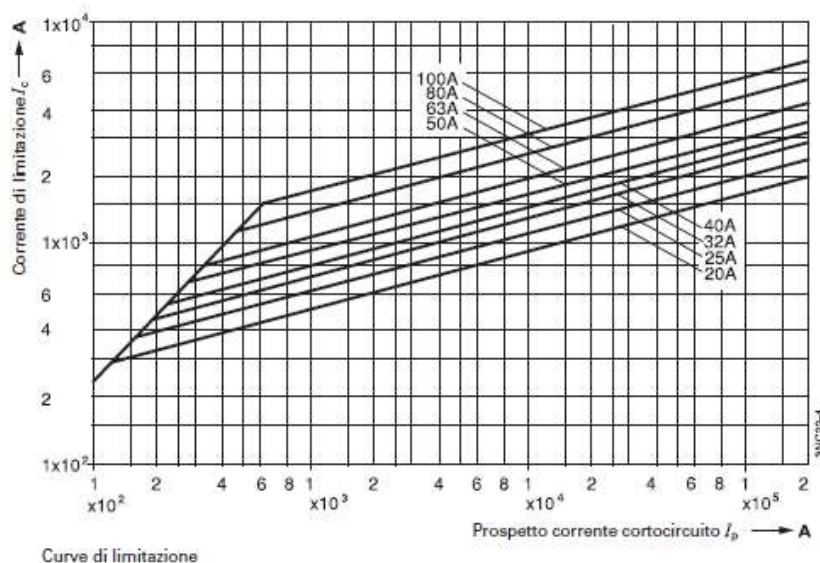
 $\Phi 22 \times 58$ Without striking 无撞击器 $\Phi 22 \times 58$ With striking 带撞击器

Main Characteristics 主要技术参数 电压 Voltage: 690VAC/700VDC 电流: from 20A to 100A Class 类别: gR

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线



CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Fuse Holders, Fuse bases and Supports 圆柱型熔断器底座 KCH22-125A/1P

Cylindrical fuse-holders is finger-safe under IEC standards to an IP20 grade of protection, including fuse changing. Modular fuse-holders are available in 1, 2, 3 poles, with or without visual blown fuse indicator. Plastic shell is made of tough and durable thermoplastic or thermoset material. 圆柱型熔断器底座符合IEC安全标准和IP20保护等级，有单极、双极、三极，具有指示信号和无指示信号两种，外壳由坚固耐用的热塑性塑料或热固性材料制成。

Technical data overview 技术数据:

Voltage AC 电压等级	690VAC
Voltage DC 电压等级	690VDC
Ampere (A) 电流等级	125A
SCCR 开断能力	100kA
Mounting 安装方式	Installation on to DIN rails to EN 60715 导轨安装
Product Size 产品尺寸	For cylindrical fuse links Φ22x58mm
Number of Poles 极数	1 poles 单极

FEATURES & BENEFITS 功能和优点:

- Finger safe 手动操作安全
- Degree of protection: IP20 防护等级
- Optional visual blown fuse indicator 视觉指示
- DIN rail mounting 卡规安装
- Plastic material UL94V2 mini 塑壳材料
- Flame retardant materials with glow wire flammability index to 960°C 阻燃温度
- Vibration tested for marine and railway applications 抗震测试可用于铁路和船舶

APPLICATIONS 应用:

- All circuits up to 690V for protection of motors, transformers, low voltage distribution, control circuits, drive protection
- 电动机、变压器、低压配电、控制电路、驱动保护。
- Non-load operation 不带负荷操作

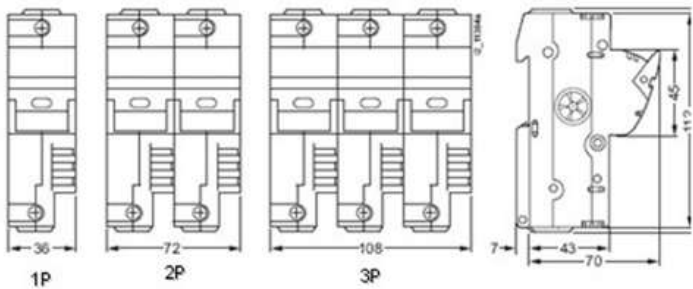
STANDARDS 标准:

- IEC 60269-2 and IEC 60947-3 Compliance
- RoHS Compliant
- Plastic material: NF 16101 & 16102 Requirement 2 Compliant 塑壳材料

Dimensional drawings 安装示意图: 封闭式熔断器底座



Cylindrical fuse holders



Cylindrical fuse holders 圆柱型底座 KCH22-125A/1P

Size 尺寸 mm×mm	U_e (V) AC/DC 电压	Number 订货号	Weight (Kg) 重量
Φ22X58mm	690V~690VAC/DC	KCH22-125A/1P 单极	0.338KG/PCS

Main Characteristics 技术参数 电压Voltage: 800VAC 电流Current: from 8A to 110A Class类别:gR

size 27x60 have been designed to protect power semiconductors, complying with standard IEC60269-1 and -4. They are extremely high interrupting rating fuses: 800VAC, with large band of ratings (current rating 8A to 110A).

Two models are existing: with or without trip-indicator.

27*60mm 系列圆柱型全范围保护快速熔断器主要用于功率电力半导体器件保护, 执行IEC269.4标准, 具有极高的分断能力, 电流范围8A~110A; 具有带指示撞击器和不带指示撞击器两种结构形式。

Benefits 特性优点:

International 27x60 mm 尺寸

for worldwide acceptance

Extremely fast acting 快速动作反应

Eliminate all overloads 过载保护

Current limiting 限流特性

Low I^2t for improved semiconductor protection

低 I^2t 值可靠保护半导体器件

Excellent cycling capability 循环使用

gR Class according to VDE 636-23 and IEC 60269-4 执行标准

Ratings 电压等级范围:

700VAC IEC 60269-4 and 交流电压 Breaking Capacity分断能力 175KA

800VAC UL Recognized 交流电压 Breaking Capacity分断能力90KA

700VDC UL Recognized 直流电压 Breaking Capacity分断能力50KA

Applications主要应用范围:

Protection of small inverters, UPS systems, motor drives and similar 800V or less equipment.

保护小型逆变器、UPS不间断电源、马达驱动、低于800VAC的电源设备。

Approvals 认证:

UL/CSA Recognized Component

IEC 60269-4 Compliance 执行标准

AC: UL Guide No. E76491

RoHS Compliant

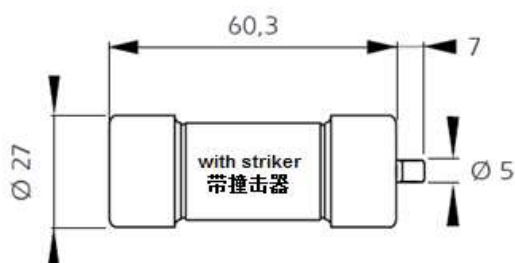
Related products 配套安装底座

Fuse-holders: KCH27-1P/160A

单级封闭式底座 (35mm卡规)



Dimensions (mm) 安装尺寸示意图:

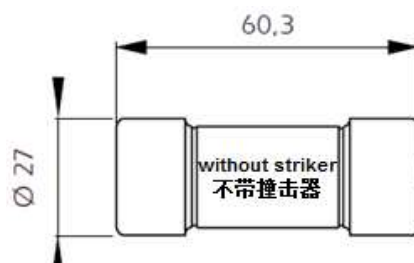


Weight 重量(78g)



KCH27-1P/160A敞开式底座

Dimensions (mm) 安装尺寸示意图:



Weight 重量(78g)

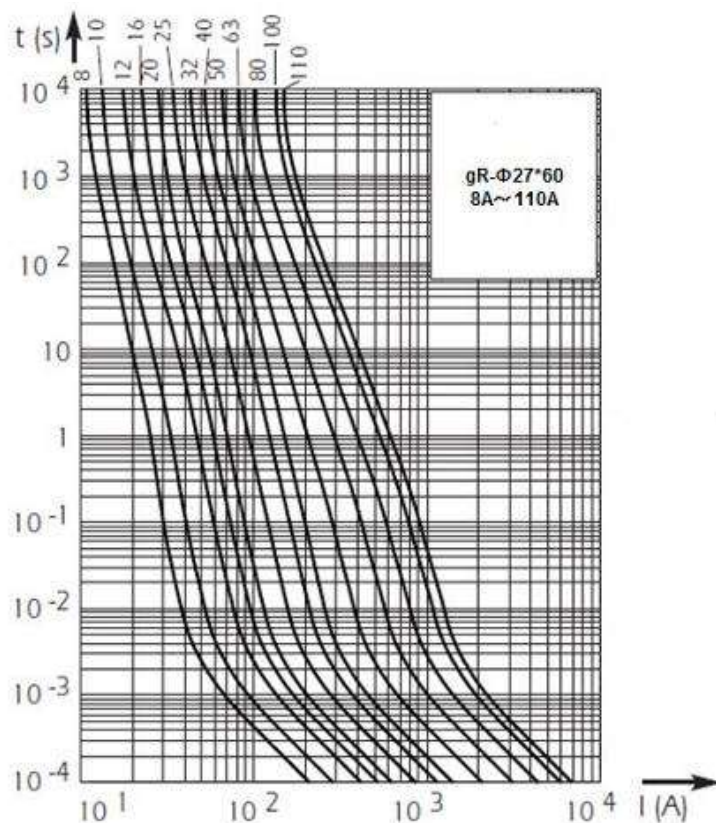
Main Characteristics 技术参数 电压Voltage: 800VAC 电流Current: from 8A to 110A Class类别:gR

Designation 型号规格	Current rating	Voltage rating	Watts loss 功耗		Pre-arcing I ² t (A ² s)	Clearing I ² t @ Rated Voltage	Breaking Capacity
$\Phi 27*60$ with striker 无撞击器	电流 In (A)	电压 Un(v)	0.8In(w)	In(w)	弧前 I ² t (A ² s)	熔断 I ² t (A ² s)	分断能力
6NC2708-8A/800VACgR90KA $\Phi 27*60$	8A	800VAC	1.2W	2.0W	4.25(A ² s)	70(A ² s)	@700V175KA
6NC2710-10A/800VACgR90KA $\Phi 27*60$	10A	800VAC	1.3W	2.3W	8.0 (A ² s)	100 (A ² s)	@700V175KA
6NC2712-12A/800VACgR90KA $\Phi 27*60$	12A	800VAC	1.4W	2.5W	17(A ² s)	180(A ² s)	@700V175KA
6NC2716-16A/800VACgR90KA $\Phi 27*60$	16A	800VAC	1.9W	3.5W	26.5(A ² s)	250(A ² s)	@700V175KA
6NC2720-20A/800VACgR90KA $\Phi 27*60$	20A	800VAC	2.4W	4.0W	385(A ² s)	350(A ² s)	@700V175KA
6NC2725-25A/800VACgR90KA $\Phi 27*60$	25A	800VAC	2.8W	5.0W	73(A ² s)	600(A ² s)	@700V175KA
6NC2732-32A/800VACgR90KA $\Phi 27*60$	32A	800VAC	3.5W	6.0W	130 (A ² s)	1000 (A ² s)	@800V90KA
6NC2740-40A/800VACgR90KA $\Phi 27*60$	40A	800VAC	4.7W	8.0W	195(A ² s)	1400(A ² s)	@800V90KA
6NC2750-50A/800VACgR90KA $\Phi 27*60$	50A	800VAC	4.8W	8.5W	430(A ² s)	2700(A ² s)	@800V90KA
6NC2763-63A/800VACgR90KA $\Phi 27*60$	63A	800VAC	5.6W	10W	965(A ² s)	5500(A ² s)	@800V90KA
6NC2780-80A/800VACgR90KA $\Phi 27*60$	80A	800VAC	6.4W	11.5W	1890(A ² s)	11000(A ² s)	@800V90KA
6NC2700-100A/800VACgR90KA $\Phi 27*60$	100A	800VAC	7.4W	13W	3480(A ² s)	19000(A ² s)	@800V90KA
6NC2701-110A/800VACgR90KA $\Phi 27*60$	110A	800VAC	7.7W	14W	4670(A ² s)	27000(A ² s)	@800V90KA

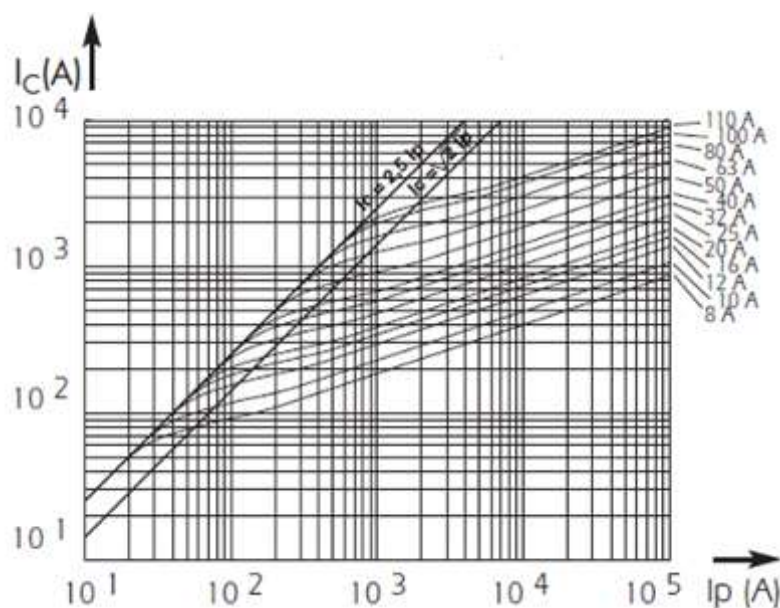
Designation 型号规格	Current rating	Voltage rating	Watts loss 功耗		Pre-arcing I ² t (A ² s)	Clearing I ² t @ Rated Voltage	Breaking Capacity
$\Phi 27*60$ with striker 带撞击器	电流 In (A)	电压 Un(v)	0.8In(w)	In(w)	弧前 I ² t (A ² s)	熔断 I ² t (A ² s)	分断能力
6NC2708-5-8A/800VACgR90KA $\Phi 27*60$	8A	800VAC	1.2W	2.0W	4.25(A ² s)	90(A ² s)	@700V175KA
6NC2710-5-10A/800VACgR90KA $\Phi 27*60$	10A	800VAC	1.3W	2.3W	8.0 (A ² s)	150 (A ² s)	@700V175KA
6NC2712-5-12A/800VACgR90KA $\Phi 27*60$	12A	800VAC	1.4W	2.5W	17(A ² s)	230(A ² s)	@700V175KA
6NC2716-5-16A/800VACgR90KA $\Phi 27*60$	16A	800VAC	1.9W	3.5W	26.5(A ² s)	280(A ² s)	@700V175KA
6NC2720-5-20A/800VACgR90KA $\Phi 27*60$	20A	800VAC	2.4W	4.0W	385(A ² s)	390(A ² s)	@700V175KA
6NC2725-5-25A/800VACgR90KA $\Phi 27*60$	25A	800VAC	2.8W	5.0W	73(A ² s)	630(A ² s)	@700V175KA
6NC2732-5-32A/800VACgR90KA $\Phi 27*60$	32A	800VAC	3.5W	6.0W	130 (A ² s)	1040 (A ² s)	@800V90KA
6NC2740-5-40A/800VACgR90KA $\Phi 27*60$	40A	800VAC	4.7W	8.0W	195(A ² s)	1450(A ² s)	@800V90KA
6NC2750-5-50A/800VACgR90KA $\Phi 27*60$	50A	800VAC	4.8W	8.5W	430(A ² s)	2740(A ² s)	@800V90KA
6NC2763-5-63A/800VACgR90KA $\Phi 27*60$	63A	800VAC	5.6W	10W	965(A ² s)	5540(A ² s)	@800V90KA
6NC2780-5-80A/800VACgR90KA $\Phi 27*60$	80A	800VAC	6.4W	11.5W	1890(A ² s)	11040(A ² s)	@800V90KA
6NC2700-5-100A/800VACgR90KA $\Phi 27*60$	100A	800VAC	7.4W	13W	3480(A ² s)	19030(A ² s)	@800V90KA
6NC2701-5-110A/800VACgR90KA $\Phi 27*60$	110A	800VAC	7.7W	14W	4670(A ² s)	27040(A ² s)	@800V90KA

Main Characteristics 技术参数 电压Voltage: 800VAC 电流Current: from 8A to 110A Class类别:gR

Time current characteristics 时间电流特性曲线图:



CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Fuse Holders, Fuse bases and Supports 圆柱型熔断器底座 KCB27-160A/1P

Cylindrical fuse-holders is finger-safe under IEC standards to an IP20 grade of protection, including fuse changing Modular fuse-holders are available in 1, 2, 3 poles, with or without visual blown fuse indicator. Plastic shell is made of tough and durable thermoplastic or thermoset material. 圆柱型熔断器底座 符合IEC安全标准和IP20保护等级, 有单极、双极、三极, 具有指示信号和无指示信号两种, 外壳由坚固耐用的热塑性塑料或热固性材料制成。

Technical data overview 技术数据:

Voltage AC 电压等级	690VAC
Voltage DC电压等级	690VDC
Ampere (A)电流等级	125A
SCCR 开断能力	100kA
Mounting 安装方式	Installation on to DIN rails to EN 60715 导轨安装
Product Size 产品尺寸	For cylindrical fuse links Φ22x58mm
Number of Poles 极数	1 poles 单极

FEATURES & BENEFITS 功能和优点:

- Finger safe手动操作安全
- Degree of protection: IP20防护等级
- Optional visual blown fuse indicator视觉指示
- Plastic material UL94V2 mini塑壳材料
- Flame retardant materials with glow wire flammability index to 960°C阻燃温度
- Vibration tested for marine and railway applications 抗震测试可用于铁路和船舶

APPLICATIONS 应用:

- All circuits up to 690V for protection of motors, transformers, low voltage distribution, control circuits, drive protection
- 电动机、变压器、低压配电、控制电路、驱动保护。
- Non-load operation 不带负荷操作

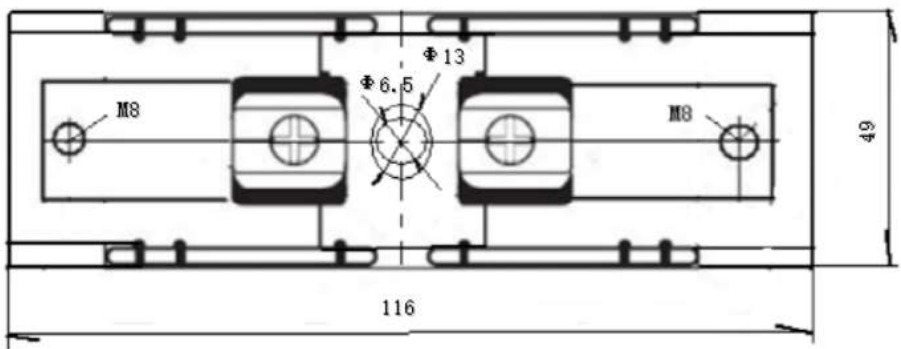
STANDARDS 标准:

- IEC 60269-2 and IEC 60947-3 Compliance
- RoHS Compliant
- Plastic material: NF 16101 & 16102 Requirement 2 Compliant 塑壳材料

Dimensional drawings 安装示意图: 封闭式熔断器底座



Cylindrical fuse holders
KCB27-160A/1P



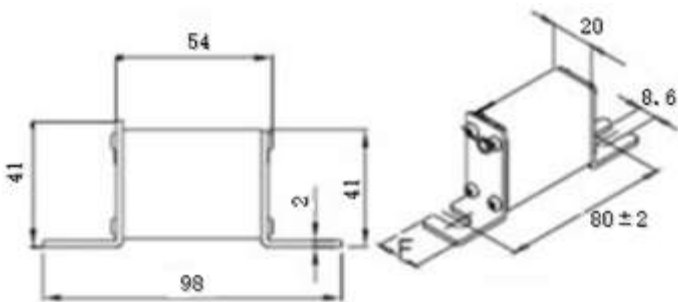
Cylindrical fuse holders KCB27-160A 熔断器底座

Size尺寸mm×mm	U _e (V)AC/VDC 电压	Number订货号	Weight(Kg)重量
Φ27X60mm	690V~690VAC/DC	KCB27-160A/1P单极	0.41KG/PCS

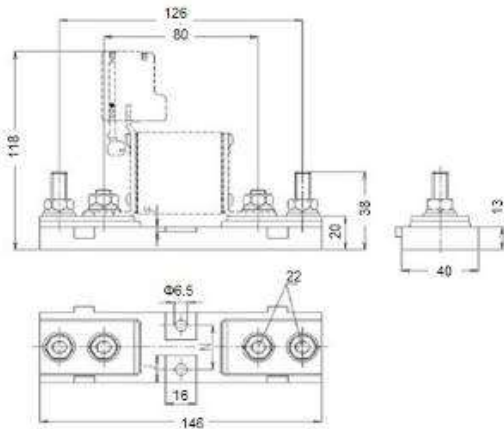
Main Characteristics 主要技术参数 电压 Voltage:690V~700VAC 电流: from 20A to 315A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功 耗 In(W)	I ² t @Un (A ² S) 熔断	Weight 重量 (Kg)
000Z/80	6NE8714-1	6NE8714-1-20A/690VAC000/80gR	20A	690VAC	110KA	gR	7W	83A ² S	0.132Kg
	6NE8715-1	6NE8715-1-25A/690VAC000/80aR	25A	690VAC	110KA	aR	9W	140A ² S	0.132Kg
	6NE8701-1	6NE8701-1-32A/690VAC000/80aR	32A	690VAC	110KA	aR	10W	285A ² S	0.132Kg
	6NE8702-1	6NE8702-1-40A/690VAC000/80aR	40A	690VAC	110KA	aR	12W	490A ² S	0.132Kg
	6NE8717-1	6NE8717-1-50A/690VAC000/80aR	50A	690VAC	110KA	aR	15W	815A ² S	0.132Kg
	6NE8718-1	6NE8718-1-63A/690VAC000/80aR	63A	690VAC	110KA	aR	16W	1550A ² S	0.132Kg
	6NE8720-1	6NE8720-1-80A/690VAC000/80aR	80A	690VAC	110KA	aR	18W	2700A ² S	0.132Kg
	6NE8721-1	6NE8721-1-100A/690VAC000/80aR	100A	690VAC	110KA	aR	19W	4950A ² S	0.132Kg
	6NE8722-1	6NE8722-1-125A/690VAC000/80aR	125A	690VAC	110KA	aR	23W	9100A ² S	0.132Kg
	6NE8724-1	6NE8724-1-160A/690VAC000/80aR	160A	690VAC	110KA	aR	31W	17000A ² S	0.132Kg
	6NE8725-1	6NE8725-1-200A/690VAC000/80aR	200A	690VAC	110KA	aR	36W	30000A ² S	0.132Kg
	6NE8727-1	6NE8727-1-250A/690VAC000/80aR	250A	690VAC	110KA	aR	42W	55000A ² S	0.132Kg
	6NE8731-1	6NE8731-1-315A/690VAC000/80aR	315A	690VAC	110KA	aR	54W	85500A ² S	0.132Kg

Dimensions(mm)安装示意图:

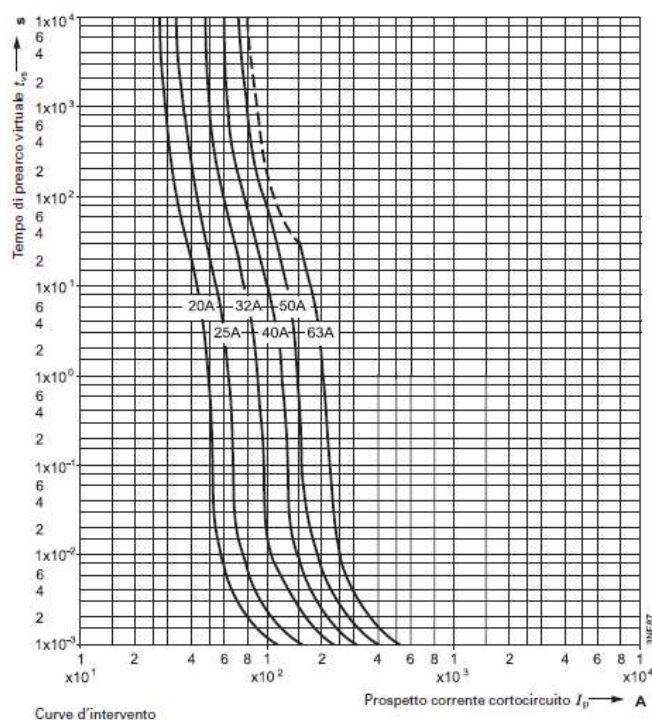


Fuse holder Dimensions熔断器底座(mm): FBZ00- Fuse holder

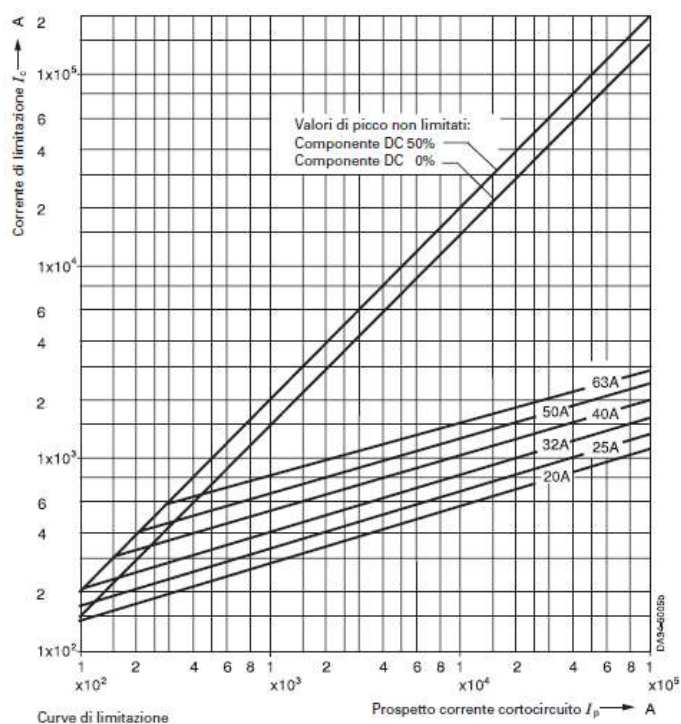


Main Characteristics 主要技术参数 电压 Voltage: 690V~700VAC 电流: from 20A to 315A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:

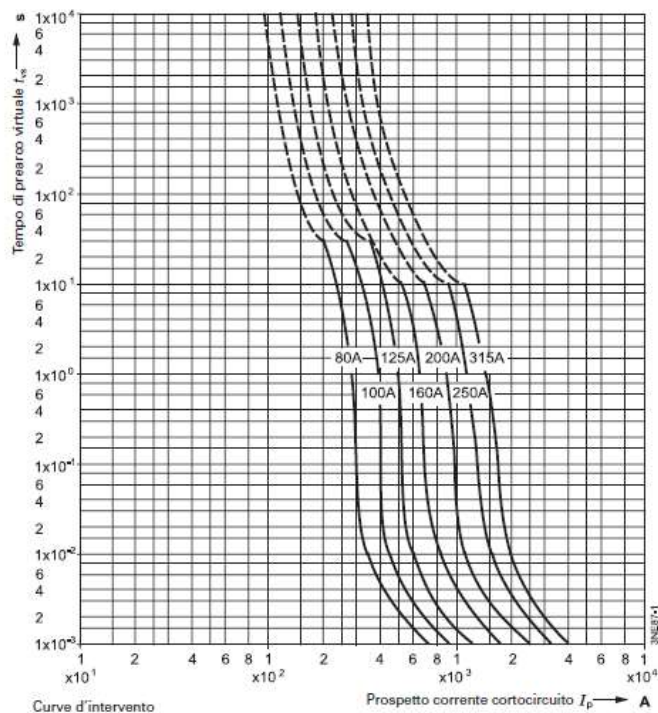


CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:

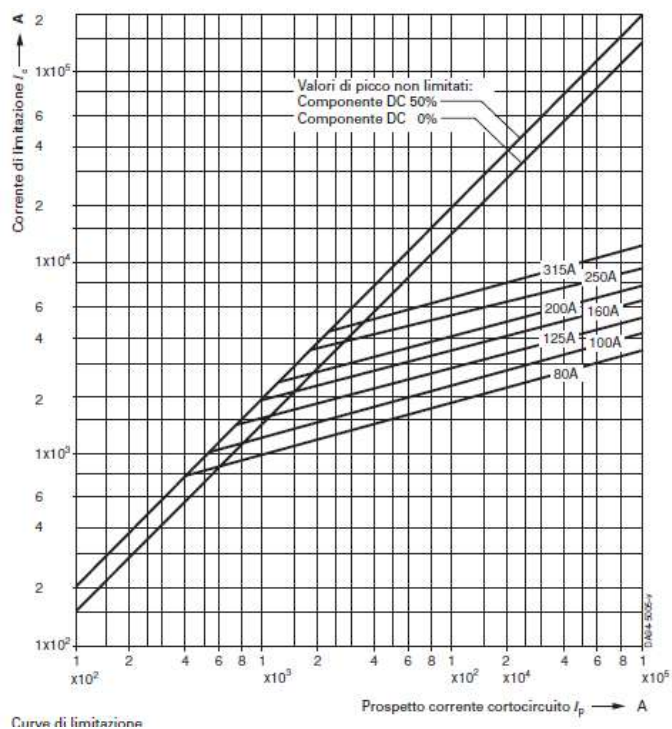


Main Characteristics 主要技术参数 电压 Voltage: 690V~700VAC 电流: from 20A to 315A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



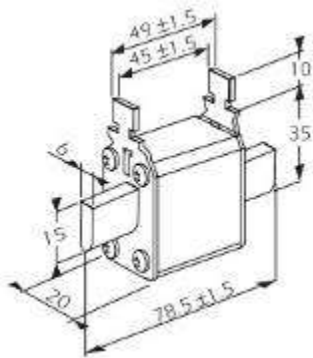
CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



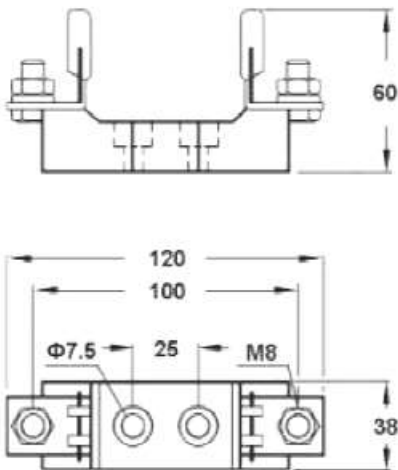
Main Characteristics 主要技术参数 电压 Voltage:690V~700VAC 电流: from 16A to 80A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功 耗 In(W)	I ² t @Un (A ² S) 熔断	Weight 重量 (Kg)
DIN000- 80	6NE1813-0	6NE1813-0-16A/690VACDIN000gS	16A	690VAC	110KA	gS	3W	200A ² S	0.128Kg
	6NE1814-0	6NE1814-0-20A/690VACDIN000gS	20A	690VAC	110KA	gS	3.5W	430A ² S	0.128Kg
	6NE1815-0	6NE1815-0-25A/690VACDIN000gS	25A	690VAC	110KA	gS	4W	780A ² S	0.128Kg
	6NE1803-0	6NE1803-0-35A/690VACDIN000gS	35A	690VAC	110KA	gS	5W	1700A ² S	0.128Kg
	6NE1802-0	6NE1802-0-40A/690VACDIN000gS	40A	690VAC	110KA	gS	5W	3000A ² S	0.128Kg
	6NE1817-0	6NE1817-0-50A/690VACDIN000gS	50A	690VAC	110KA	gS	6W	4400A ² S	0.128Kg
	6NE1818-0	6NE1818-0-63A/690VACDIN000gS	63A	690VAC	110KA	gS	7W	9000A ² S	0.128Kg
	6NE1820-0	6NE1820-0-80A/690VACDIN000gS	80A	690VAC	110KA	gS	8W	18000A ² S	0.128Kg

Dimensions(mm)安装示意图:

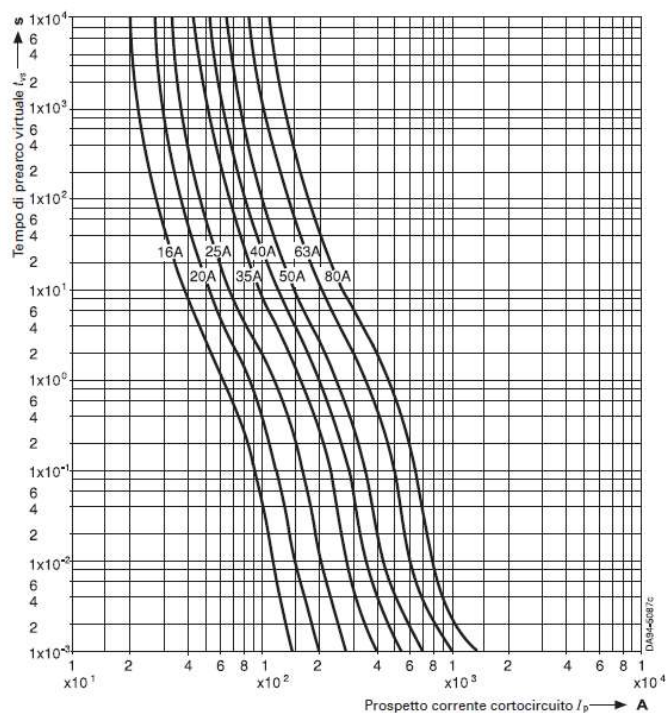


Fuse holder Dimensions熔断器底座(mm): KBZ00- Fuse holder

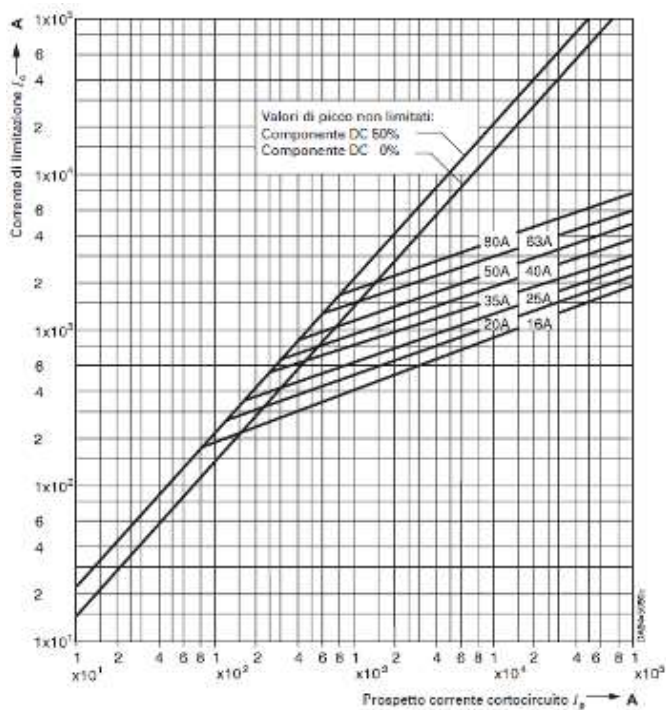


Main Characteristics 主要技术参数 电压 Voltage: 690V~700VAC 电流: from 16A to 80A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:

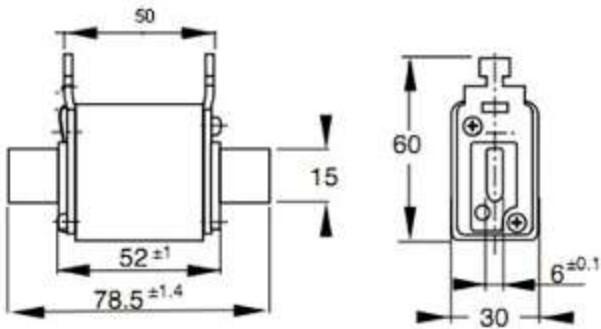


Main Characteristics 主要技术参数 电压 Voltage:690V~700VAC 电流: from 100A to 315A

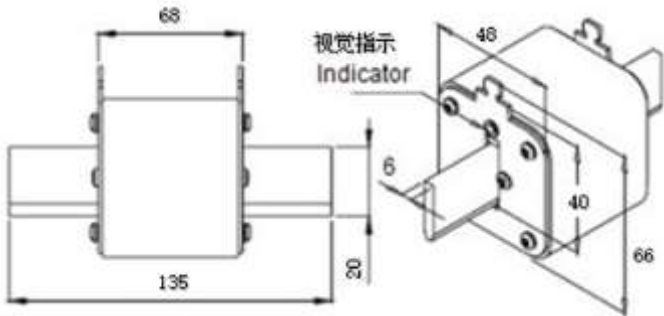
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功 耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
DIN00-80	6NE1021-0	6NE1021-0-100A/690VACDIN00gS	100A	690VAC	110KA	gS	10W	33KA²S	0.2Kg
	6NE1022-0	6NE1022-0-125A/690VACDIN00gS	125A	690VAC	110KA	gS	11W	63KA²S	0.2Kg
DIN1-135	6NE1224-0	6NE1224-0-160A/690VACDIN1gS	160A	690VAC	110KA	gS	24W	60KA²S	0.58Kg
	6NE1225-0	6NE1225-0-200A/690VACDIN1gS	200A	690VAC	110KA	gS	27W	100KA²S	0.58Kg
	6NE1227-0	6NE1227-0-250A/690VACDIN1gS	250A	690VAC	110KA	gS	30W	200KA²S	0.58Kg
	6NE1230-0	6NE1230-0-315A/690VACDIN1gS	315A	690VAC	110KA	gS	38W	310KA²S	0.58Kg

Dimensions(mm)安装示意图:

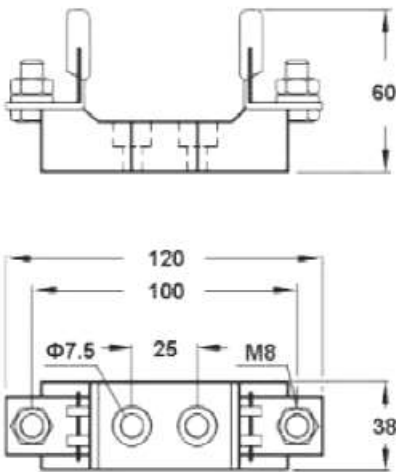
6NE1021-0、 6NE1022-0



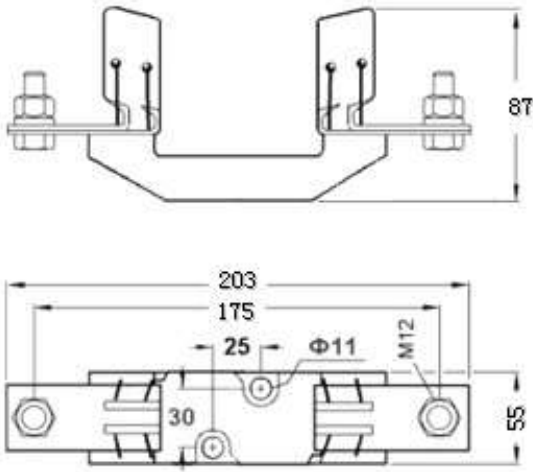
6NE1224-0、 6NE1225-0、 6NE1227-0、 6NE1230-0



Fuse holder Dimensions熔断器底座(mm):



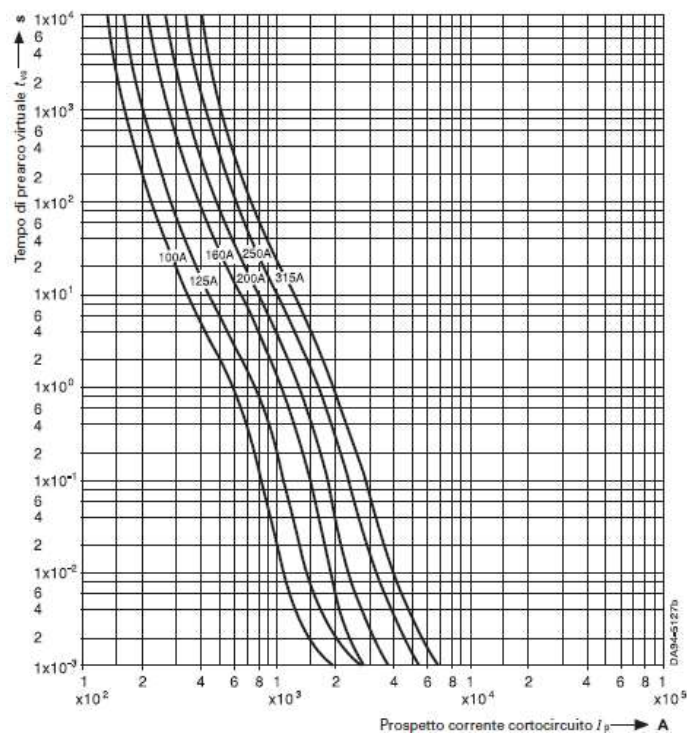
KBZ00底座



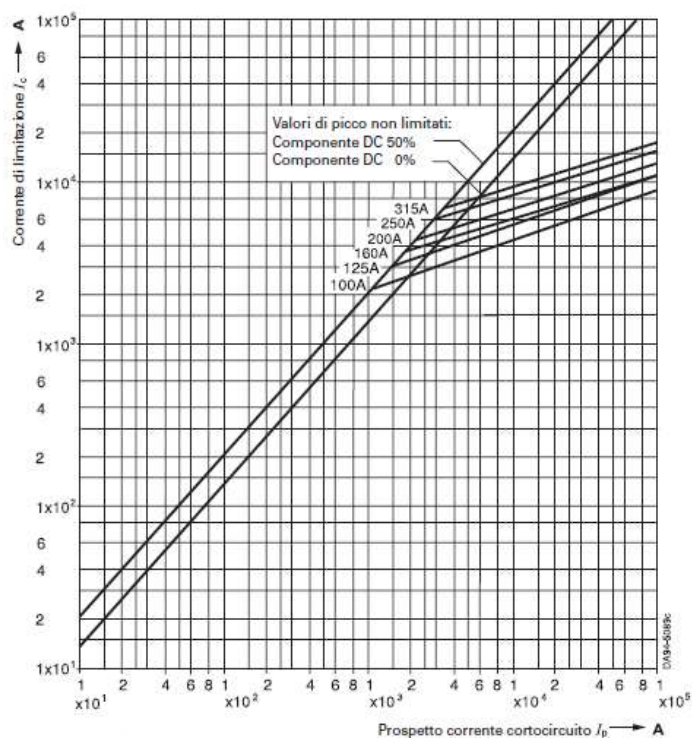
KBZ1底座

Main Characteristics 主要技术参数 电压 Voltage: 690V~700VAC 电流: from 100A to 315A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



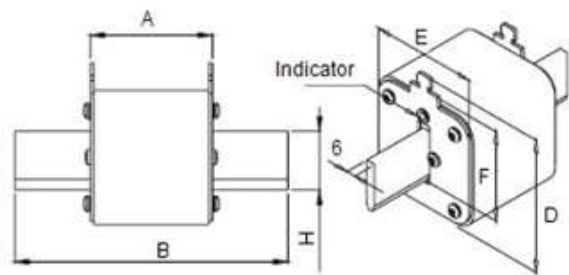
CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Main Characteristics 主要技术参数 电压 Voltage:690V~700VAC 电流: from 350A to 800A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功 耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
DIN2-150	6NE1331-0	6NE1331-0-350A/690VACDIN2gS	350A	690VAC	110KA	gS	42W	430KA²S	0.76Kg
	6NE1332-0	6NE1332-0-400A/690VACDIN2gS	400A	690VAC	110KA	gS	45W	590KA²S	0.76Kg
	6NE1333-0	6NE1333-0-450A/690VACDIN2gS	450A	690VAC	110KA	gS	53W	750KA²S	0.76Kg
	6NE1334-0	6NE1334-0-500A/690VACDIN2gS	500A	690VAC	110KA	gS	56W	950KA²S	0.76Kg
DIN3-150	6NE1435-0	6NE1435-0-560A/690VACDIN3gS	560A	690VAC	110KA	gS	50W	1700KA²S	1.1Kg
	6NE1436-0	6NE1436-0-630A/690VACDIN3gS	630A	690VAC	110KA	gS	55W	2350KA²S	1.1Kg
	6NE1437-0	6NE1437-0-710A/690VACDIN3gS	710A	690VAC	110KA	gS	60W	3400KA²S	1.1Kg
	6NE1438-0	6NE1438-0-800A/690VACDIN3gS	800A	690VAC	110KA	gS	59W	5000KA²S	1.1Kg

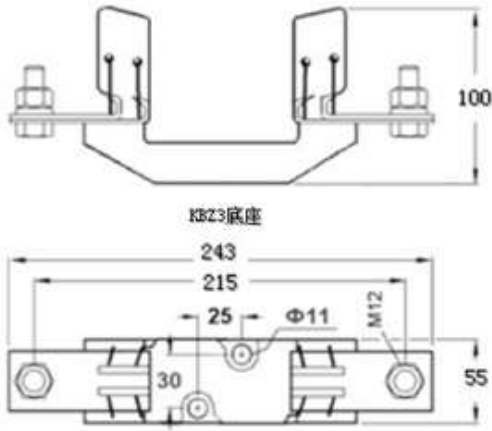
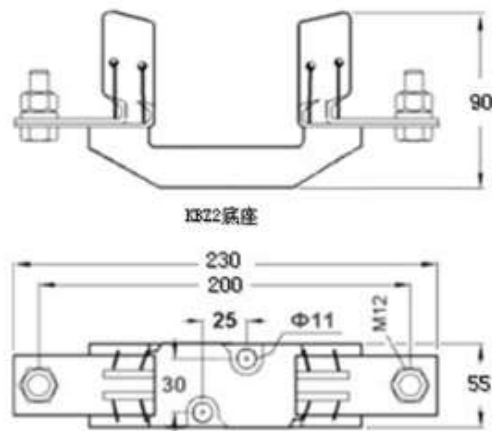
Dimensions(mm)安装示意图:



Fuse holder Dimensions熔断器底座

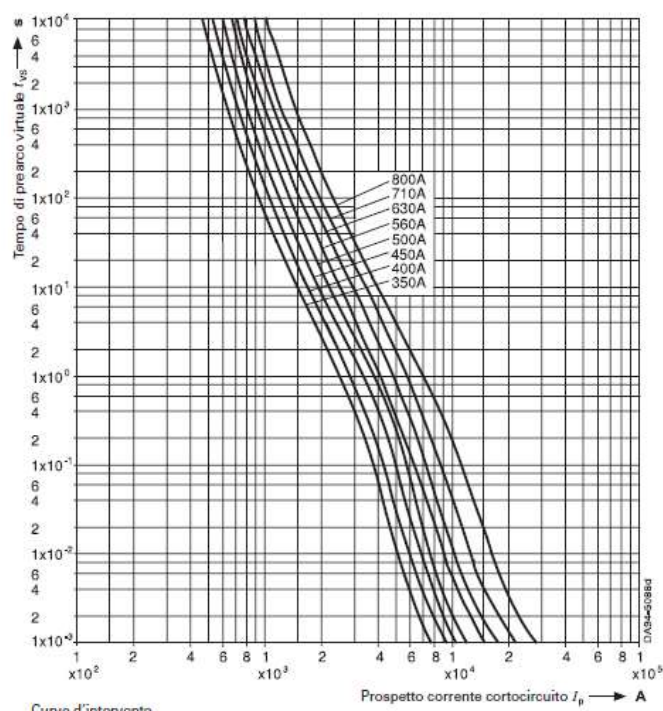
Type: DIN2、DIN3 尺寸示意图						
size	A	B	D	E	F	H
DIN2-150	68	150	74	58	48	25
DIN3-150	68	150	86	68	60	32

Fuse holder Dimensions熔断器底座(mm):

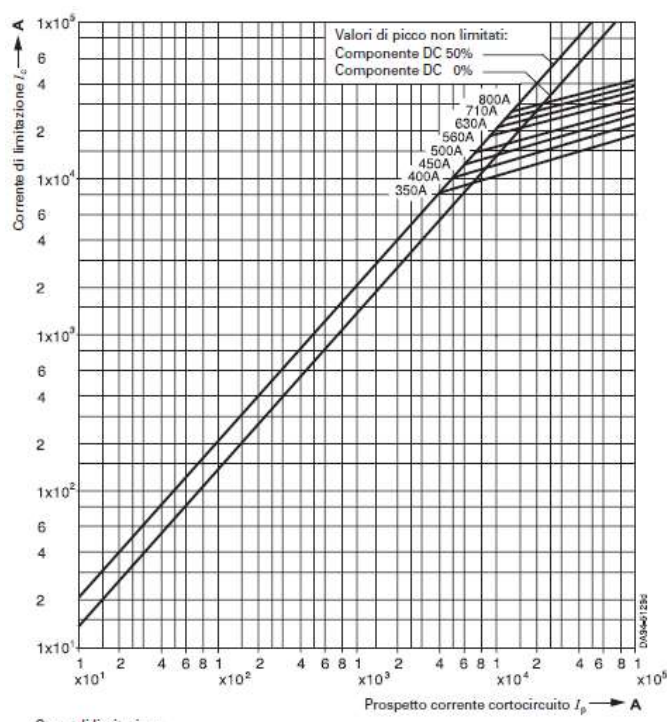


Main Characteristics 主要技术参数 电压 Voltage: 690V~700VAC 电流: from 350A to 800A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



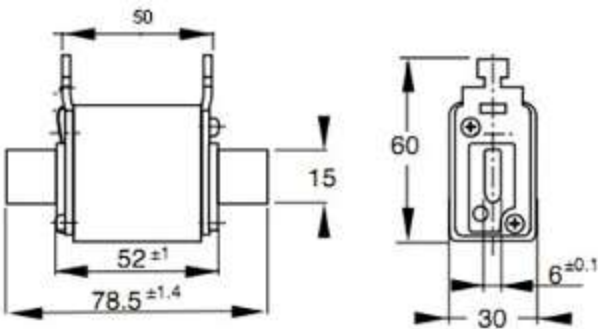
CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



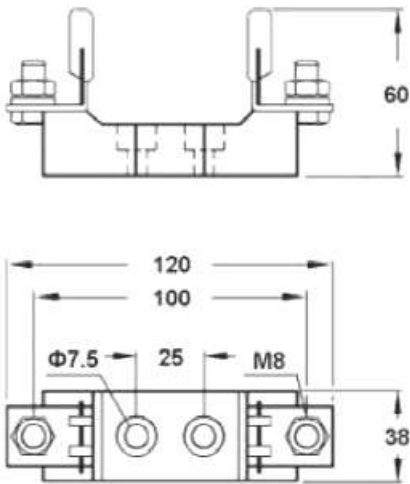
Main Characteristics 主要技术参数 电压 Voltage:690V~700VAC 电流: from 80A to 500A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功 耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
DIN00-80	6NE1020-2	6NE1020-2-80A/690VACDIN00gR	80A	690VAC	110KA	gR	10.5W	5.8KA²S	0.2Kg
	6NE1021-2	6NE1021-2-100A/690VACDIN00gR	100A	690VAC	110KA	gR	11.5W	11KA²S	0.2Kg
	6NE1022-2	6NE1022-2-125A/690VACDIN00gR	125A	690VAC	110KA	gR	13.5W	23KA²S	0.2Kg
DIN1-135	6NE1224-2	6NE1224-2-160A/690VACDIN1gR	160A	690VAC	110KA	gR	30W	18.6KA²S	0.61Kg
	6NE1225-2	6NE1225-2-200A/690VACDIN1gR	200A	690VAC	110KA	gR	28W	51.8KA²S	0.61Kg
	6NE1227-2	6NE1227-2-250A/690VACDIN1gR	250A	690VAC	110KA	gR	35W	80.9KA²S	0.61Kg
	6NE1230-2	6NE1230-2-315A/690VACDIN1gR	315A	690VAC	110KA	gR	42W	168KA²S	0.61Kg
DIN2-150	6NE1331-2	6NE1331-2-350A/690VACDIN2gR	350A	690VAC	110KA	gR	44W	177KA²S	0.76Kg
	6NE1333-2	6NE1333-2-450A/690VACDIN2gR	450A	690VAC	110KA	gR	62W	276KA²S	0.76Kg
	6NE1334-2	6NE1334-2-500A/690VACDIN2gR	500A	690VAC	110KA	gR	65W	398KA²S	0.76Kg

Dimensions(mm)安装示意图:(DIN00-80)



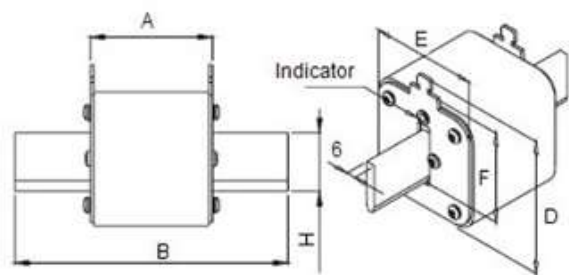
Fuse holder Dimensions熔断器底座(mm): KBZ00底座



KBZ00底座

Main Characteristics 主要技术参数 电压 Voltage:690V~700VAC 电流: from 80A to 500A

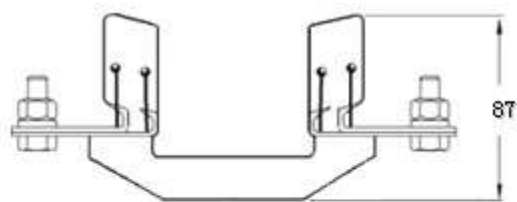
Dimensions(mm)安装示意图:(DIN1-135、 DIN2-150)



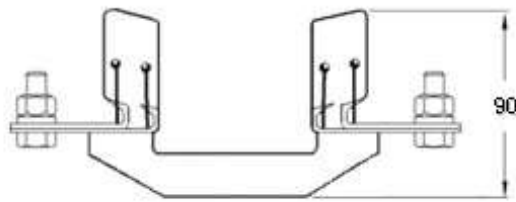
Fuse holder Dimensions熔断器底座

Type: DIN0、DIN1、DIN2、DIN3 尺寸示意图						
size	A	B	D	E	F	H
DIN1-135	68	135	66	48	40	20
DIN2-150	68	150	74	58	48	25

Fuse holder Dimensions熔断器底座(mm):



KBZ1底座

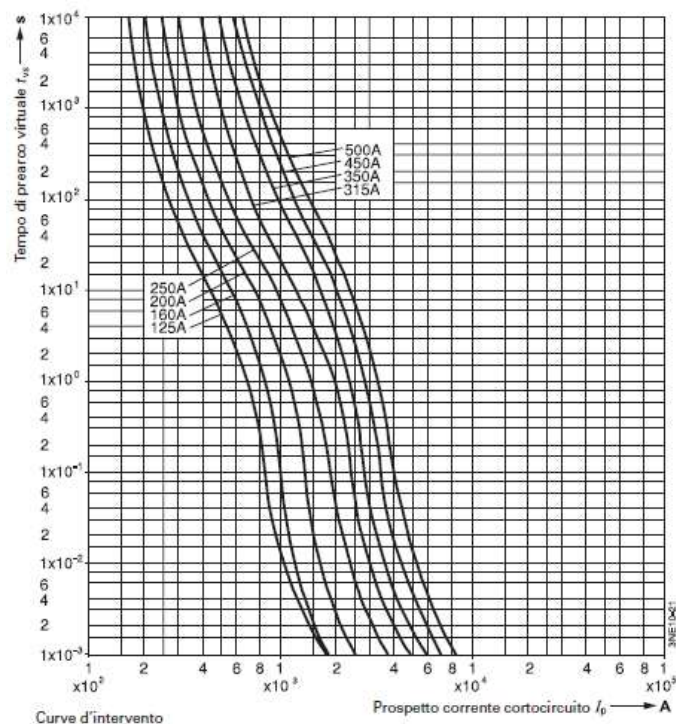


KBZ2底座

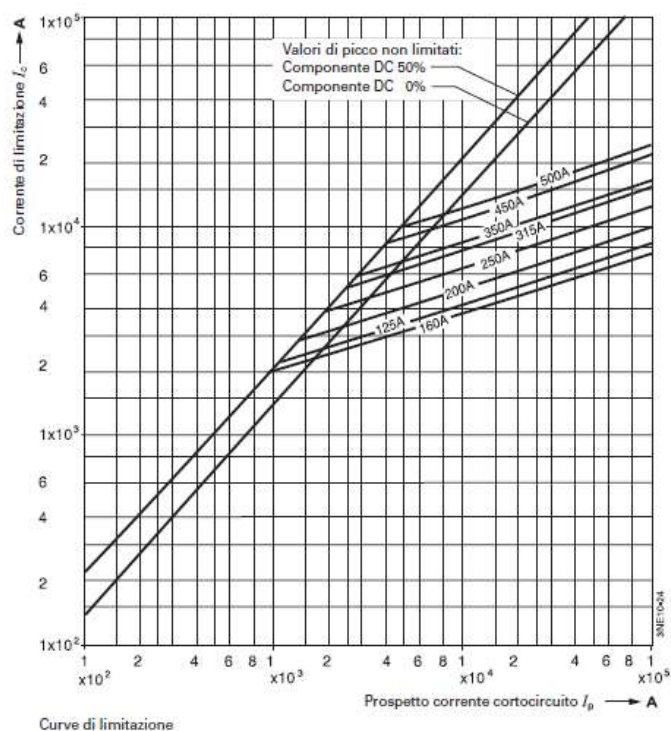


Main Characteristics 主要技术参数 电压 Voltage: 690V~700VAC 电流: from 80A to 500A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



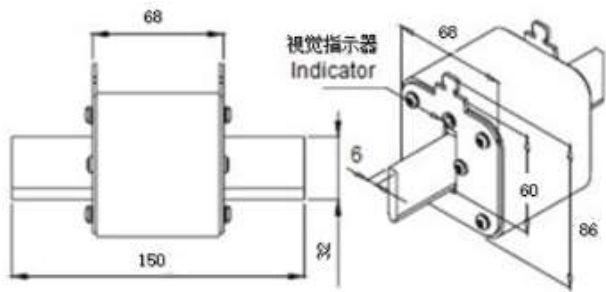
CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Main Characteristics 主要技术参数 电压 Voltage:690V~700VAC 电流: from 560A to 850A

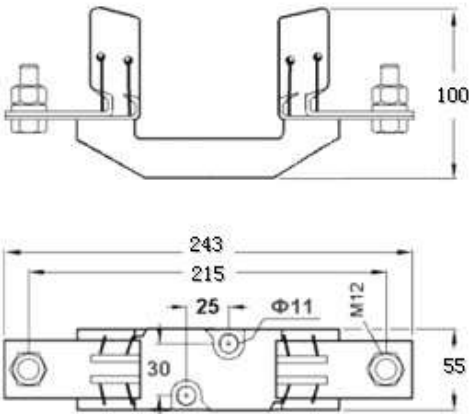
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功 耗 In(W)	I ² t @Un (KA ² S) 熔断	Weight 重量 (Kg)
DIN3-150	6NE1435-2	6NE1435-2-560A/690VACDIN3gR	560A	690VAC	110KA	gR	60W	890KA ² S	1.16Kg
	6NE1436-2	6NE1436-2-630A/690VACDIN3gR	630A	690VAC	110KA	gR	62W	1390KA ² S	1.16Kg
	6NE1447-2	6NE1447-2-670A/690VACDIN3gR	670A	690VAC	110KA	gR	65W	1640KA ² S	1.16Kg
	6NE1437-2	6NE1437-2-710A/690VACDIN3gR	710A	690VAC	110KA	gR	72W	1818KA ² S	1.16Kg
	6NE1438-2	6NE1438-2-800A/690VACDIN3gR	800A	690VAC	110KA	gR	82W	2475KA ² S	1.16Kg
	6NE1448-2	6NE1448-2-850A/690VACDIN3gR	850A	690VAC	110KA	gR	76W	3640KA ² S	1.16Kg

Dimensions(mm)安装示意图:(DIN3)



Fuse holder Dimensions熔断器底座

Fuse holder Dimensions熔断器底座(mm): KBZ3

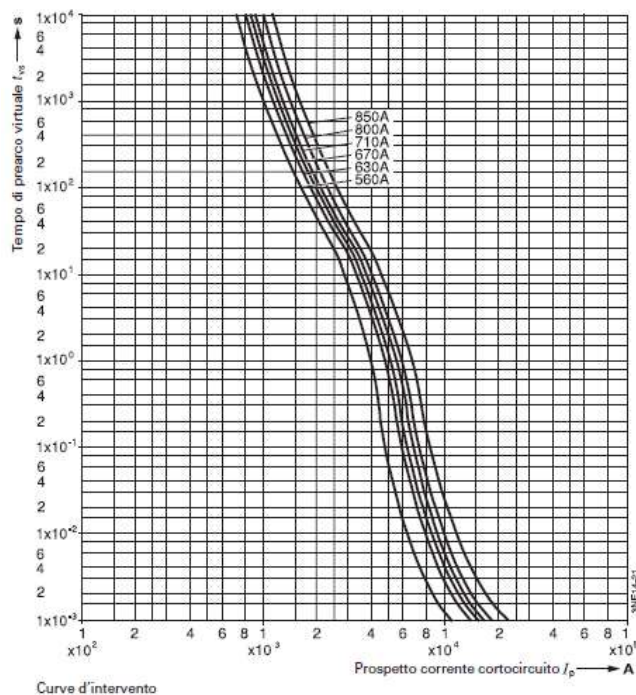


KBZ3底座安装示意图

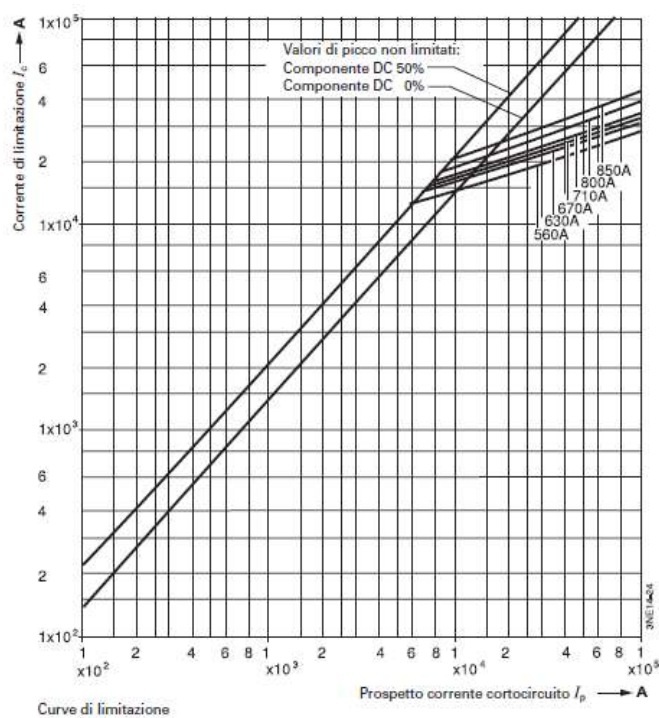


Main Characteristics 主要技术参数 电压 Voltage: 690V~700VAC 电流: from 560A to 850A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



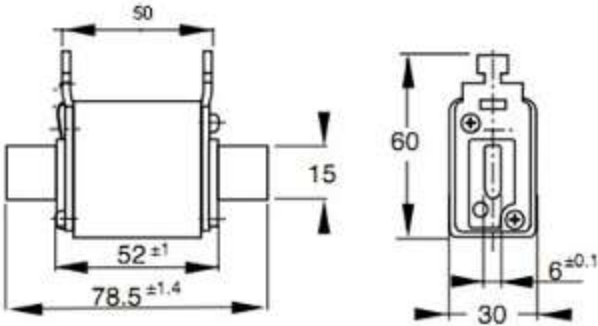
CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



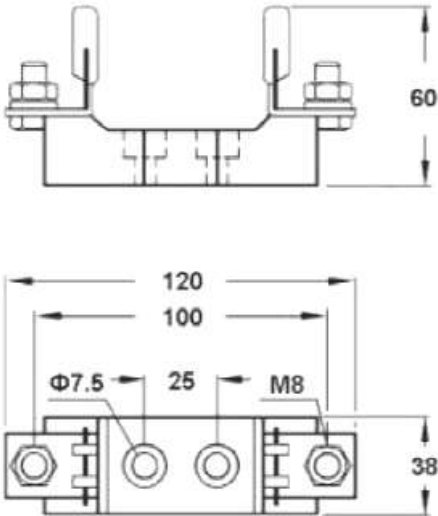
Main Characteristics 主要技术参数 电压 Voltage:690V~700VAC 电流: from 25A to 160A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功 耗 In(W)	I ² t @Un (KA ² S) 熔断	Weight 重量 (Kg)
DIN00-80	6NE8015-1	6NE8015-1-25A/690VACDIN00gR	25A	690VAC	110KA	gR	7W	0.18KA ² S	0.21Kg
	6NE8003-1	6NE8003-1-35A/690VACDIN00gR	35A	690VAC	110KA	gR	9W	0.4KA ² S	0.21Kg
	6NE8017-1	6NE8017-1-50A/690VACDIN00gR	50A	690VAC	110KA	gR	14W	0.7KA ² S	0.21Kg
	6NE8018-1	6NE8018-1-63A/690VACDIN00gR	63A	690VAC	110KA	gR	16W	1.4KA ² S	0.21Kg
	6NE8020-1	6NE8020-1-80A/690VACDIN00aR	80A	690VAC	110KA	aR	19W	2.4KA ² S	0.21Kg
	6NE8021-1	6NE8021-1-100A/690VACDIN00aR	100A	690VAC	110KA	aR	22W	4.2KA ² S	0.21Kg
	6NE8022-1	6NE8022-1-125A/690VACDIN00aR	125A	690VAC	110KA	aR	28W	6.5KA ² S	0.21Kg
	6NE8024-1	6NE8024-1-160A/690VACDIN00aR	160A	690VAC	110KA	aR	38W	13KA ² S	0.21Kg

Dimensions(mm)安装示意图:(DIN00)



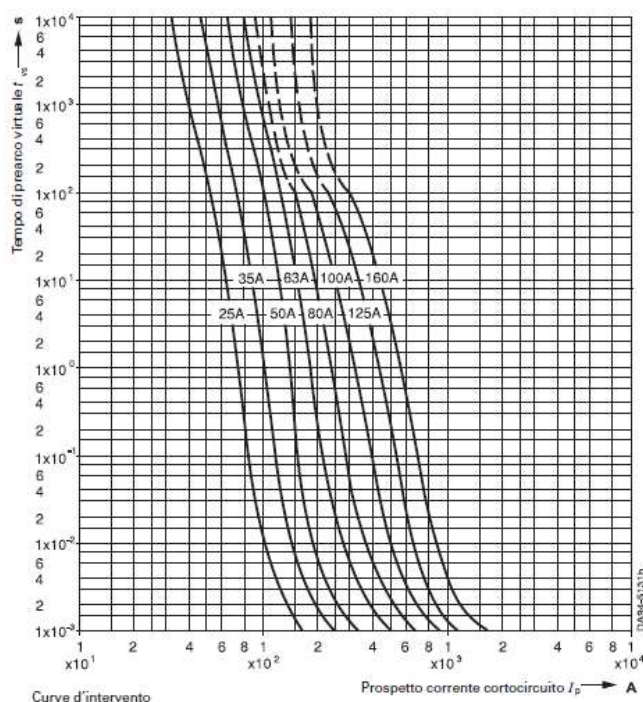
Fuse holder Dimensions熔断器底座(mm): KBZ00底座



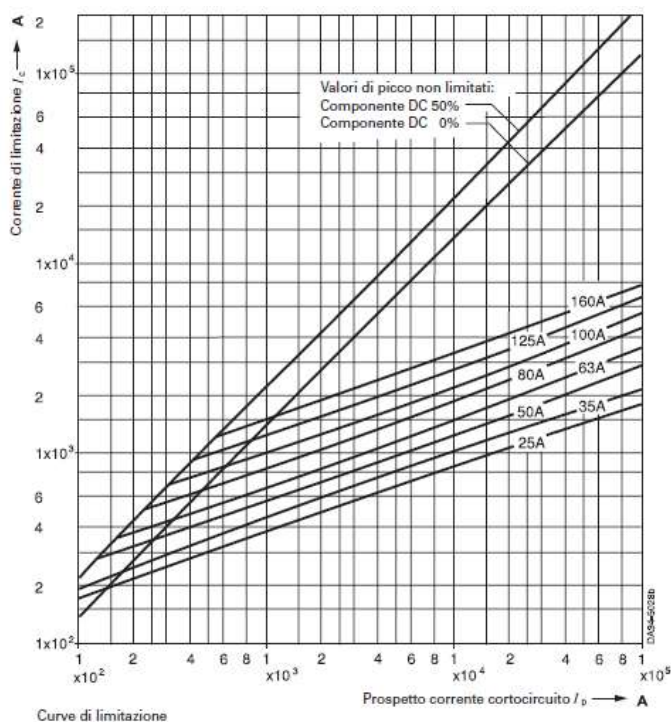
KBZ00底座

Main Characteristics主要技术参数 电压Voltage:690V~700VAC 电流: from 25A to 160A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



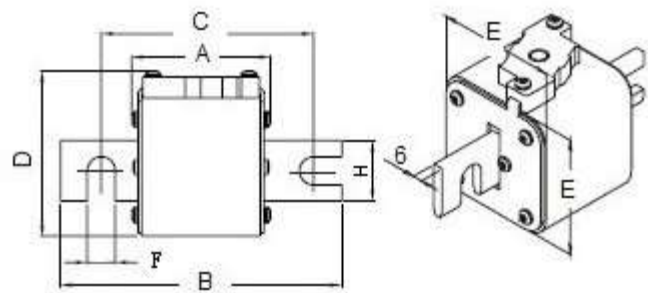
CUT-OFF CURRENT CHARACTERISTIC限流特性曲线:



Main Characteristics主要技术参数 电压Voltage:690V~700VAC 电流: from 630A to 1600A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功 耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
3KN/80 (M12)	6NE3236-1	6NE3236-1-630A/690VAC3KN/80aR	630A	690VAC	110KA	aR	120W	244KA²S	0.79Kg
	6NE3237-1	6NE3237-1-710A/690VAC3KN/80aR	710A	690VAC	110KA	aR	130W	346KA²S	0.79Kg
	6NE3238-1	6NE3238-1-800A/690VAC3KN/80aR	800A	690VAC	110KA	aR	135W	498KA²S	0.79Kg
	6NE3240-1	6NE3240-1-900A/690VAC3KN/80aR	900A	690VAC	110KA	aR	145W	677KA²S	0.79Kg
	6NE3241-1	6NE3241-1-1000A/690VAC3KN/80aR	1000A	690VAC	110KA	aR	155W	975KA²S	0.79Kg
	6NE3242-1	6NE3242-1-1100A/690VAC3KN/80aR	1100A	690VAC	110KA	aR	165W	1382KA²S	0.79Kg
	6NE3243-1	6NE3243-1-1250A/690VAC3KN/80aR	1250A	690VAC	110KA	aR	175W	1990KA²S	0.79Kg
	6NE3244-1	6NE3244-1-1400A/500VAC3KN/80aR	1400A	500VAC	110KA	aR	200W	2100KA²S	0.79Kg
	6NE3245-1	6NE3245-1-1600A/500VAC3KN/80aR	1600A	500VAC	110KA	aR	240W	2860KA²S	0.79Kg

Dimensions(mm)安装示意图:(3KN/80)



Dimensions (mm)

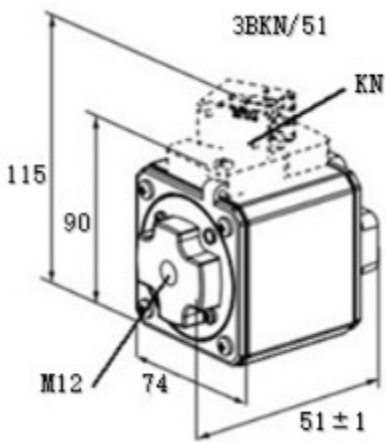
size	A	B	C	D1	E	H	F
3KN/80	54	110	80±2	90	74	40	13



Main Characteristics主要技术参数 电压Voltage:690V~700VAC 电流: from 630A to 1600A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功 耗 In(W)	I ² t @Un (KA ² S) 熔断	Weight 重量 (Kg)
3BKN/51 (M12)	6NE3236-6	6NE3236-6-630A/690VAC3BKN/51aR	630A	690VAC	110KA	aR	125W	244KA ² S	0.76Kg
	6NE3237-6	6NE3237-6-710A/690VAC3BKN/51aR	710A	690VAC	110KA	aR	130W	346KA ² S	0.76Kg
	6NE3238-6	6NE3238-6-800A/690VAC3BKN/51aR	800A	690VAC	110KA	aR	135W	498KA ² S	0.76Kg
	6NE3240-6	6NE3240-6-900A/690VAC3BKN/51aR	900A	690VAC	110KA	aR	140W	677KA ² S	0.76Kg
	6NE3241-6	6NE3241-6-1000A/690VAC3BKN/51aR	1000A	690VAC	110KA	aR	145W	975KA ² S	0.76Kg
	6NE3242-6	6NE3242-6-1100A/690VAC3BKN/51aR	1100A	690VAC	110KA	aR	150W	1382KA ² S	0.76Kg
	6NE3243-6	6NE3243-6-1250A/690VAC3BKN/51aR	1250A	690VAC	110KA	aR	155W	1990KA ² S	0.76Kg
	6NE3244-6	6NE3244-6-1400A/500VAC3BKN/51aR	1400A	500VAC	110KA	aR	175W	2100KA ² S	0.76Kg
	6NE3245-6	6NE3245-6-1600A/500VAC3BKN/51aR	1600A	500VAC	110KA	aR	195W	2860KA ² S	0.76Kg

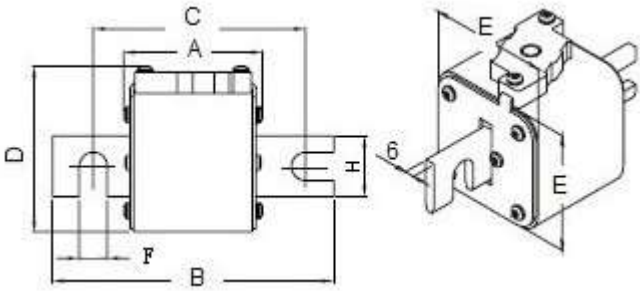
Dimensions(mm)安装示意图:(3BKN/51)



Main Characteristics主要技术参数 电压Voltage:800VAC 电流: from 250A to 710A Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功 耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
2KN/110 (M10)	6NE4327-0B	6NE4327-0B-250A/800VAC2KN/110aR	250A	800VAC	110KA	aR	105W	29.7KA²S	0.76Kg
	6NE4330-0B	6NE4330-0B-315A/800VAC2KN/110aR	315A	800VAC	110KA	aR	120W	60.7KA²S	0.76Kg
	6NE4333-0B	6NE4333-0B-450A/800VAC2KN/110aR	450A	800VAC	110KA	aR	140W	191KA²S	0.76Kg
	6NE4334-0B	6NE4334-0B-500A/800VAC2KN/110aR	500A	800VAC	110KA	aR	155W	276KA²S	0.76Kg
	6NE4337	6NE4337-710A/800VAC2KN/110aR	710A	800VAC	110KA	aR	155W	923KA²S	0.76Kg

Dimensions(mm)安装示意图:(2KN/110)



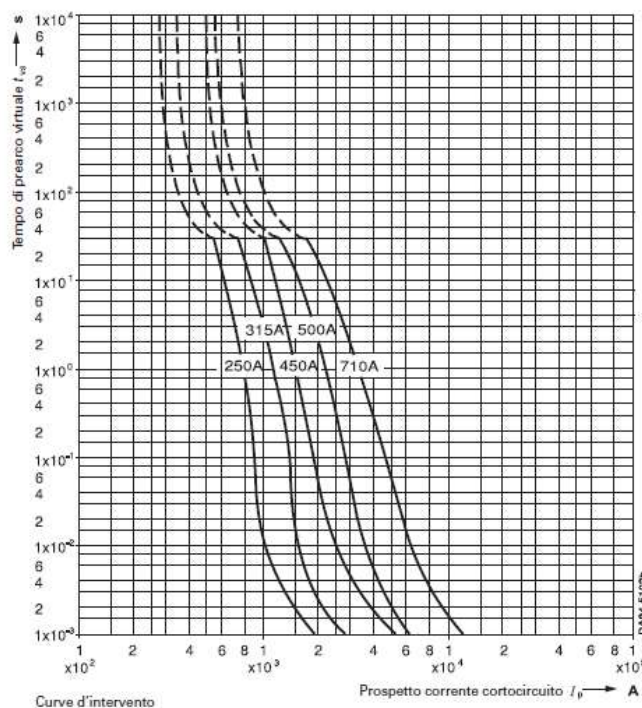
Dimensions (mm)

size	A	B	C	D1	E	H	F
2KN/110	70	135	110±2	75	60	25	11

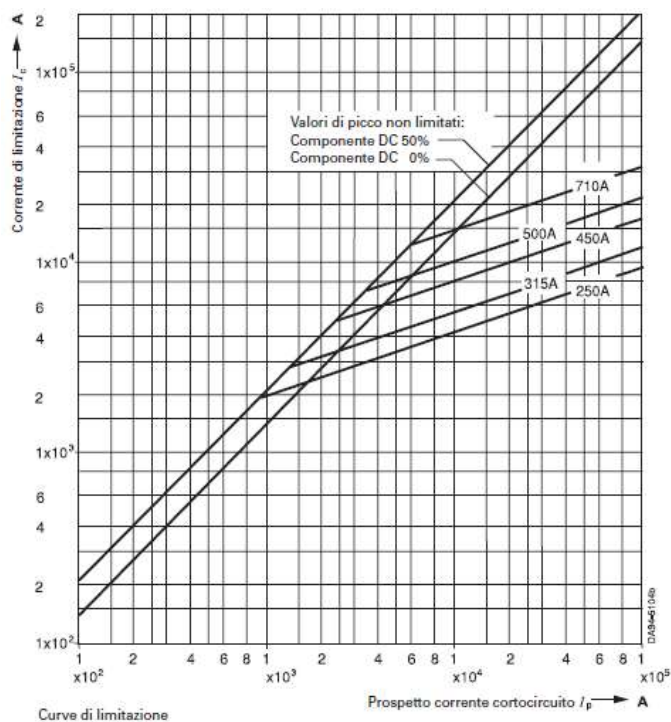


Main Characteristics 主要技术参数 电压 Voltage: 800VAC 电流: from 250A to 710A Class: aR

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



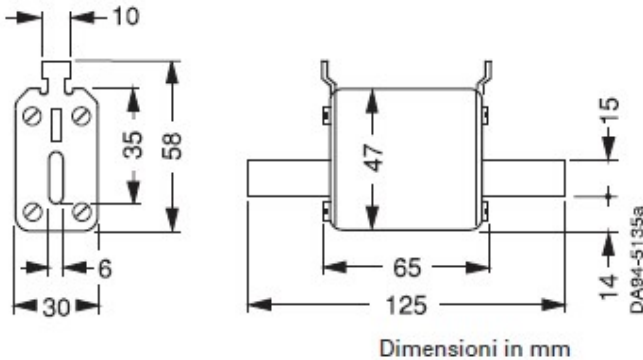
CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



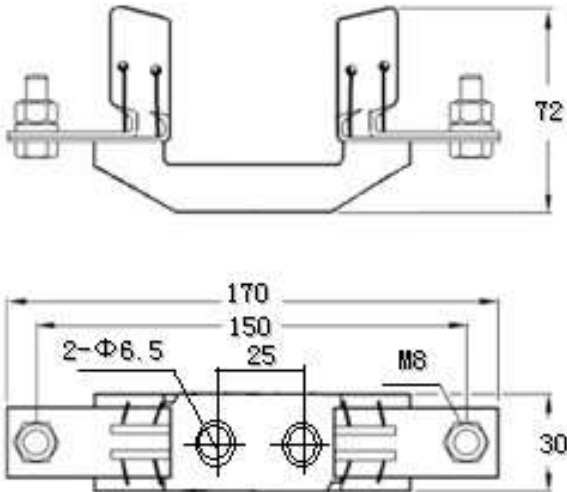
Main Characteristics主要技术参数 电压 Voltage:1000VAC 电流: from 32A to 160A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功 耗 In(W)	I ² t @Un (KA ² S) 熔断	Weight 重量 (Kg)
DIN0-125	6NE4101	6NE4101-32A/1000VACDIN0-gR	32A	1000VAC	110KA	gR	12W	0.28KA ² S	0.23Kg
	6NE4102	6NE4102-40A/1000VACDIN0-gR	40A	1000VAC	110KA	gR	13W	0.5KA ² S	0.23Kg
	6NE4117	6NE4117-50A/1000VACDIN0-gR	50A	1000VAC	110KA	gR	16W	0.8KA ² S	0.23Kg
	6NE4118	6NE4118-63A/1000VACDIN0-aR	63A	1000VAC	110KA	aR	20W	1.5KA ² S	0.23Kg
	6NE4120	6NE4120-80A/1000VACDIN0-aR	80A	1000VAC	110KA	aR	22W	3.0KA ² S	0.23Kg
	6NE4121	6NE4121-100A/1000VACDIN0-aR	100A	1000VAC	110KA	aR	24W	6.0KA ² S	0.23Kg
	6NE4122	6NE4122-125A/1000VACDIN0-aR	125A	1000VAC	110KA	aR	30W	14.0KA ² S	0.23Kg
	6NE4124	6NE4124-160A/1000VACDIN0-aR	160A	1000VAC	110KA	aR	35W	29.0KA ² S	0.23Kg

Dimensions(mm)安装示意图:(DIN0-125)



Fuse holder Dimensions熔断器底座(mm): KBZ0底座



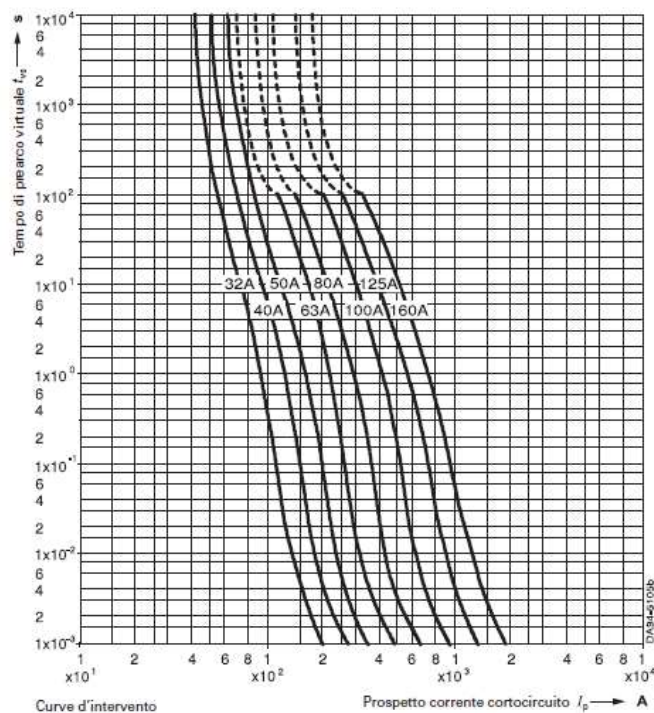
KBZ0底座安装示意图



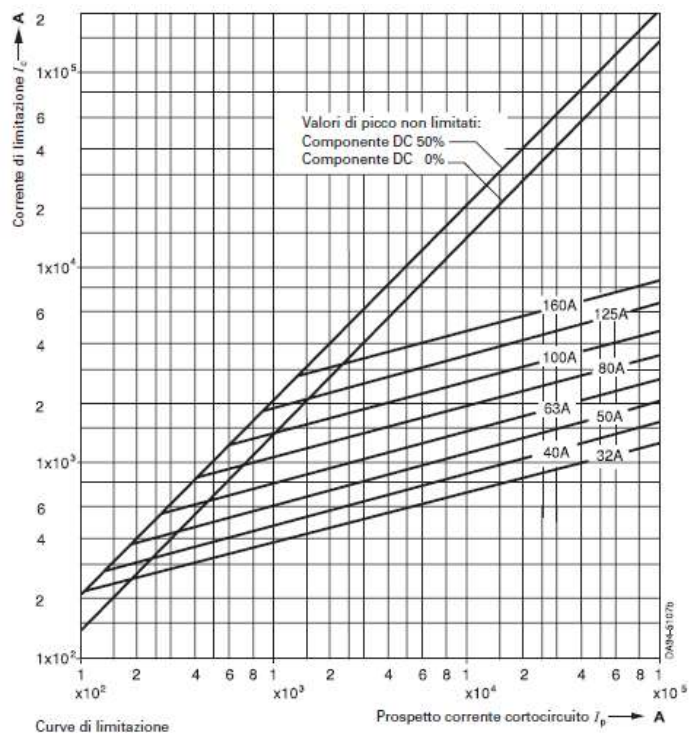
KBZ0底座

Main Characteristics 主要技术参数 电压 Voltage: 1000VAC 电流: from 32A to 160A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



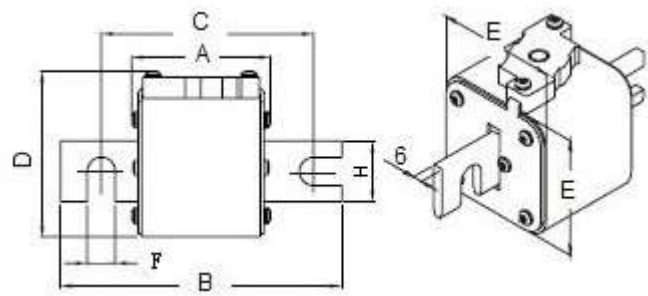
CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Main Characteristics主要技术参数 电压Voltage:1000VAC电流: from 100A to 450A Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
1KN/110 (M10)	6NE3221	6NE3221-100A/1000VAC1KN/110aR	100A	1000VAC	110KA	gR	28W	4.8KA²S	0.6Kg
	6NE3222	6NE3222-125A/1000VAC1KN/110aR	125A	1000VAC	110KA	gR	36W	7.2KA²S	0.6Kg
	6NE3224	6NE3224-160A/1000VAC1KN/110aR	160A	1000VAC	110KA	gR	42W	13KA²S	0.6Kg
	6NE3225	6NE3225-200A/1000VAC1KN/110aR	200A	1000VAC	110KA	aR	42W	30KA²S	0.6Kg
	6NE3227	6NE3227-250A/1000VAC1KN/110aR	250A	1000VAC	110KA	aR	50W	48KA²S	0.6Kg
	6NE3230-0B	6NE3230-0B-315A/1000VAC1KN/110aR	315A	1000VAC	110KA	aR	65W	80KA²S	0.6Kg
	6NE3231	6NE3231-350A/1000VAC1KN/110aR	350A	1000VAC	110KA	aR	75W	100KA²S	0.6Kg
	6NE3232-0B	6NE3232-0B-400A/1000VAC1KN/110aR	400A	1000VAC	110KA	aR	85W	135KA²S	0.6Kg
	6NE3233	6NE3233-450A/1000VAC1KN/110aR	450A	1000VAC	110KA	aR	95W	175KA²S	0.6Kg

Dimensions(mm)安装示意图:(1KN/110)



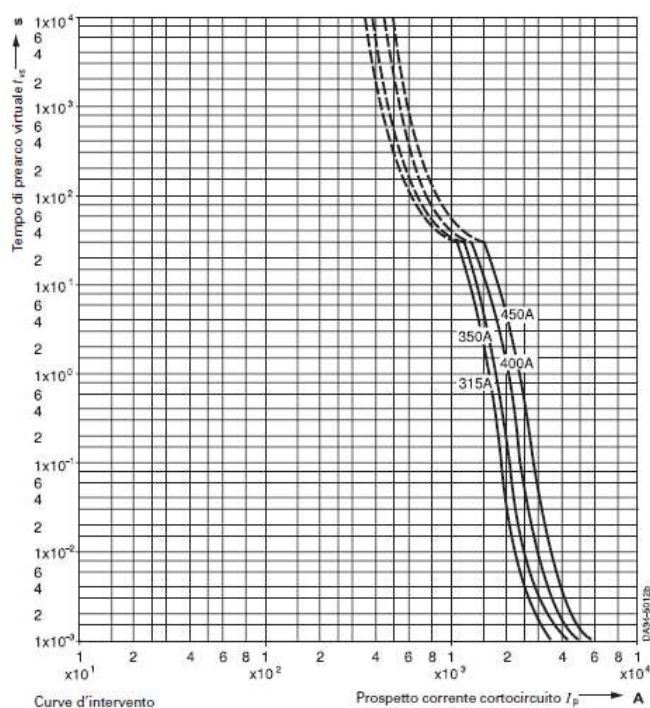
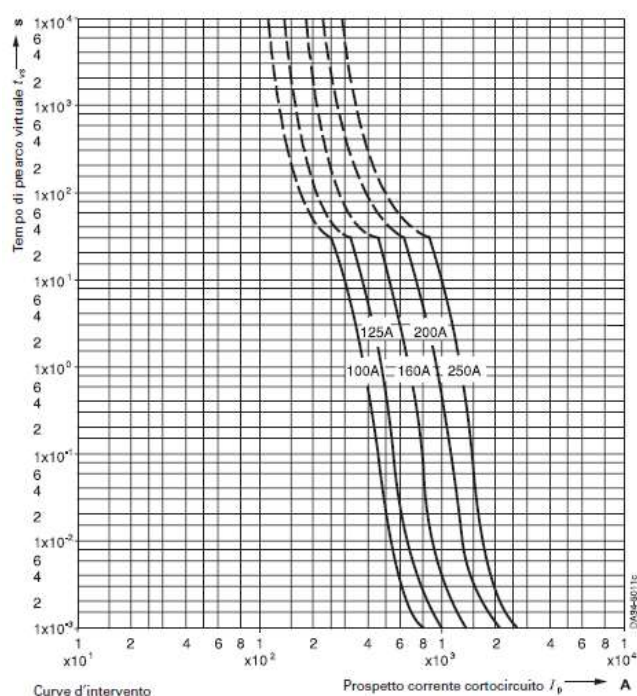
Dimensions (mm)

size	A	B	C	D1	E	H	F
1KN/110	70	135	110±2	66	51	25	11



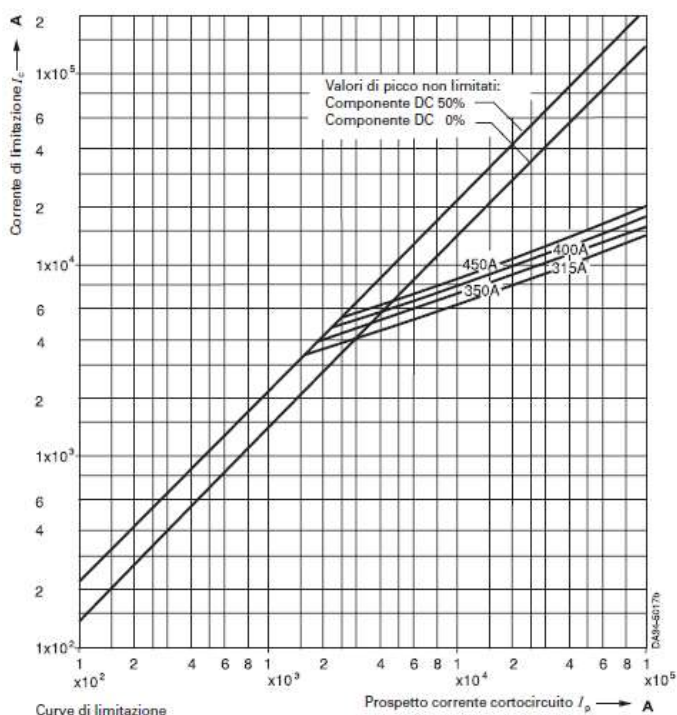
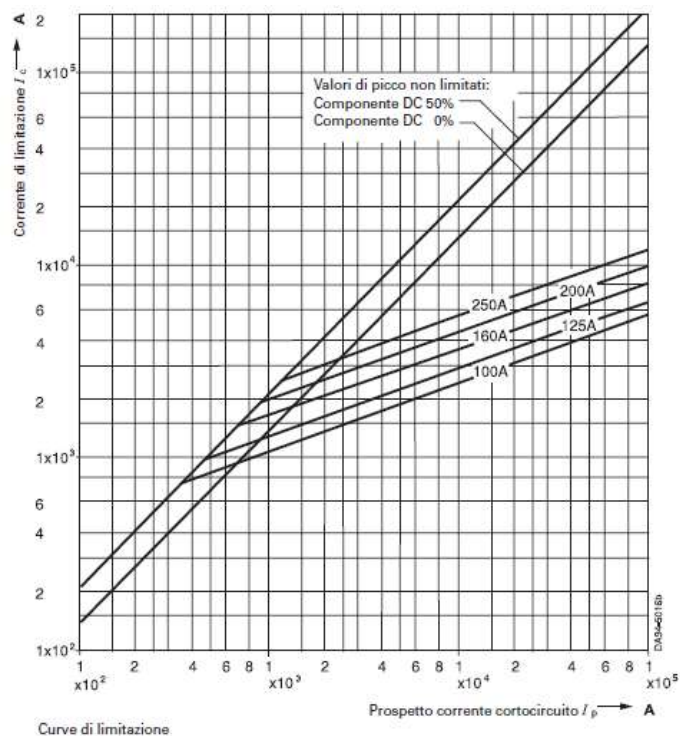
Main Characteristics 主要技术参数 电压 Voltage: 1000VAC 电流: from 100A to 450A Class: aR

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



Main Characteristics 主要技术参数 电压 Voltage: 1000VAC 电流: from 100A to 450A Class: aR

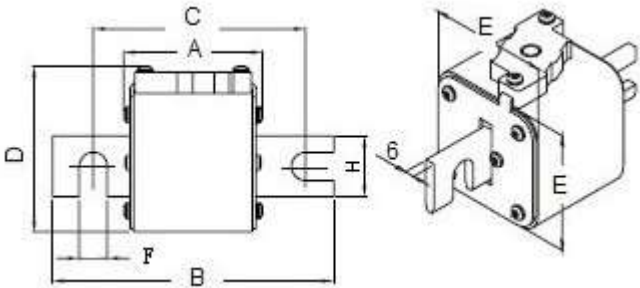
CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Main Characteristics主要技术参数电压Voltage:690V~1000VAC电流:from 400A to 900AClass: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
2KN/110 (M10)	6NE3332-0B	6NE3332-0B--400A/1000VAC2KN/110aR	400A	1000VAC	110KA	gR	85W	130KA²S	0.75Kg
	6NE3333	6NE3333--450A/1000VAC2KN/110aR	450A	1000VAC	110KA	gR	90W	175KA²S	0.75Kg
	6NE3334-0B	6NE3334-0B--500A/1000VAC2KN/110aR	500A	1000VAC	110KA	gR	90W	260KA²S	0.75Kg
	6NE3335	6NE3335--560A/1000VAC2KN/110aR	560A	1000VAC	110KA	aR	95W	360KA²S	0.75Kg
	6NE3336	6NE3336--630A/1000VAC2KN/110aR	630A	1000VAC	110KA	aR	100W	600KA²S	0.75Kg
	6NE3337-8	6NE3337-8--710A/900VAC2KN/110aR	710A	900VAC	110KA	aR	105W	800KA²S	0.75Kg
	6NE3338-8	6NE3338-8--800A/800VAC2KN/110aR	800A	800VAC	110KA	aR	130W	850KA²S	0.75Kg
	6NE3340-8	6NE3340-8--900A/690VAC2KN/110aR	900A	690VAC	110KA	aR	165W	920KA²S	0.75Kg

Dimensions(mm)安装示意图:(2KN/110)



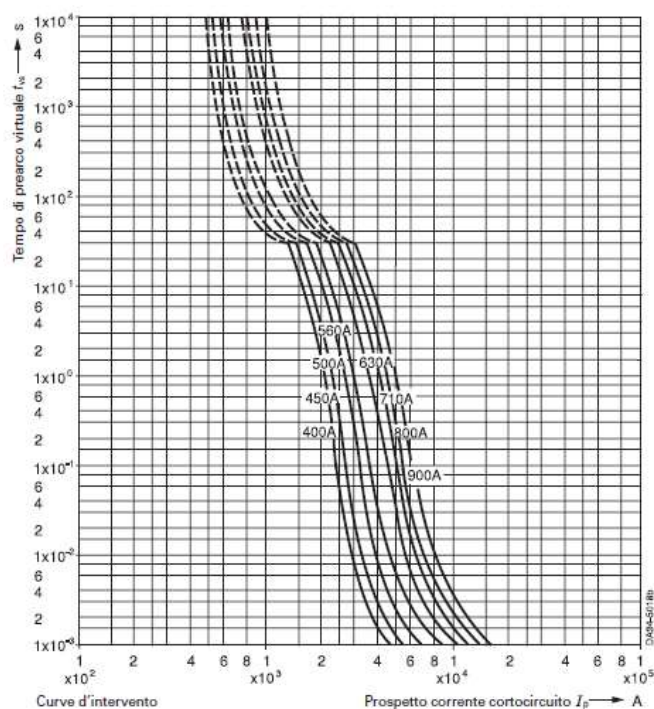
Dimensions (mm)

size	A	B	C	D1	E	H	F
2KN/110	70	135	110±2	75	60	25	11

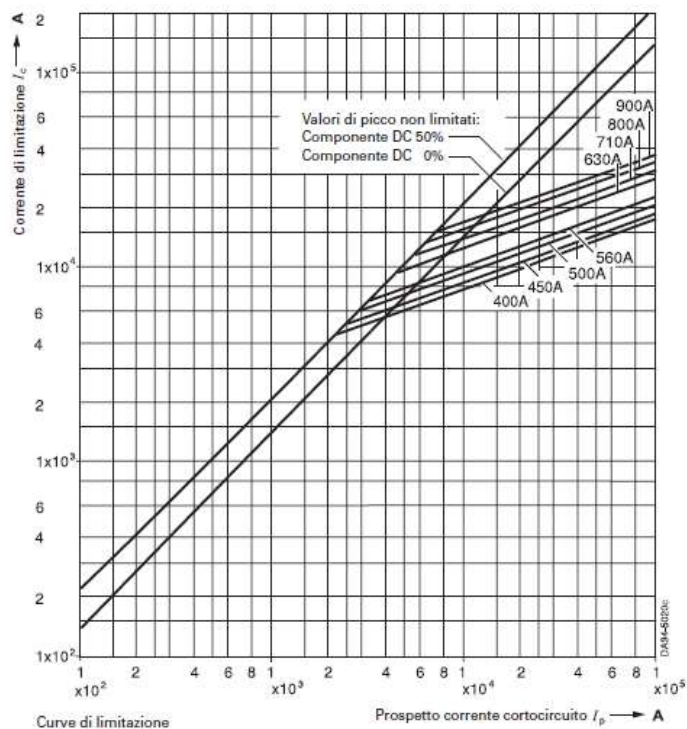


Main Characteristics 主要技术参数 电压 Voltage: 690V~1000VAC 电流: from 400A to 900A Class: aR

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



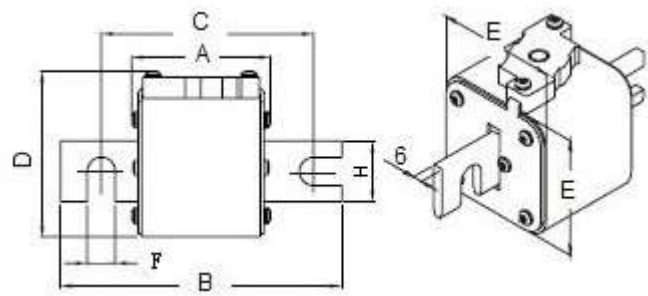
CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Main Characteristics主要技术参数电压Voltage:1000VAC 电流: from 100A to 710A Class类别: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA ² S) 熔断	Weight 重量 (Kg)
3KN/130 (M10)	6NE3421-0C	6NE3421-0C--100A/1000VAC3KN/130aR	100A	1000VAC	110KA	aR	25W	135KA ² S	1.12Kg
	6NE3626-0C	6NE3626-0C--224A/1000VAC3KN/130aR	224A	1000VAC	110KA	aR	85W	540KA ² S	1.12Kg
	6NE3430-0C	6NE3430-0C--315A/1000VAC3KN/130aR	315A	1000VAC	110KA	aR	80W	218KA ² S	1.12Kg
	6NE3422-0C	6NE3422-0C--400A/1000VAC3KN/130aR	400A	1000VAC	110KA	aR	110W	364KA ² S	1.12Kg
	6NE3635-0C	6NE3635-0C--450A/1000VAC3KN/130aR	450A	1000VAC	110KA	aR	110W	488KA ² S	1.12Kg
	6NE3434-0C	6NE3434-0C--500A/1000VAC3KN/130aR	500A	1000VAC	110KA	aR	95W	870KA ² S	1.12Kg
	6NE3636-0C	6NE3436-0C--630A/1000VAC3KN/130aR	630A	1000VAC	110KA	aR	132W	1280KA ² S	1.12Kg
	6NE3637-0C	6NE3637-0C--710A/1000VAC3KN/130aR	710A	1000VAC	110KA	aR	145W	1950KA ² S	1.12Kg

Dimensions(mm)安装示意图:(2KN/130)



Dimensions (mm)

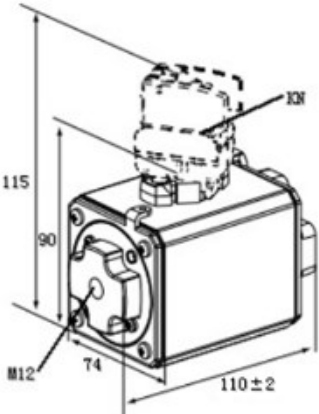
size	A	B	C	D	E	H	F
3KN/130	86	154	130±2	90	74	30	11



Main Characteristics主要技术参数电压Voltage:1000VAC 电流: from 450A to 710A Class类别: aR

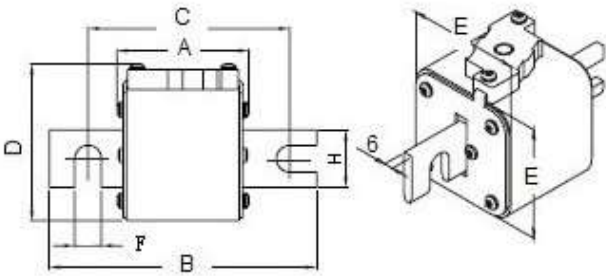
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
3BKN/110	6NE3635-6	6NE3635-6-450A/1000VAC3BKN/110aR	450A	1000VAC	110KA	aR	110W	488KA²S	1.18Kg

Dimensions(mm)安装示意图:(3BKN/110)



Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
3KN/140	6NE3637-1C	6NE3637-1C-710A/1000VAC3BKN/110aR	710A	1000VAC	110KA	aR	145W	1950KA²S	1.12Kg

Dimensions(mm)安装示意图:(3KN/140)



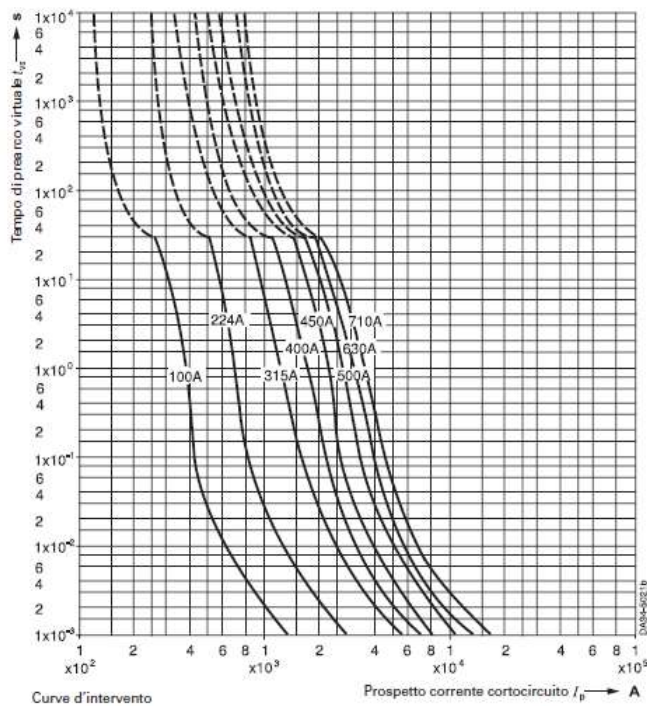
Dimensions (mm)

size	A	B	C	D	E	H	F
3KN/140	96	164	140±2	90	74	30	11

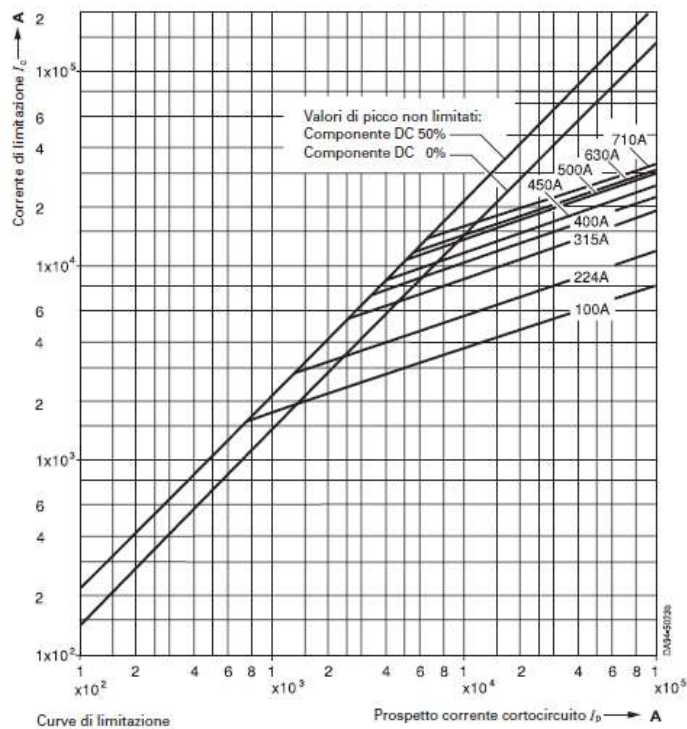


Main Characteristics 主要技术参数 电压 Voltage: 1000VAC 电流: from 100A to 710A Class 类别: aR

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



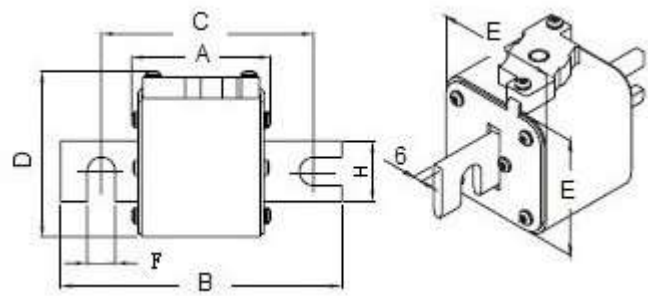
CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Main Characteristics主要技术参数 电压Voltage:800V~1000VAC 电流: from 630A to 1250A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
3KN/110 (M12)	6NE3336-1	6NE3336-1--630A/1000VAC3KN/110aR	630A	1000VAC	110KA	aR	145W	418KA²S	1.02Kg
	6NE3337-1	6NE3337-1--710A/1000VAC3KN/110aR	710A	1000VAC	110KA	aR	150W	569KA²S	1.02Kg
	6NE3338-1	6NE3338-1--800A/1000VAC3KN/110aR	800A	1000VAC	110KA	aR	155W	819KA²S	1.02Kg
	6NE3340-1	6NE3340-1--900A/1000VAC3KN/110aR	900A	1000VAC	110KA	aR	165W	1160KA²S	1.02Kg
	6NE3341-1	6NE3341-1--1000A/1000VAC3KN/110aR	1000A	1000VAC	110KA	aR	170W	1670KA²S	1.02Kg
	6NE3342-1	6NE3342-1--1100A/800VAC3KN/110aR	1100A	800VAC	110KA	aR	185W	1910KA²S	1.02Kg
	6NE3343-1	6NE3343-1--1250A/800VAC3KN/110aR	1250A	800VAC	110KA	aR	210W	2600KA²S	1.02Kg

Dimensions(mm)安装示意图:(3KN/110)



Dimensions (mm)

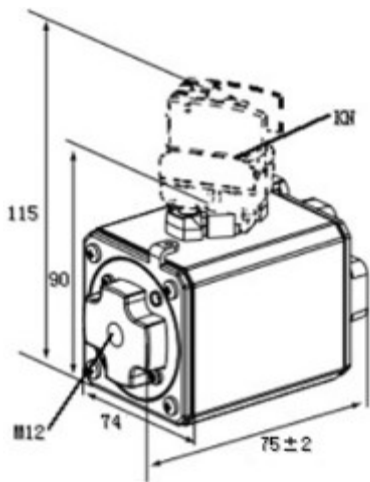
size	A	B	C	D	E	H	F
3KN/110	70	145	110±2	90	74	40	13



Main Characteristics主要技术参数 电压Voltage:800V~1000VAC 电流: from 630A to 1250A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I²t @Un (KA²S) 熔断	Weight 重量 (Kg)
3BKN/75 (M12)	6NE3336-6	6NE3336-6--630A/1000VAC3BKN/75aR	630A	1000VAC	110KA	aR	145W	418KA²S	1.02Kg
	6NE3337-6	6NE3337-6--710A/1000VAC3BKN/75aR	710A	1000VAC	110KA	aR	150W	569KA²S	1.02Kg
	6NE3338-6	6NE3338-6--800A/1000VAC3BKN/75aR	800A	1000VAC	110KA	aR	155W	819KA²S	1.02Kg
	6NE3340-6	6NE3340-6--900A/1000VAC3BKN/75aR	900A	1000VAC	110KA	aR	165W	1160KA²S	1.02Kg
	6NE3341-6	6NE3341-6--1000A/1000VAC3BKN/75aR	1000A	1000VAC	110KA	aR	170W	1670KA²S	1.02Kg
	6NE3342-6	6NE3342-6--1100A/800VAC3BKN/75aR	1100A	800VAC	110KA	aR	185W	1910KA²S	1.02Kg
	6NE3343-6	6NE3343-6--1250A/800VAC3BKN/75aR	1250A	800VAC	110KA	aR	210W	2600KA²S	1.02Kg

Dimensions(mm)安装示意图:(3BKN/75)



Main Characteristics主要技术参数 电压Voltage:800V~1000VAC 电流: from 350A to 800A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA ² S) 熔断	Weight 重量 (Kg)
1BKN/85 (M8)	6NC5531	6NC5531-350A/800VAC2BKN/85aR	350A	800VAC	110KA	aR	80W	260KA ² S	0.67Kg
3BKN/90 (M12)	6NC5840	6NC5840-600A/1000VAC2BKN/90aR	600A	1000VAC	110KA	aR	150W	888KA ² S	1.2Kg
	6NC5841	6NC5841-630A/800VAC2BKN/90aR	630A	800VAC	110KA	aR	145W	880KA ² S	1.2Kg
	6NC5838	6NC5838-800A/1000VAC2BKN/90aR	800A	1000VAC	110KA	aR	170W	1728KA ² S	1.2Kg

FEATURES & BENEFITS 功能和优点:

- aR Class according to IEC 60269-4 and VDE 636-23 执行标准
- Very low I²t for improved semiconductor Protection I²t低, 适合保护电力半导体器件
- Ultra fast acting 超快速

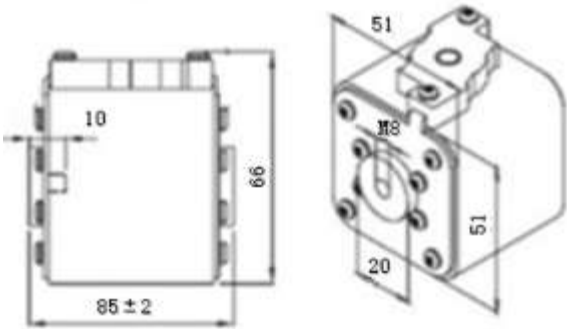
APPLICATIONS 应用:

- Protection of inverters, motor drives, UPS systems and similar 2500V or less equipment. 保护逆变器、电机驱动、UPS 电源
- Superior cycling capability 循环使用

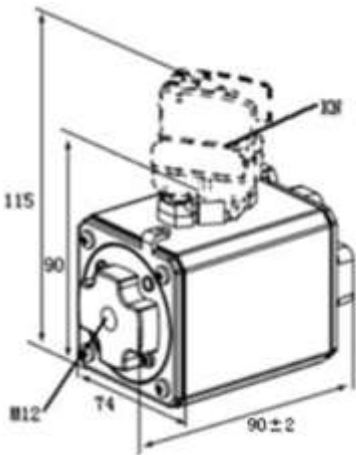
STANDARDS 标准:

- IEC 60269-4 Compliance
- UL/CSA Recognized Component
- AC: UL Guide No. E76491
- Weight重量 (Kg) 2.45KG/PCS

Dimensions(mm)安装示意图:(1BKN/85)

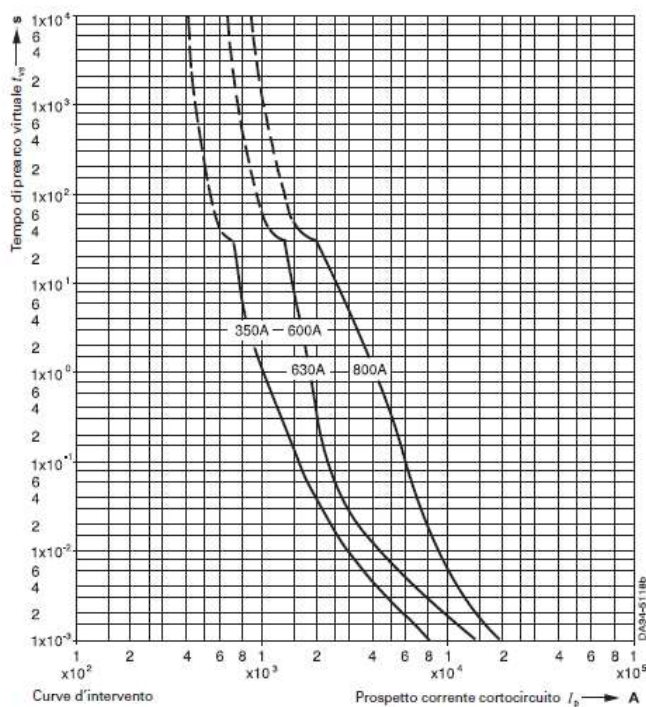


Dimensions(mm)安装示意图:(3BKN/90)

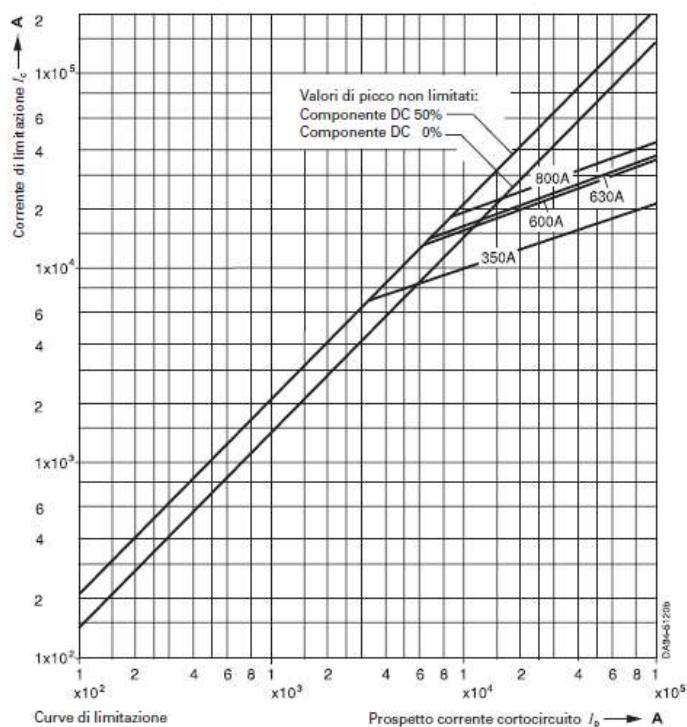


Main Characteristics 主要技术参数 电压 Voltage: 800V~1000VAC 电流: from 350A to 800A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



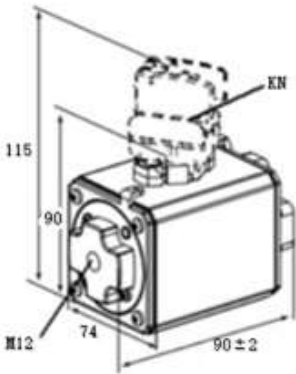
Main Characteristics主要技术参数 电压Voltage:600V~900VAC 电流: from 710A to 1250A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
3BKN/90 (M12)	6NE6437 6NE9440-6	6NE6437-710A/900VAC3BKN/90gR 6NE9440-6-850A/600VAC3BKN/90gR	710A 850A	900VAC 600VAC	110KA 110KA	gR gR	150W 85W	620KA²S 2480KA²S	1.0Kg 1.0Kg
3BKN/100 (M12)	6NE6444	6NE6444-900A/900VAC3BKN/100aR	900A	900VAC	110KA	aR	170W	1920KA²S	1.2Kg
3BKN/90 (M12)	6NE9450	6NE9450-1250A/600VAC3BKN/90aR	1250A	600VAC	110KA	aR	210W	2480KA²S	1.0Kg

FEATURES & BENEFITS 功能和优点:

- aR gR Class according to IEC 60269-4 and VDE 636-23执行标准
- Very low I²t for improved semiconductor Protection I²t低, 适合保护电力半导体器件
- Ultra fast acting 超快速

Dimensions(mm)安装示意图:(3BKN/90)



APPLICATIONS 应用:

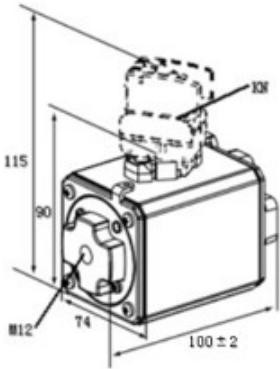
- Protection of inverters, motor drives, UPS systems and similar 2500V or less equipment. 保护逆变器、电机驱动、UPS 电源
- Superior cycling capability 循环使用

STANDARDS 标准:

- IEC 60269-4 Compliance
- UL/CSA Recognized Component
- AC: UL Guide No. E76491
- Weight重量 (Kg) 2.45KG/PCS

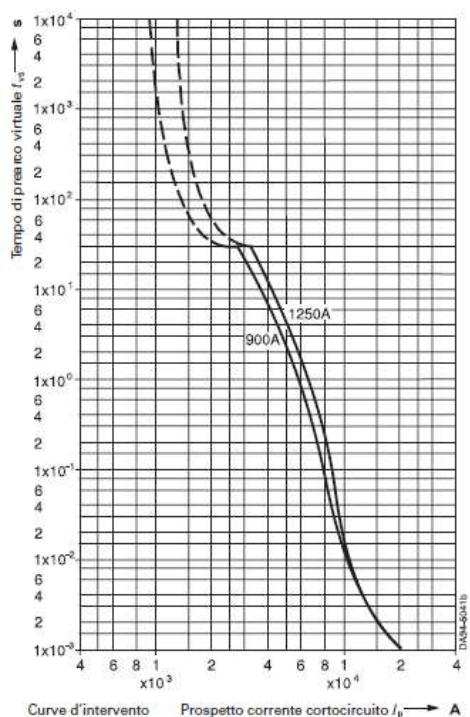
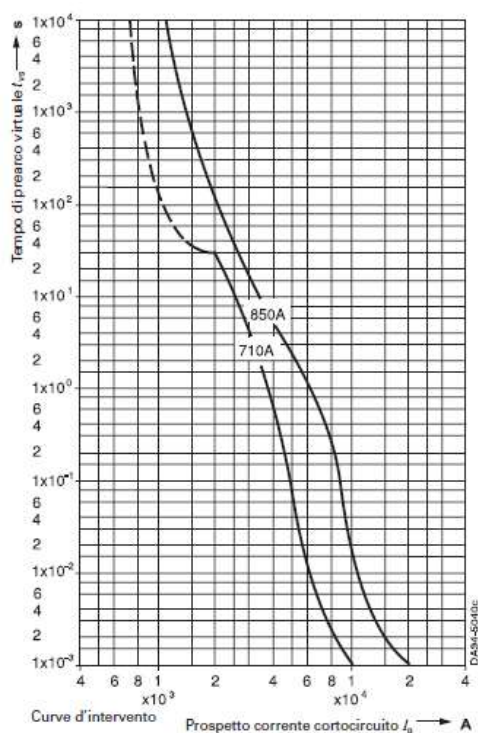


Dimensions(mm)安装示意图:(3BKN/100)



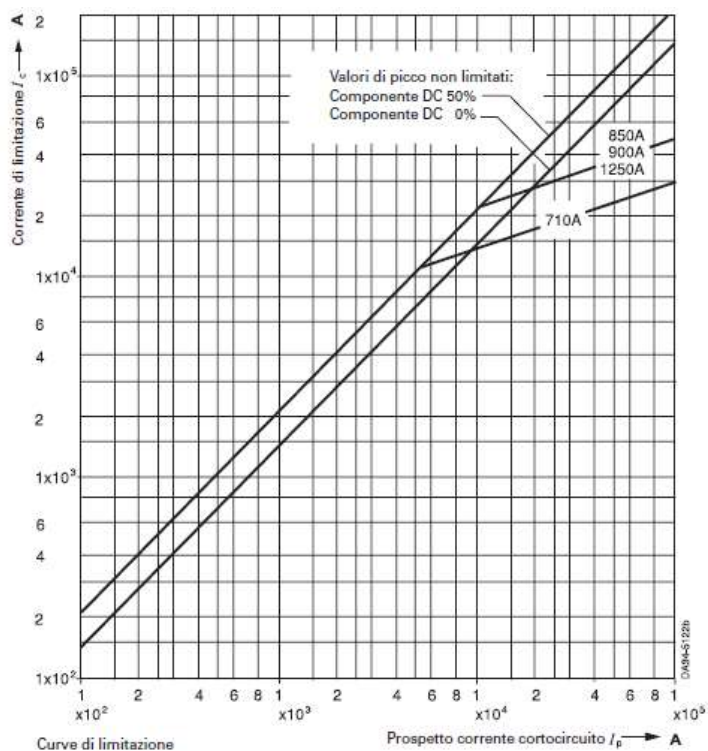
Main Characteristics 主要技术参数 电压 Voltage: 600V~900VAC 电流: from 710A to 1250A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



Main Characteristics主要技术参数 电压Voltage:600V~900VAC 电流: from 710A to 1250A

CUT-OFF CURRENT CHARACTERISTIC限流特性曲线:



Main Characteristics主要技术参数 电压 Voltage:1000VAC 电流: from 50A to 450A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
1BKN/75 (M8)	6NE4117-5	6NE4117-5-50A/1000VAC1BKN/75gR	50A	1000VAC	110KA	gR	20W	1.1KA²S	0.5Kg
	6NE4121-5	6NE4121-5-100A/1000VAC1BKN/75aR	100A	1000VAC	110KA	aR	35W	7.4KA²S	0.5Kg
	6NE4146-5	6NE4165-5-170A/1000VAC1BKN/75aR	170A	1000VAC	110KA	aR	43W	60.5KA²S	0.5Kg
2BKN/75 (M10)	6NE3525-5	6NE3525-5-200A/1000VAC2BKN/75aR	200A	1000VAC	110KA	aR	50W	44KA²S	0.7Kg
	6NE3535-5	6NE3535-5-450A/1000VAC2BKN/75aR	450A	1000VAC	110KA	aR	90W	395KA²S	0.7Kg

FEATURES & BENEFITS 功能和优点:

- aR Class according to IEC 60269-4 and VDE 636-23
执行标准
- Very low I²t for improved semiconductor Protection
I²t低, 适合保护电力半导体器件
- Ultra fast acting 超快速

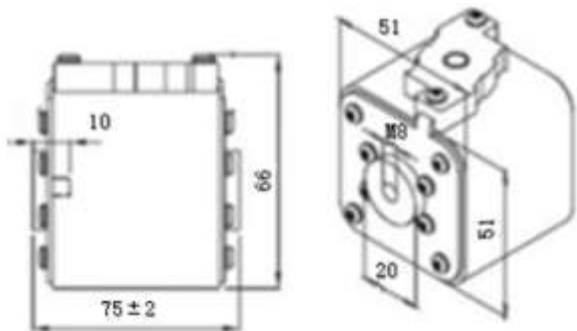
APPLICATIONS 应用:

- Protection of inverters, motor
drives, UPS systems and similar
2500V or less equipment.
保护逆变器、电机驱动、UPS 电源
- Superior cycling capability 循环使用

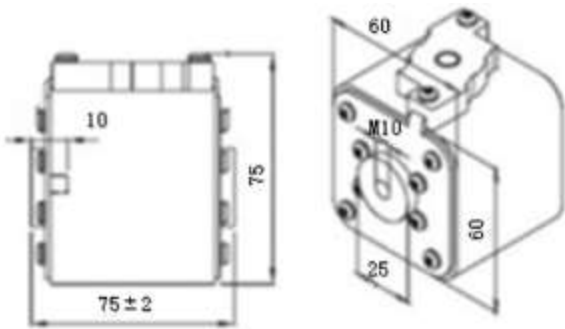
STANDARDS 标准:

- IEC 60269-4 Compliance
 - UL/CSA Recognized Component
 - AC: UL Guide No. E76491
- Weight重量 (Kg) 2.45KG/PCS

Dimensions(mm)安装示意图:(1BKN/75)

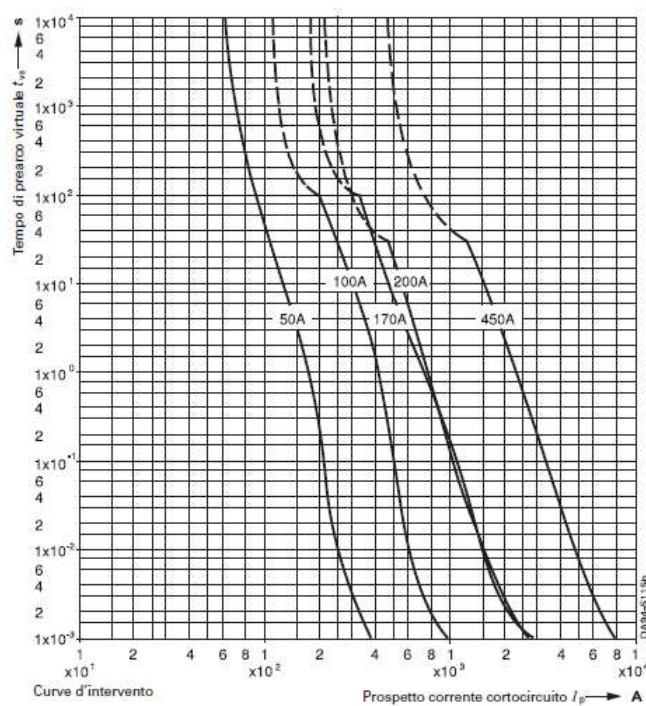


Dimensions(mm)安装示意图:(2BKN/75)

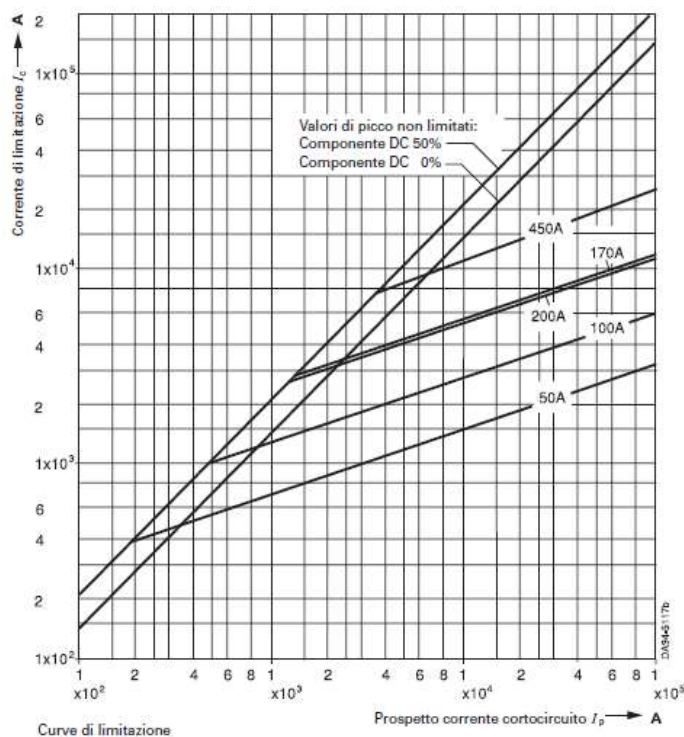


Main Characteristics 主要技术参数 电压 Voltage: 1000VAC 电流: from 50A to 450A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Main Characteristics主要技术参数 电压 Voltage:800VAC 电流: from 250A to 710A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
2BKN/75 (M10)	6NE4327-6B	6NE4327-6B-250A/800VAC2BKN/75aR	250A	800VAC	110KA	aR	105W	29.7KA²S	0.7Kg
	6NE4330-6B	6NE4330-6B-315A/800VAC2BKN/75aR	315A	800VAC	110KA	aR	120W	60.7KA²S	0.7Kg
	6NE4333-6B	6NE4333-6B-450A/800VAC2BKN/75aR	450A	800VAC	110KA	aR	140W	191KA²S	0.7Kg
	6NE4334-6B	6NE4334-6B-500A/800VAC2BKN/75aR	500A	800VAC	110KA	aR	155W	276KA²S	0.7Kg
	6NE4337-6	6NE4337-6-710A/800VAC2BKN/75aR	710A	800VAC	110KA	aR	155W	923KA²S	0.7Kg

FEATURES & BENEFITS 功能和优点:

- aR Class according to IEC 60269-4 and VDE 636-23
执行标准
- Very low I²t for improved semiconductor Protection
I²t低, 适合保护电力半导体器件
- Ultra fast acting 超快速

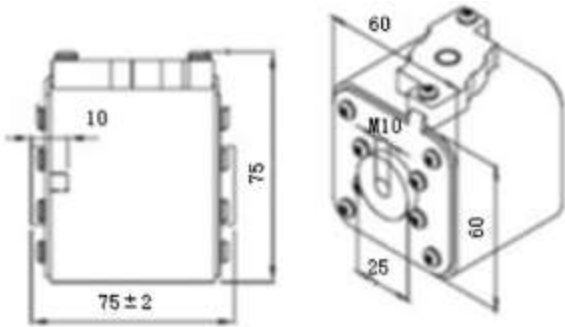
APPLICATIONS 应用:

- Protection of inverters, motor drives, UPS systems and similar 2500V or less equipment.
保护逆变器、电机驱动、UPS 电源
- Superior cycling capability 循环使用

STANDARDS 标准:

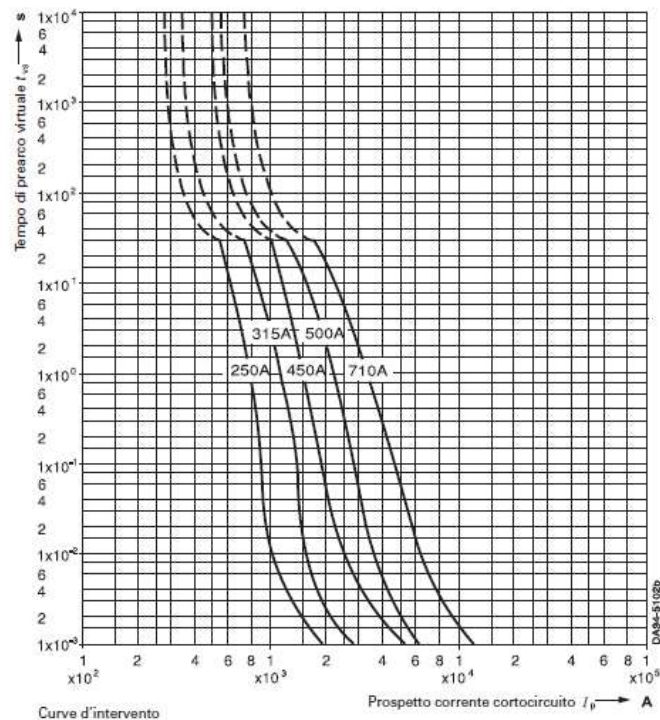
- IEC 60269-4 Compliance
 - UL/CSA Recognized Component
 - AC: UL Guide No. E76491
- Weight重量 (Kg) 2.45KG/PCS

Dimensions(mm)安装示意图:(2BKN/75)

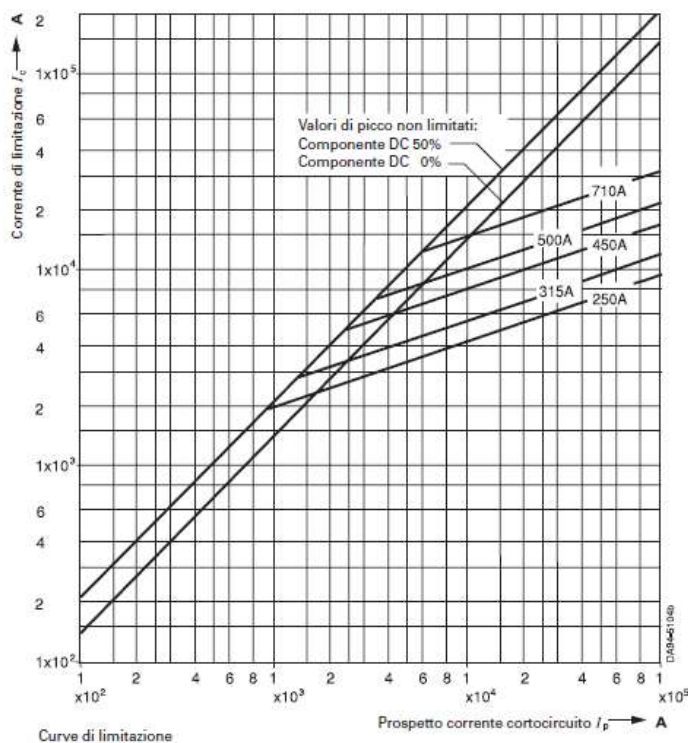


Main Characteristics 主要技术参数 电压 Voltage: 800VAC 电流: from 250A to 710A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Main Characteristics主要技术参数 电压 Voltage:690VAC 电流: from 250A to 350A

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA ² S) 熔断	Weight 重量 (Kg)
2BKN/75 (M10)	6NE7327-2	6NE7327-2-250A/690VAC2BKN/75aR	250A	690VAC	110KA	aR	25W	635KA ² S	0.7Kg
	6NE7331-2	6NE7331-2-350A/690VAC2BKN/75aR	350A	690VAC	110KA	aR	32W	1430KA ² S	0.7Kg

FEATURES & BENEFITS 功能和优点:

- aR Class according to IEC 60269-4 and VDE 636-23
执行标准
- Very low I²t for improved semiconductor Protection
I²t低, 适合保护电力半导体器件
- Ultra fast acting 超快速

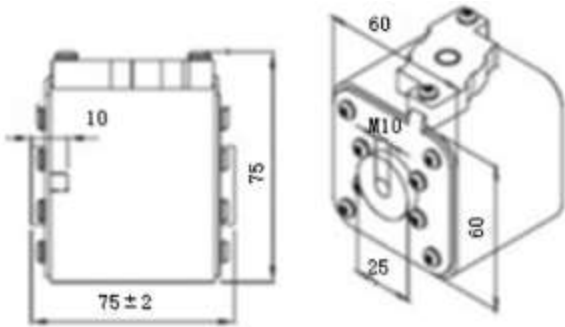
APPLICATIONS 应用:

- Protection of inverters, motor
drives, UPS systems and similar
2500V or less equipment.
保护逆变器、电机驱动、UPS 电源
- Superior cycling capability 循环使用

STANDARDS 标准:

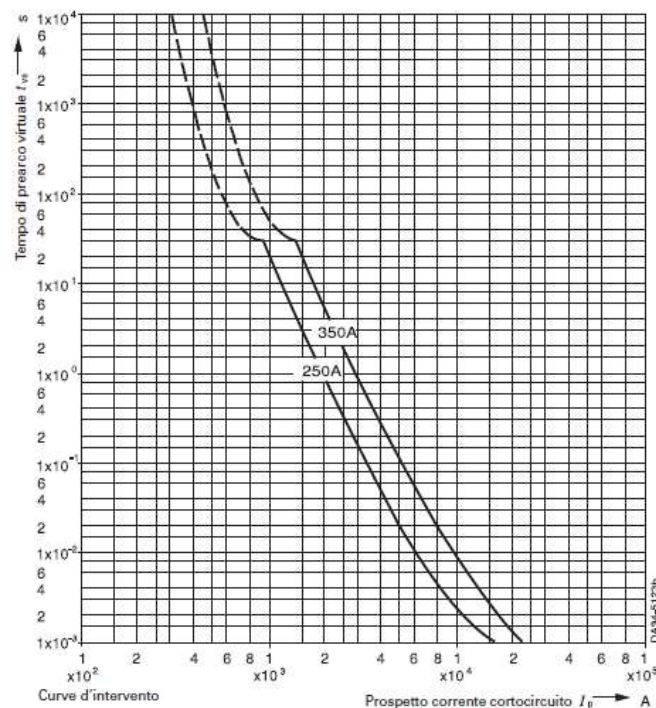
- IEC 60269-4 Compliance
 - UL/CSA Recognized Component
 - AC: UL Guide No. E76491
- Weight重量 (Kg) 2.45KG/PCS

Dimensions(mm)安装示意图:(2BKN/75)

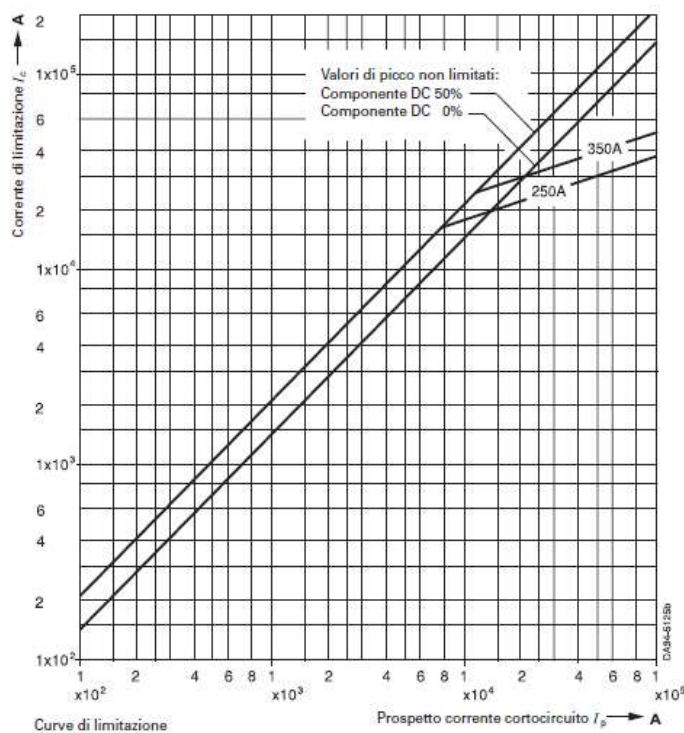


Main Characteristics 主要技术参数 电压 Voltage: 680VAC 电流: from 250A to 350A

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Main Characteristics 主要技术参数 电压 Voltage:1500VAC 电流: from 160A to 450A Class 类别: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
3KN/210 (M10)	6NE5424-0C	6NE5424-0C-160A/1500VAC3KN/210aR	160A	1500VAC	110KA	aR	56W	54KA²S	1.87Kg
	6NE5426-0C	6NE5426-0C-224A/1500VAC3KN/210aR	224A	1500VAC	110KA	aR	80W	138KA²S	1.87Kg
	6NE5430-0C	6NE5430-0C-315A/1500VAC3KN/210aR	315A	1500VAC	110KA	aR	115W	311KA²S	1.87Kg
	6NE5431-0C	6NE5431-0C-350A/1500VAC3KN/210aR	350A	1500VAC	110KA	aR	135W	428KA²S	1.87Kg
	6NE5433-0C	6NE5433-0C-450A/1500VAC3KN/210aR	450A	1500VAC	110KA	aR	145W	870KA²S	1.87Kg

FEATURES & BENEFITS 功能和优点:

- aR Class according to IEC 60269-4 and VDE 636-23
执行标准
- Very low I²t for improved semiconductor Protection
I²t低, 适合保护电力半导体器件
- Ultra fast acting 超快速

APPLICATIONS 应用:

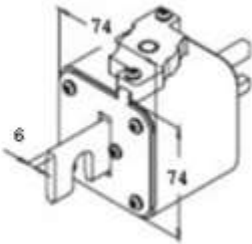
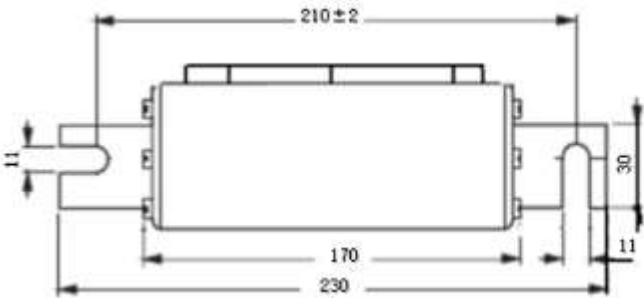
- Protection of inverters, motor drives, UPS systems and similar 1500V or less equipment.
保护逆变器、电机驱动、UPS 电源
- Superior cycling capability 循环使用

STANDARDS 标准:

- IEC 60269-4 Compliance
- UL/CSA Recognized Component
- AC: UL Guide No. E76491

Dimensions(mm)安装示意图:

6NE5424-0C	6NE5426-0C	6NE5430-0C	6NE5431-0C	6NE5433-0C
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Main Characteristics 主要技术参数 电压 Voltage:1500VAC 电流: from 160A to 450A Class 类别: aR

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:

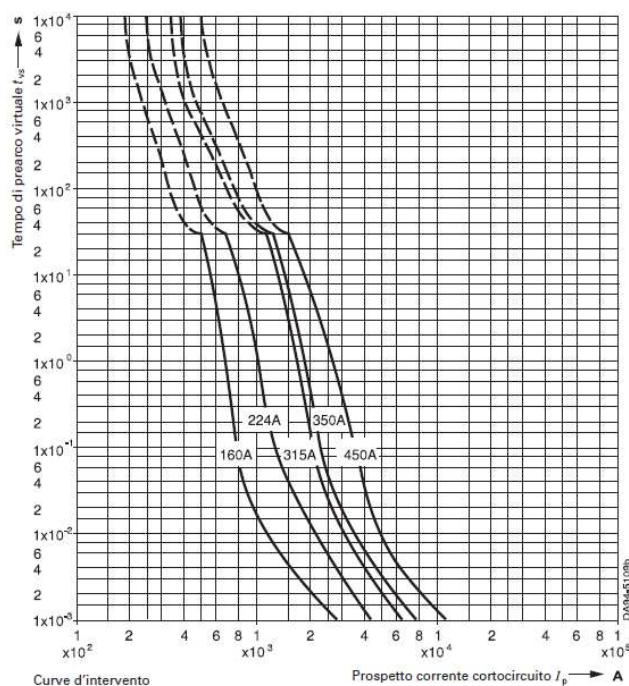
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6NE5426-1C

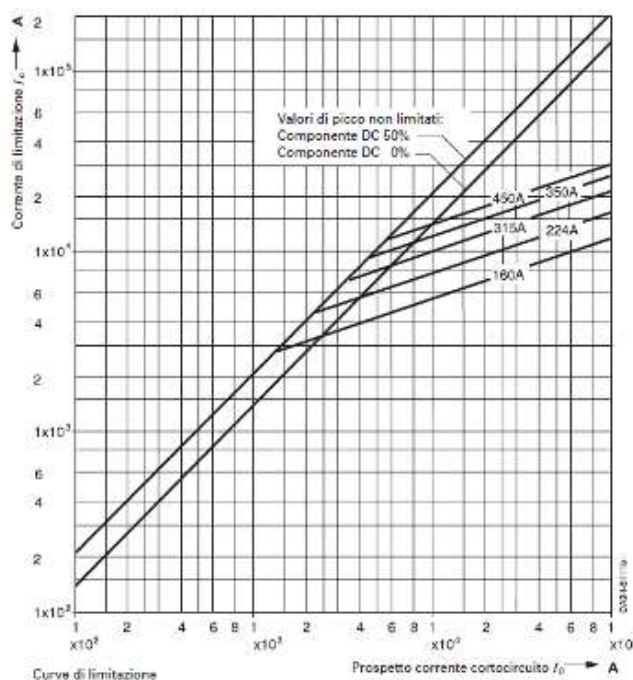
6NE5430-1C

6NE5431-1C

6NE5433-1C



CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Main Characteristics 主要技术参数 电压 Voltage:1500VAC 电流: from 160A to 450A Class 类别: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
3KN/170 (M10)	6NE5627-0C	6NE5627-0C-250A/1500VAC3KN/170aR	250A	1500VAC	110KA	aR	130W	84KA²S	1.87Kg
	6NE5633-0C	6NE5633-0C-450A/1500VAC3KN/170aR	450A	1500VAC	110KA	aR	160W	590KA²S	1.87Kg
	6NE5643-0C	6NE5643-0C-600A/1500VAC3KN/170aR	600A	1500VAC	110KA	aR	145W	1950KA²S	1.87Kg

FEATURES & BENEFITS 功能和优点:

- aR Class according to IEC 60269-4 and VDE 636-23 执行标准
- Very low I²t for improved semiconductor Protection I²t低, 适合保护电力半导体器件
- Ultra fast acting 超快速

APPLICATIONS 应用:

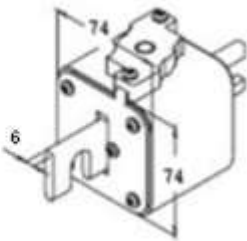
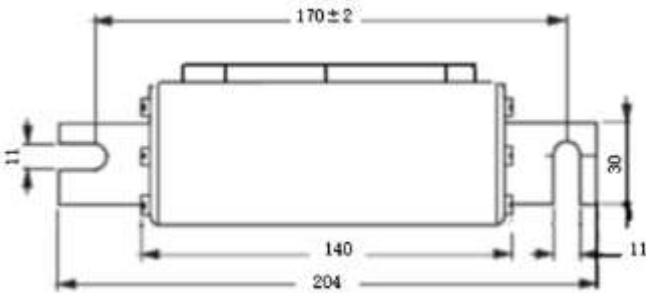
- Protection of inverters, motor drives, UPS systems and similar 1500V or less equipment. 保护逆变器、电机驱动、UPS 电源
- Superior cycling capability 循环使用

STANDARDS 标准:

- IEC 60269-4 Compliance
- UL/CSA Recognized Component
- AC: UL Guide No. E76491

Dimensions(mm)安装示意图:

6NE5627-0C	6NE5633-0C	6NE5643-0C
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名称: 西安开尔泰电力电子制造有限公司 主页: [Http://www.kaiertelectric.com](http://www.kaiertelectric.com)
电话: 029-86319515、029-86214655、029-86113970 传真: 029-86629371
地址: 西安市经济技术开发区高铁新城草滩三路 588 号 A5-3 QQ:645788944

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

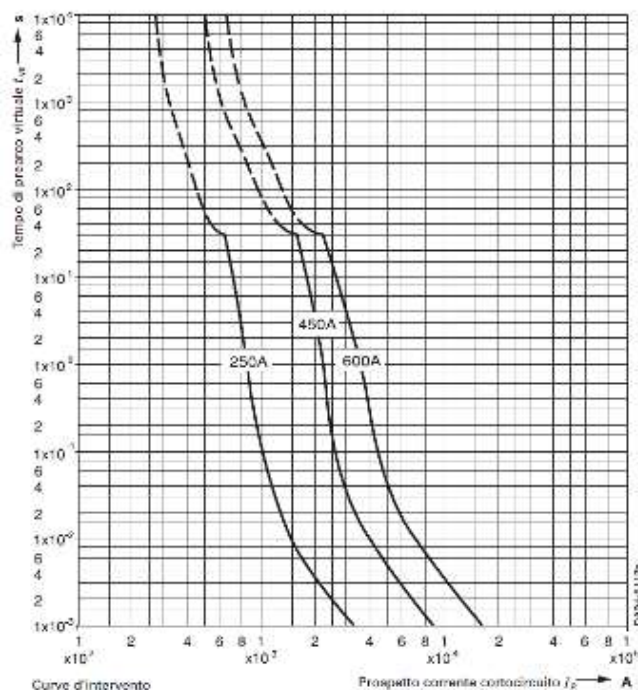
Main Characteristics 主要技术参数 电压 Voltage:1500VAC 电流: from 250A to 600A Class 类别: aR

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:

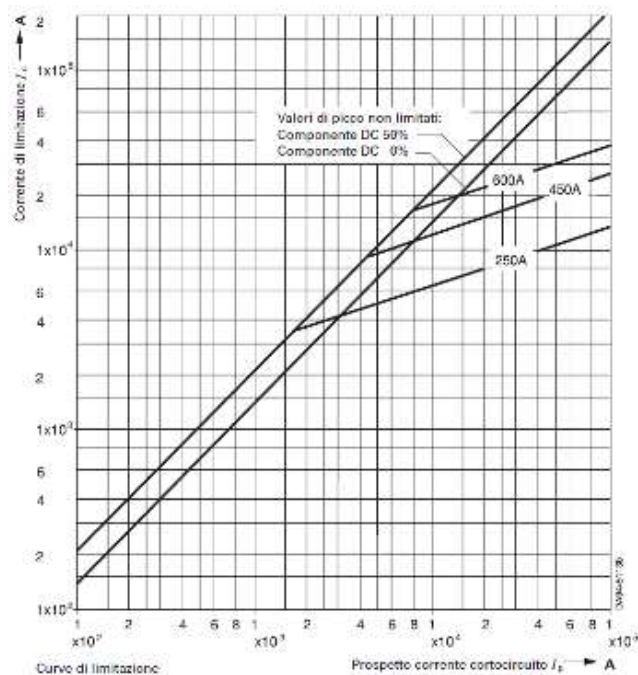
6NE5627-0C

6NE5633-0C

6NE5643-0C



CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Main Characteristics 主要技术参数 电压 Voltage:2000VAC 电流: from 200A to 630A Class 类别: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
3KN/210 (M10)	6NE7425-0C	6NE7425-0C-200A/2000VAC3KN/210aR	200A	2000VAC	110KA	aR	75W	138KA²S	1.87Kg
	6NE7427-0C	6NE7427-0C-250A/2000VAC3KN/210aR	250A	2000VAC	110KA	aR	110W	218KA²S	1.87Kg
	6NE7431-0C	6NE7431-0C-350A/2000VAC3KN/210aR	350A	2000VAC	110KA	aR	120W	555KA²S	1.87Kg
	6NE7432-0C	6NE7432-0C-400A/2000VAC3KN/210aR	400A	2000VAC	110KA	aR	150W	870KA²S	1.87Kg
	6NE7633-0C	6NE7633-0C-450A/2000VAC3KN/210aR	450A	2000VAC	110KA	aR	160W	960KA²S	1.87Kg
	6NE7636-0C	6NE7636-0C-630A/2000VAC3KN/210aR	630A	2000VAC	110KA	aR	220W	1950KA²S	1.87Kg

FEATURES & BENEFITS 功能和优点:

- aR Class according to IEC 60269-4 and VDE 636-23
执行标准
- Very low I²t for improved semiconductor Protection
I²t低, 适合保护电力半导体器件
- Ultra fast acting 超快速

APPLICATIONS 应用:

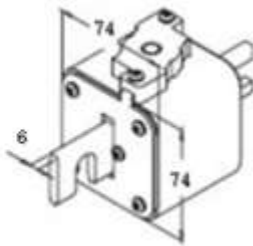
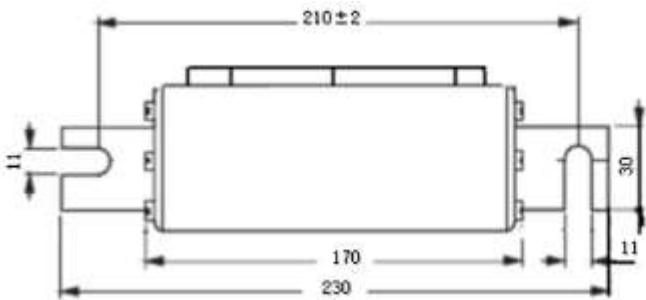
- Protection of inverters, motor drives, UPS systems and similar 2000V or less equipment.
保护逆变器、电机驱动、UPS 电源
- Superior cycling capability 循环使用

STANDARDS 标准:

- IEC 60269-4 Compliance
- UL/CSA Recognized Component
- AC: UL Guide No. E76491

Dimensions(mm)安装示意图:

6NE7425-0C	6NE7427-0C	6NE7431-0C	6NE7432-0C	6NE7633-0C	6NE7636-0C
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Main Characteristics 主要技术参数 电压 Voltage:2000VAC 电流: from 450A to 7100A Class 类别: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功耗 In(W)	I ² t @Un (KA²S) 熔断	Weight 重量 (Kg)
3KN/210 (M12)	6NE7633-1C	6NE7633-1C-450A/2000VAC3KN/210aR	450A	2000VAC	110KA	aR	160W	960KA²S	1.87Kg
	6NE7648-1C	6NE7648-1C-525A/2000VAC3KN/210aR	525A	2000VAC	110KA	aR	210W	1120KA²S	1.87Kg
	6NE7636-1C	6NE7636-1C-630A/2000VAC3KN/210aR	630A	2000VAC	110KA	aR	220W	1950KA²S	1.87Kg
	6NE7637-1C	6NE7637-1C-710A/2000VAC3KN/210aR	710A	2000VAC	110KA	aR	275W	3110KA²S	1.87Kg

FEATURES & BENEFITS 功能和优点:

- aR Class according to IEC 60269-4 and VDE 636-23
执行标准
- Very low I²t for improved semiconductor Protection
I²t低, 适合保护电力半导体器件
- Ultra fast acting 超快速

APPLICATIONS 应用:

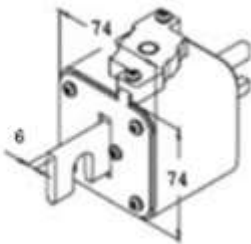
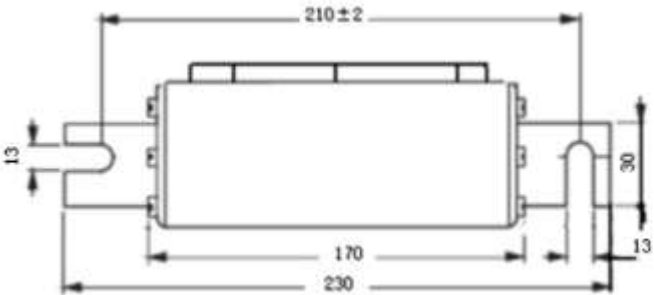
- Protection of inverters, motor drives, UPS systems and similar 2000V or less equipment.
保护逆变器、电机驱动、UPS 电源
- Superior cycling capability 循环使用

STANDARDS 标准:

- IEC 60269-4 Compliance
- UL/CSA Recognized Component
- AC: UL Guide No. E76491

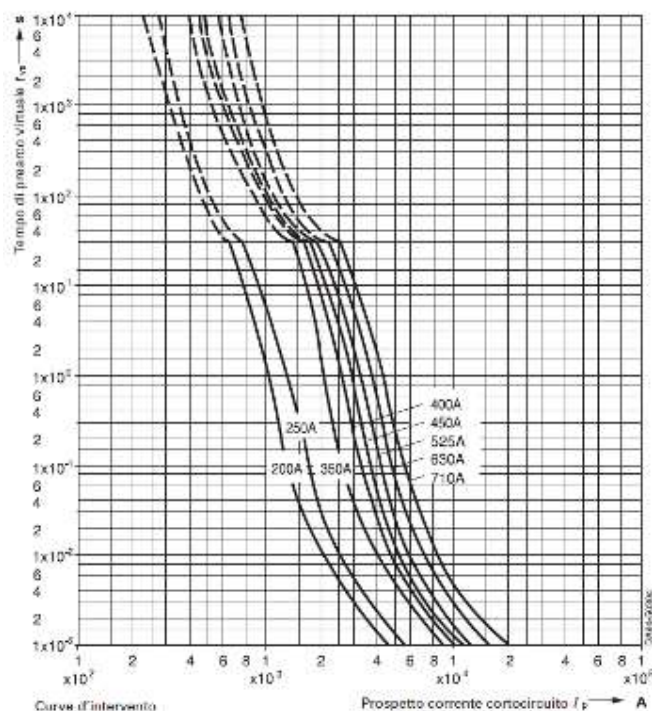
Dimensions(mm)安装示意图:

6NE7633-1C	6NE7648-1C	6NE7636-1C	6NE7637-1C
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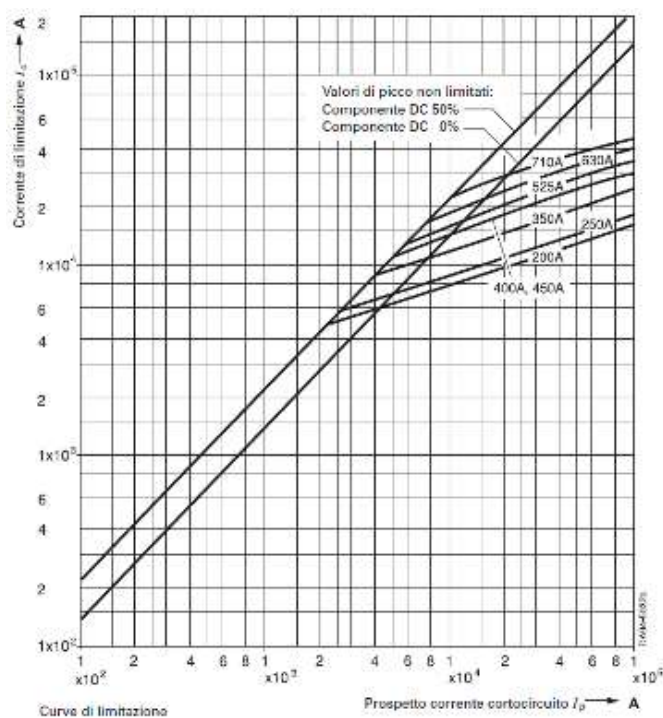


Main Characteristics 主要技术参数 电压 Voltage:2000VAC 电流: from 200A to 710A Class 类别: aR

TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:



CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



Main Characteristics 主要技术参数 电压 Voltage:2500VAC 电流: from 400A to 630A Class 类别: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 AC(V)	Breaking capacity 分断能力	类别 Class	Watts Loss 功 耗 In(W)	I²t @Un (KA²S)	
								Pre-arcing I²t弧前	熔断 Total I²t
3KN/260 (M12)	6NE9632-1C	6NE9632-1C-400A/2500VAC3KN/260aR	400A	2500VAC	110KA	aR	250W	81KA²S	620KA²S
	6NE9634-1C	6NE9634-1C-500A/2500VAC3KN/260aR	500A	2500VAC	110KA	aR	235W	170KA²S	1270KA²S
	6NE9636-1C	6NE9636-1C-630A/2500VAC3KN/260aR	630A	2500VAC	110KA	aR	275W	275KA²S	2800KA²S

FEATURES & BENEFITS 功能和优点:

- aR Class according to IEC 60269-4 and VDE 636-23
执行标准
- Very low I²t for improved semiconductor Protection
I²t低, 适合保护电力半导体器件
- Ultra fast acting 超快速

APPLICATIONS 应用:

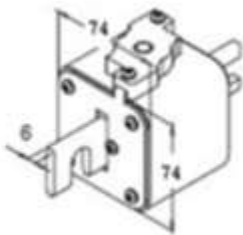
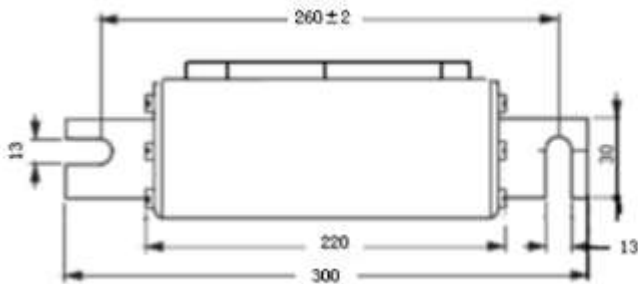
- Protection of inverters, motor
drives, UPS systems and similar
2500V or less equipment.
保护逆变器、电机驱动、UPS 电源
- Superior cycling capability 循环使用

STANDARDS 标准:

- IEC 60269-4 Compliance
 - UL/CSA Recognized Component
 - AC: UL Guide No. E76491
- Weight重量 (Kg) 2.45KG/PCS

Dimensions(mm)安装示意图:

6NE9632-1C 6NE9634-1C 6NE9636-1C

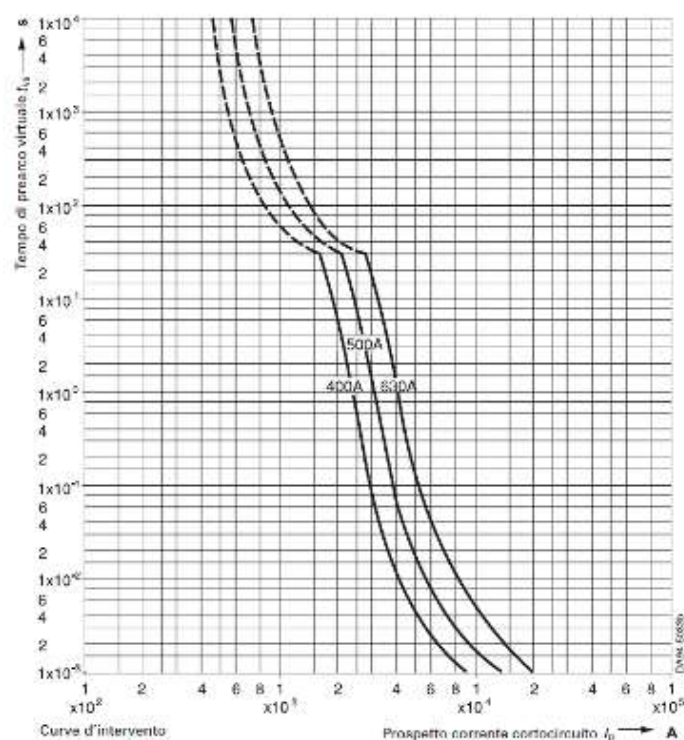


TIME CURRENT CHARACTERISTIC CURVES 时间-电流特性曲线:

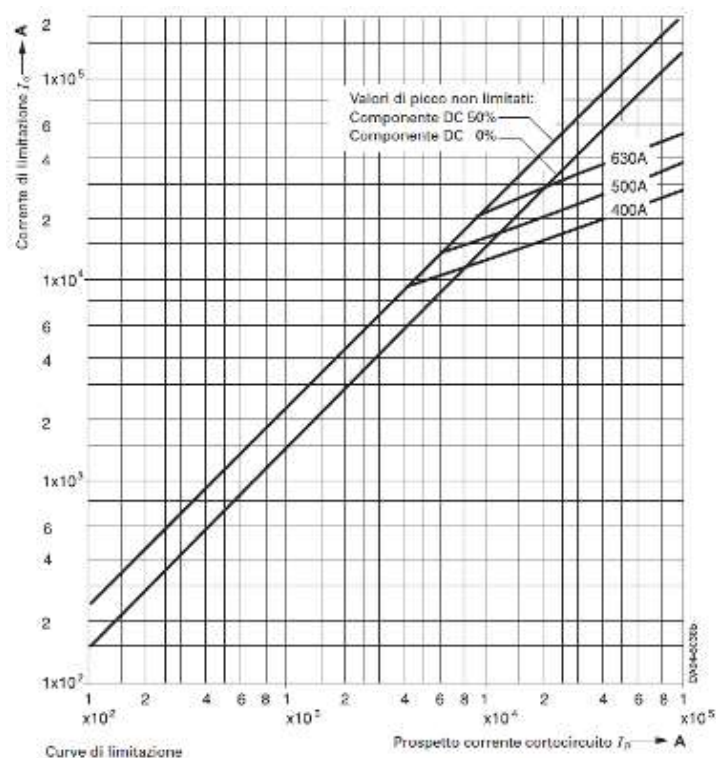
6NE9632-1C

6NE9634-1C

6NE9636-1C



CUT-OFF CURRENT CHARACTERISTIC 限流特性曲线:



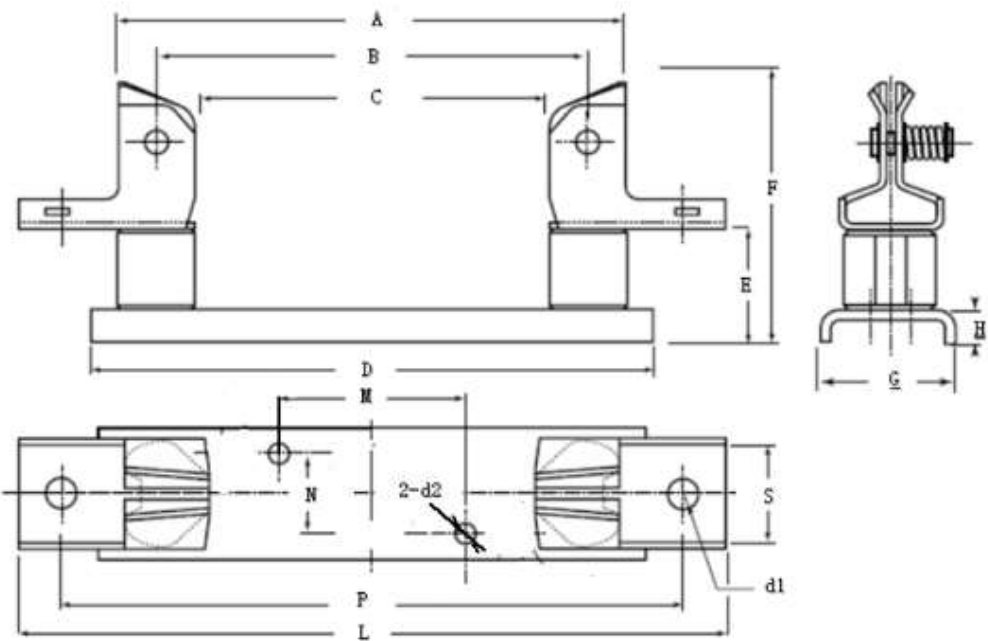
Main Characteristics 主要技术参数 电压Voltage:1500VAC~2500VAC 电流: from 160A to 710A

底座外形尺寸图 Outline and installation(mm)

2SI-DIN170-710A,For bracket type fuse 母线勾插型熔断器底座;

2SI-DIN210-710A,For bracket type fuse 母线勾插型熔断器底座

2SI-DIN260-710A,For bracket type fuse 母线勾插型熔断器底座



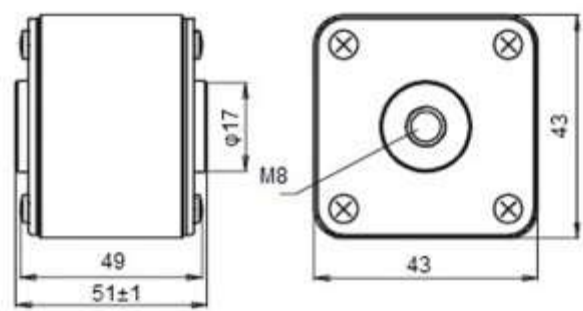
Designation	Fuse Holder Dimensions 熔断器底座外形尺寸（mm）														
订货号	A	B	C	D	E	F	G	H	L	P	M	N	S	d1	d2
2SI-DIN170-710A	200	170±2	130	205	50	125	75	15	260	230	60	35	40	Φ 11	Φ 11
2SI-DIN210-710A	240	210±2	185	245	50	125	75	15	300	270	80	35	40	Φ 11	Φ 11
2SI-DIN260-710A	285	260±2	220	290	50	125	75	15	345	315	100	35	40	Φ 11	Φ 11



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 40A to 630AaR

Size 瓷管代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气参数			
		0B/51-Visual Indicator顶部视觉指示	Rating Ampere 电流 (A)	Pre-arcing 弧前 I²t (A²S)	Total 熔断 I²t @ 660V(A²S)	Watts Loss 功耗(W)
0B/51	190M3408	KSP0-40A/690VAC0B51aR100KA	40A	40A²S	270A²S	9W
	190M3409	KSP0-50A/690VAC0B51aR100KA	50A	77A²S	515A²S	11W
	190M3410	KSP0-63A/690VAC0B51aR100KA	63A	115A²S	770A²S	14W
	190M3411	KSP0-80A/690VAC0B51aR100KA	80A	185A²S	1250A²S	18W
	190M3412	KSP0-100A/690VAC0B51aR100KA	100A	360A²S	2450A²S	21W
	190M3413	KSP0-125A/690VAC0B51aR100KA	125AA	550A²S	3700A²S	26W
	190M3414	KSP0-160A/690VAC0B51aR100KA	160A	1100A²S	7500A²S	30W
	190M3415	KSP0-200A/690VAC0B51aR100KA	200A	2200A²S	15000A²S	35W
	190M3416	KSP0-250A/690VAC0B51aR100KA	250A	4200A²S	28500A²S	40W
	190M3417	KSP0-315A/690VAC0B51aR100KA	315A	7000A²S	46500A²S	50W
	190M3418	KSP0-350A/690VAC0B51aR100KA	350A	10000A²S	68500A²S	55W
	190M3419	KSP0-400A/690VAC0B51aR100KA	400A	15000A²S	105000A²S	60W
	190M3420	KSP0-450A/690VAC0B51aR100KA	450A	21000A²S	140000A²S	65W
	190M3421	KSP0-500A/690VAC0B51aR100KA	500A	27000A²S	180000A²S	70W
	190M3422	KSP0-550A/690VAC0B51aR100KA	+550A	34000A²S	230000A²S	75W
	190M3423	KSP0-630A/690VAC0B51aR100KA	*630A	48500A²S	325000A²S	80W

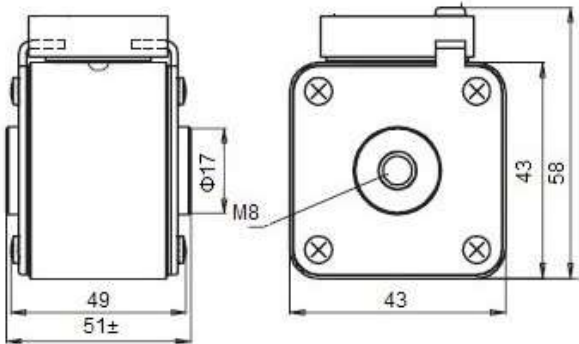
Dimensions 安装尺寸图(mm): 0B/51



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 40A to 630AaR

Size 瓷管代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics			
		-0BKN/ 51 Indicator for Micro中部微动指示	Rating Ampere 电流 (A)	Pre-arcing 弧前 I²t (A²S)	Total 熔断 I²t @ 660V(A²S)	Watts Loss 功耗 (W)
0BKN/51	190M3458	KSP0-40A/690VAC0BKN51aR100KA	40A	40A²S	270A²S	9W
	190M3459	KSP0-50A/690VAC0BKN51aR100KA	50A	77A²S	515A²S	11W
	190M3460	KSP0-63A/690VAC0BKN51aR100KA	63A	115A²S	770A²S	14W
	190M3461	KSP0-80A/690VAC0BKN51aR100KA	80A	185A²S	1250A²S	18W
	190M3462	KSP0-100A/690VAC0BKN51aR100KA	100A	360A²S	2450A²S	21W
	190M3463	KSP0-125A/690VAC0BKN51aR100KA	125A	550A²S	3700A²S	26W
	190M3464	KSP0-160A/690VAC0BKN51aR100KA	160A	1100A²S	7500A²S	30W
	190M3465	KSP0-200A/690VAC0BKN51aR100KA	200A	2200A²S	15000A²S	35W
	190M3466	KSP0-250A/690VAC0BKN51aR100KA	250A	4200A²S	28500A²S	40W
	190M3467	KSP0-315A/690VAC0BKN51aR100KA	315A	7000A²S	46500A²S	50W
	190M3468	KSP0-350A/690VAC0BKN51aR100KA	350A	10000A²S	68500A²S	55W
	190M3469	KSP0-400A/690VAC0BKN51aR100KA	400A	15000A²S	105000A²S	60W
	190M3470	KSP0-450A/690VAC0BKN51aR100KA	450A	21000A²S	140000A²S	65W
	190M3471	KSP0-500A/690VAC0BKN51aR100KA	500A	27000A²S	180000A²S	70W
	190M3472	KSP0-550A/690VAC0BKN51aR100KA	550A	34000A²S	230000A²S	75W
	190M3473	KSP0-630A/690VAC0BKN51aR100KA	630A	48500A²S	325000A²S	80W

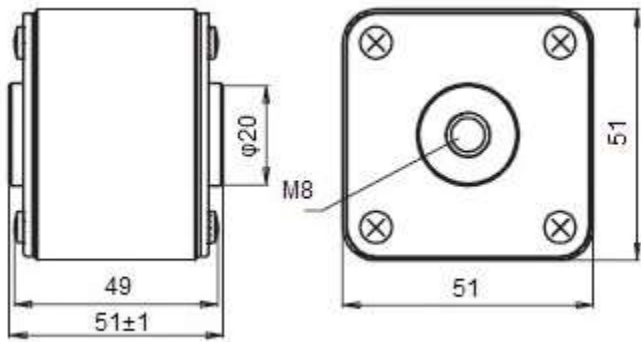
Dimensions 安装尺寸图(mm): 0BKN/51



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 200A to 900AaR

Size 瓷管代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气参数			
		1B/51-Visual Indicator顶部视觉指示	Rating Ampere 电流(A)	Pre-arcing 弧前 I²t (A²S)	Total 熔断 I²t @ 660V(A²S)	Watts Loss 功耗(W)
1B/51	190M4408	KSP1-200A/690VAC1B51aR100KA	200A	1650A²S	11500A²S	45W
	190M4409	KSP1-250A/690VAC1B51aR100KA	250A	3100A²S	21000A²S	55W
	190M4410	KSP1-315A/690VAC1B51aR100KA	315A	6200A²S	42000A²S	58W
	190M4411	KSP1-350A/690VAC1B51aR100KA	350A	8500A²S	59000A²S	60W
	190M4412	KSP1-400A/690VAC1B51aR100KA	400A	13500A²S	91500A²S	65W
	190M4413	KSP1-450A/690VAC1B51aR100KA	450A	17000A²S	120000A²S	70W
	190M4414	KSP1-500A/690VAC1B51aR100KA	500A	25000A²S	170000A²S	72W
	190M4415	KSP1-550A/690VAC1B51aR100KA	550A	34000A²S	230000A²S	75W
	190M4416	KSP1-630A/690VAC1B51aR100KA	630A	52000A²S	350000A²S	80W
	190M4417	KSP1-700A/690VAC1B51aR100KA	700A	69500A²S	465000A²S	85W
	190M4418	KSP1-800A/690VAC1B51aR100KA	800A	105000A²S	725000A²S	95W
	190M4419	KSP1-900A/550VAC1B51aR100KA	900A	155000A²S	850000A²S	100W

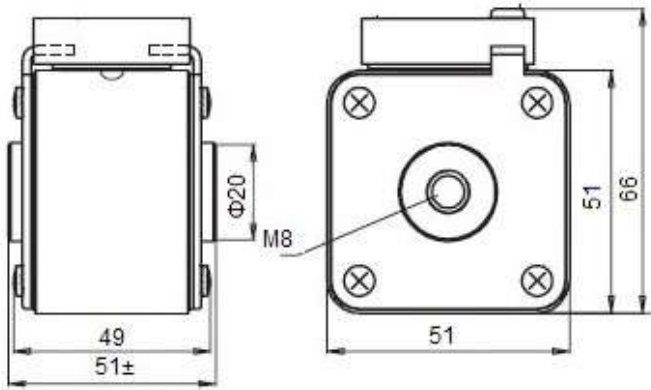
Dimensions 安装尺寸图(mm): 1B/51



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 200A to 900AaR

Size 瓷管代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气参数			
		1BKN/51 Indicator for Micro 中部微动指示	Rating Ampere 电流(A)	Pre-arcing 弧前 I _{pt} (A²S)	Total 熔断 I _{pt} @ 660V(A²S)	Watts Loss 功耗(W)
1BKN/51	190M4458	KSP1-200A/690VAC1BKN51aR100KA	200A	1650A²S	11500A²S	45W
	190M4459	KSP1-250A/690VAC1BKN51aR100KA	250A	3100A²S	21000A²S	55W
	190M4460	KSP1-315A/690VAC1BKN51aR100KA	315A	6200A²S	42000A²S	58W
	190M4461	KSP1-350A/690VAC1BKN51aR100KA	350A	8500A²S	59000A²S	60W
	190M4462	KSP1-400A/690VAC1BKN51aR100KA	400A	13500A²S	91500A²S	65W
	190M4463	KSP1-450A/690VAC1BKN51aR100KA	450A	17000A²S	120000A²S	70W
	190M4464	KSP1-500A/690VAC1BKN51aR100KA	500A	25000A²S	170000A²S	72W
	190M4465	KSP1-550A/690VAC1BKN51aR100KA	550A	34000A²S	230000A²S	75W
	190M4466	KSP1-630A/690VAC1BKN51aR100KA	630A	52000A²S	350000A²S	80W
	190M4467	KSP1-700A/690VAC1BKN51aR100KA	700A	69500A²S	465000A²S	85W
	190M4468	KSP1-800A/690VAC1BKN51aR100KA	800A	105000A²S	725000A²S	95W
	190M4469	KSP1-900A/550VAC1BKN51aR100KA	900A	155000A²S	850000A²S	100W

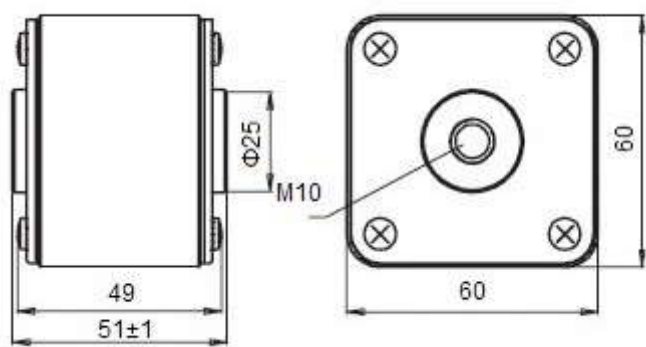
Dimensions 安装尺寸图(mm): 1BKN/51



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 400A to 1250AaR

Size 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics Electrical Characteristics电气特性			
		2B/51-Visual Indicator顶部视觉指示	Rating Ampere 电流(A)	Pre-arcing 弧前 I²t (A²S)	Total 熔断 I²t @ 660V(A²S)	Watts Loss 功耗 (W)
2B/51	190M5408	KSP2-400A/690VAC2B51aR100KA	400A	11000A²S	74000A²S	65W
	190M5409	KSP2-450A/690VAC2B51aR100KA	450A	15500A²S	105000A²S	70W
	190M5410	KSP2-500A/690VAC2B51aR100KA	500A	21500A²S	145000A²S	75W
	190M5411	KSP2-550A/690VAC2B51aR100KA	550A	28000A²S	190000A²S	80W
	190M5412	KSP2-630A/690VAC2B51aR100KA	630A	41000A²S	275000A²S	90W
	190M5413	KSP2-700A/690VAC2B51aR100KA	700A	60500A²S	405000A²S	95W
	190M5414	KSP2-800A/690VAC2B51aR100KA	800A	86000A²S	575000A²S	105W
	190M5415	KSP2-900A/690VAC2B51aR100KA	900A	125000A²S	840000A²S	110W
	190M5416	KSP2-1000A/690VAC2B51aR100KA	1000A	180000A²S	1250000A²S	115W
	190M5417	KSP2-1100A/600VAC2B51aR100KA	1100A	245000A²S	1600000A²S	120W
	190M5418	KSP2-1250A/600VAC2B51aR100KA	1250A	365000A²S	2400000A²S	130W

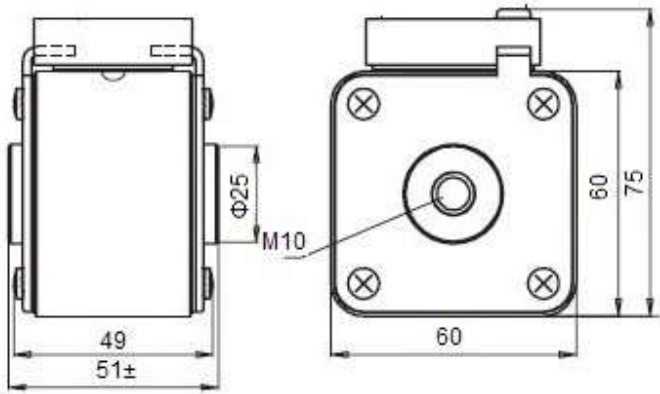
Dimensions 安装尺寸图(mm): 2B/51



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 400A to 1250AaR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics Electrical Characteristics电气特性			
		2BKN/51 Indicator for Micro 中部微动指示	Rating Ampere 电流 (A)	Pre-arcing 弧前 I²t (A²S)	Total 熔断 I²t @ 660V(A²S)	Watts Loss 功耗(W)
2BKN/51	190M5458	KSP2-400A/690VAC2BKN51aR100KA	400A	11000A²S	74000A²S	65W
	190M5459	KSP2-450A/690VAC2BKN51aR100KA	450A	15500A²S	105000A²S	70W
	190M5460	KSP2-500A/690VAC2BKN51aR100KA	500A	21500A²S	145000A²S	75W
	190M5461	KSP2-550A/690VAC2BKN51aR100KA	550A	28000A²S	190000A²S	80W
	190M5462	KSP2-630A/690VAC2BKN51aR100KA	630A	41000A²S	275000A²S	90W
	190M5463	KSP2-700A/690VAC2BKN51aR100KA	700A	60500A²S	405000A²S	95W
	190M5464	KSP2-800A/690VAC2BKN51aR100KA	800A	86000A²S	575000A²S	105W
	190M5465	KSP2-900A/690VAC2BKN51aR100KA	900A	125000A²S	840000A²S	110W
	190M5466	KSP2-1000A/690VAC2BKN51aR100KA	1000A	180000A²S	1250000A²S	115W
	190M5467	KSP2-1100A/600VAC2BKN51aR100KA	1100A	245000A²S	1600000A²S	120W
	190M5468	KSP2-1250A/600VAC2BKN51aR100KA	1250A	365000A²S	2400000A²S	130W

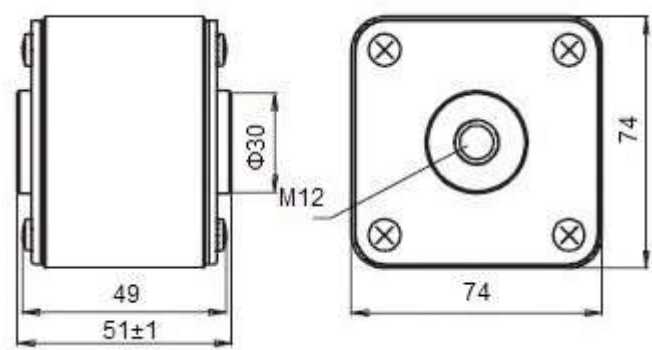
Dimensions 安装尺寸图(mm): 2BKN/51



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000AaR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气参数			
		3B/-Visual Indicator顶部视觉指示	Rating Ampere 电流 (A)	Pre-arcing 弧前 I²t (KA²S)	Total 熔断 I²t @ 660V(KA²S)	Watts Loss 功耗 (W)
3B/51	190M6408	KSP3-500A/690VAC3B/51aR100KA	500A	14KA²S	95KA²S	95W
	190M6409	KSP3-550A/690VAC3B/51aR100KA	550A	19KA²S	135KA²S	100W
	190M6410	KSP3-630A/690VAC3B/51aR100KA	630A	31KA²S	210KA²S	105W
	190M6411	KSP3-700A/690VAC3B/51aR100KA	700A	44KA²S	300KA²S	110W
	190M6412	KSP3-800A/690VAC3B/51aR100KA	800A	69KA²S	465KA²S	115W
	190M6413	KSP3-900A/690VAC3B/51aR100KA	900A	100KA²S	670KA²S	120W
	190M6414	KSP3-1000A/690VAC3B/51aR100KA	1000A	140KA²S	945KA²S	125W
	190M6415	KSP3-1100A/690VAC3B/51aR100KA	1100A	190KA²S	1300KA²S	130W
	190M6416	KSP3-1250A/690VAC3B/51aR100KA	1250A	290KA²S	1950KA²S	140W
	190M6417	KSP3-1400A/690VAC3B/51aR100KA	1400A	370KA²S	2450KA²S	155W
	190M6418	KSP3-1500A/690VAC3B/51aR100KA	1500A	460KA²S	3100KA²S	160W
	190M6419	KSP3-1600A/690VAC3B/51aR100KA	1600A	580KA²S	3900KA²S	160W
	190M6420	KSP3-1800A/600VAC3B/51aR100KA	1800A	880KA²S	5250KA²S	165W
	190M6421	KSP3-2000A/550VAC3B/51aR100KA	2000A	1150KA²S	6350KA²S	175W

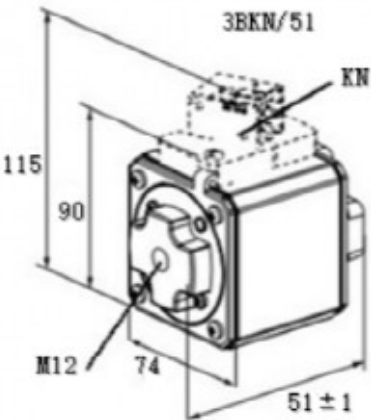
Dimensions 安装尺寸图(mm): 3B/51



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000AaR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气参数			
		3BKN Indicator for Micro 中部微动指示	Rating Ampere 电流 (A)	Pre-arcing 弧前 I²t (A²S)	Total 熔断 I²t @ 660V(A²S)	Watts Loss 功耗 (W)
3BKN/51	190M6458	KSP3-500A/690VAC3BKN/51aR100KA	500A	14KA²S	95KA²S	95W
	190M6459	KSP3-550A/690VAC3BKN/51aR100KA	550A	19KA²S	135KA²S	100W
	190M6460	KSP3-630A/690VAC3BKN/51aR100KA	630A	31KA²S	210KA²S	105W
	190M6461	KSP3-700A/690VAC3BKN/51aR100KA	700A	44KA²S	300KA²S	110W
	190M6462	KSP3-800A/690VAC3BKN/51aR100KA	800A	69KA²S	465KA²S	115W
	190M6463	KSP3-900A/690VAC3BKN/51aR100KA	900A	100KA²S	670KA²S	120W
	190M6464	KSP3-1000A/690VAC3BKN/51aR100KA	1000A	140KA²S	945KA²S	125W
	190M6465	KSP3-1100A/690VAC3BKN/51aR100KA	1100A	190KA²S	1300KA²S	130W
	190M6466	KSP3-1250A/690VAC3BKN/51aR100KA	1250A	290KA²S	1950KA²S	140W
	190M6467	KSP3-1400A/690VAC3BKN/51aR100KA	1400A	370KA²S	2450KA²S	155W
	190M6468	KSP3-1500A/690VAC3BKN/51aR100KA	1500A	460KA²S	3100KA²S	160W
	190M6469	KSP3-1600A/690VAC3BKN/51aR100KA	1600A	580KA²S	3900KA²S	160W
	190M6470	KSP3-1800A/600VAC3BKN/51aR100KA	1800A	880KA²S	5250KA²S	165W
	190M6471	KSP3-2000A/550VAC3BKN/51aR100KA	2000A	1150KA²S	6350KA²S	175W

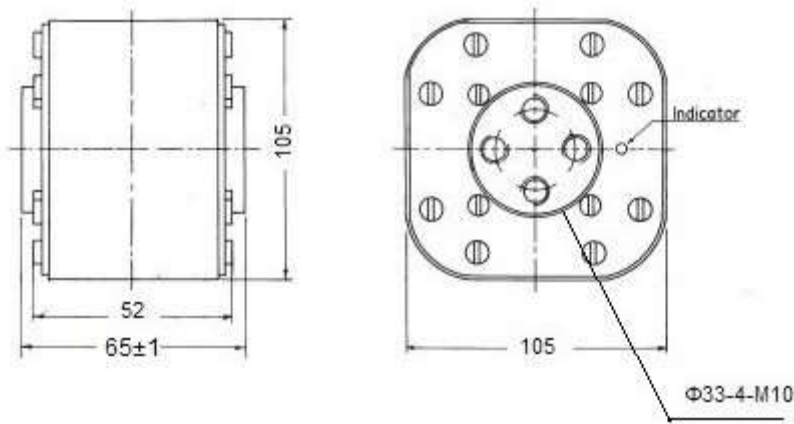
Dimensions 安装尺寸图(mm): 3BKN/51



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 1000A to 4000AaR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type	Electrical Characteristics				
		5B/65- Visual Indicator 顶部视觉指示	Rating Ampere 电流(A)	Pre-arcing 弧前 I²t (KA²S)	Total 熔断 I²t @660V (KA²S)	Watts Loss In 功耗(W)	Watts Loss 0.8In 功耗(W)
5B/65	190M7058	KSP54-1000A/690VAC5B/65aR100KA	1000A	76KA²S	505KA²S	270W	135W
	190M7059	KSP54-1250A/690VAC5B/65aR100KA	1250A	145KA²S	965KA²S	290W	140W
	190M7060	KSP54-1400A/690VAC5B/65aR100KA	1400A	205KA²S	1400KA²S	300W	150W
	190M7061	KSP54-1600A/690VAC5B/65aR100KA	1600A	305KA²S	2050KA²S	320W	160W
	190M7062	KSP54-2000A/690VAC5B/65aR100KA	2000A	600KA²S	3950KA²S	350W	175W
	190M7063	KSP54-2500A/690VAC5B/65aR100KA	2500A	1200KA²S	7800KA²S	405W	203W
	190M7064	KSP54-3000A/690VAC5B/65aR100KA	3000A	2000KA²S	13500KA²S	440W	220W
	190M7065	KSP54-3500A/690VAC5B/65aR100KA	3500A	3250KA²S	22000KA²S	480W	240W
	190M7066	KSP54-4000A/600VAC5B/65aR100KA	4000A	4700KA²S	28000KA²S	510W	255W

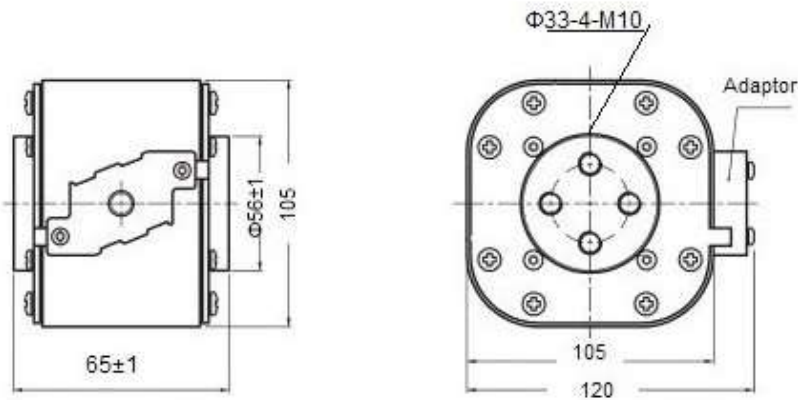
Dimensions 安装尺寸图(mm): 5B/65



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 1000A to 4000AaR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type	Electrical Characteristics电气参数				
		54BKN/65- Indicator for Micro 中部微动指示	Rating Ampere 电流(A)	Pre-arcing 弧前 I²t (KA²S)	Total 熔断 I²t @660V (KA²S)	Watts Loss In 功耗(W)	Watts Loss 0.8In 功耗(W)
5BKN/65	190M7078	KSP54-1000A/690VAC54BKN/65aR100KA	1000A	76KA²S	505KA²S	270W	135W
	190M7079	KSP54-1250A/690VAC54BKN/65aR100KA	1250A	145KA²S	965KA²S	290W	140W
	190M7080	KSP54-1400A/690VAC54BKN/65aR100KA	1400A	205KA²S	1400KA²S	300W	150W
	190M7081	KSP54-1600A/690VAC54BKN/65aR100KA	1600A	305KA²S	2050KA²S	320W	160W
	190M7082	KSP54-2000A/690VAC54BKN/65aR100KA	2000A	600KA²S	3950KA²S	350W	175W
	190M7083	KSP54-2500A/690VAC54BKN/65aR100KA	2500A	1200KA²S	7800KA²S	405W	203W
	190M7084	KSP54-3000A/690VAC54BKN/65aR100KA	3000A	2000KA²S	13500KA²S	440W	220W
	190M7085	KSP54-3500A/690VAC54BKN/65aR100KA	3500A	3250KA²S	22000KA²S	480W	240W
	190M7086	KSP54-4000A/600VAC54BKN/65aR100KA	4000A	4700KA²S	28000KA²S	510W	255W

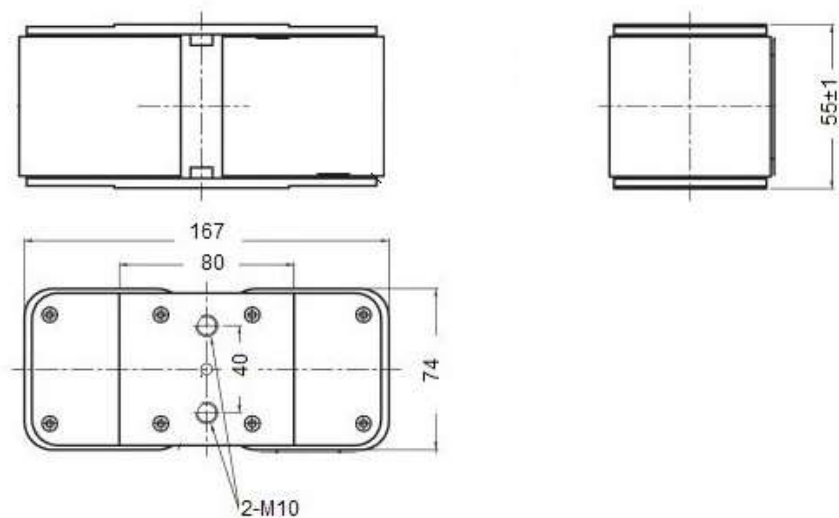
Dimensions 安装尺寸图(mm): 5BKN/65



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 1000A to 4000AaR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气参数				
		23BU/55 Visual Indicator顶部视觉指示	Rating Voltage 电压(V)	Rating Ampere 电流 (A)	Pre-arcing 弧前 I²t (KA²S)	Total 熔断 I²t @ 660V(KA²S)	Watts Loss 功耗(W)
23B/55	190M6858	KSH23-1000A/660VAC23B/55aR100KA	660VAC	1000A	79KA²S	530KA²S	220W
	190M6859	KSH23-1100A/660V2323B/55aR100KA		1100A	95KA²S	635KA²S	225W
	190M6860	KSH23-1250A/660V2323B/55aR100KA		1250A	155KA²S	1050KA²S	230W
	190M6861	KSH23-1400A/660VAC23B/55aR100KA		1400A	200KA²S	1350KA²S	240W
	190M6862	KSH23-1500A/660VAC23B/55aR100KA		1500A	240KA²S	1650KA²S	245W
	190M6863	KSH23-1600A/660VAC23B/55aR100KA		1600A	315KA²S	2150KA²S	250W
	190M6864	KSH23-1800A/660VAC23B/55aR100KA		1800A	450KA²S	3050KA²S	250W
	190M6865	KSH23-2000A/660VAC23B/55aR100KA		2000A	625KA²S	4200KA²S	280W
	190M6866	KSH23-2200A/660VAC23B/55aR100KA		2200A	805KA²S	5400KA²S	280W
	190M6867	KSH23-2500A/660VAC23B/55aR100KA		2500A	1250KA²S	8350KA²S	310W
	190M6868	KSH23-3000A/660VAC23B/55aR100KA		3000A	2250KA²S	15500KA²S	340W
	190M6869	KSH23-3500A/600VAC23B/55aR100KA	600VAC	3500A	3450KA²S	21000KA²S	370W
	190M6870	KSH23-4000A/500VAC23B/55aR100KA	550VAC	4000A	5000KA²S	27500KA²S	410W

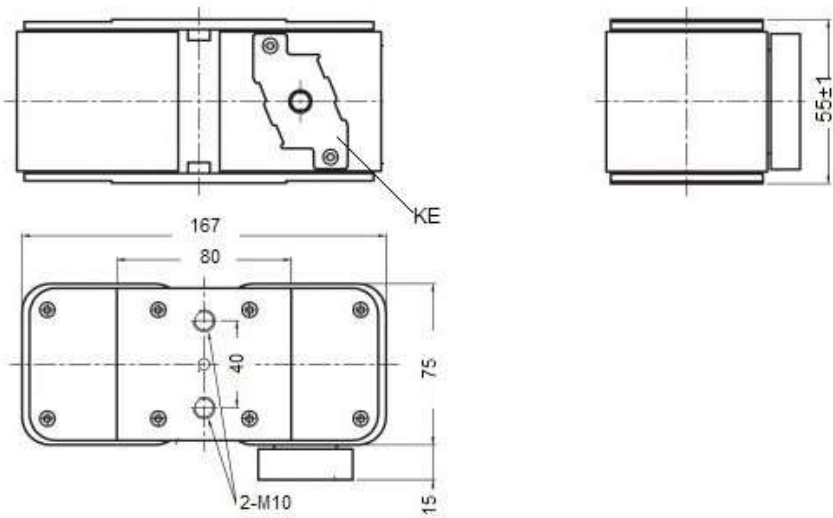
Dimensions 安装尺寸图(mm): 23B/55



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 1000A to 4000AaR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气参数				
		23BKE/55 Type K Indicator 中部微动指示	Rating Voltage 电压(V)	Rating Ampere 电流 (A)	Pre-arcing 弧前 I²t (KA²S)	Total 熔断 I²t @660V (KA²S)	Watts Loss 功耗(W)
23BKE/55	190M6898	KSH23-1000A/660VAC23BKE/55aR100KA	660VAC	1000A	79KA²S	530KA²S	220W
	190M6899	KSH23-1100A/660V2323BKE/55aR100KA		1100A	95KA²S	635KA²S	225W
	190M6900	KSH23-1250A/660V2323BKE/55aR100KA		1250A	155KA²S	1050KA²S	230W
	190M6901	KSH23-1400A/660VAC23BKE/55aR100KA		1400A	200KA²S	1350KA²S	240W
	190M6902	KSH23-1500A/660VAC23BKE/55aR100KA		1500A	240KA²S	1650KA²S	245W
	190M6903	KSH23-1600A/660VAC23BKE/55aR100KA		1600A	315KA²S	2150KA²S	250W
	190M6904	KSH23-1800A/660VAC23BKE/55aR100KA		1800A	450KA²S	3050KA²S	250W
	190M6905	KSH23-2000A/660VAC23BKE/55aR100KA		2000A	625KA²S	4200KA²S	280W
	190M6906	KSH23-2200A/660VAC23BKE/55aR100KA		2200A	805KA²S	5400KA²S	280W
	190M6907	KSH23-2500A/660VAC23BKE/55aR100KA		2500A	1250KA²S	8350KA²S	310W
	190M6908	KSH23-3000A/660VAC23BKE/55aR100KA		3000A	2250KA²S	15500KA²S	340W
	190M6909	KSH23-3500A/600VAC23BKE/55aR100KA	600VAC	3500A	3450KA²S	21000KA²S	370W
	190M6910	KSH23-4000A/500VAC23BKE55/aR100KA	550VAC	4000A	5000KA²S	27500KA²S	410W

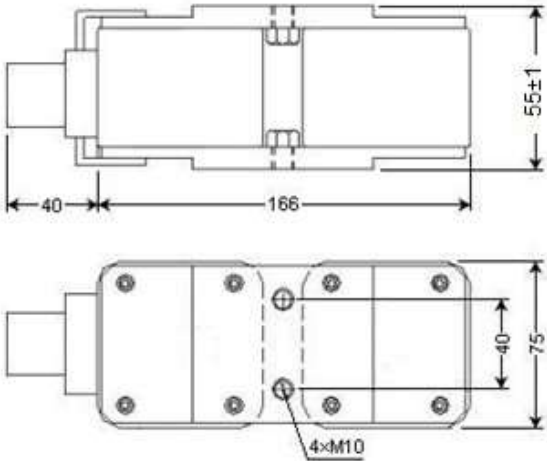
Dimensions 安装尺寸图(mm): 23BKE55



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 1000A to 4000AaR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气参数				
		23BKN/55 Type K Indicator 中部微动指示	Rating Voltage 电压(V)	Rating Ampere 电流 (A)	Pre-arcing 弧前 I²t (KA²S)	Total 熔断 I²t @660V (KA²S)	Watts Loss 功耗(W)
23BKN/55	190M6878	KSH23-1000A/660VAC23BKN/55aR100KA	660VAC	1000A	79KA²S	530KA²S	220W
	190M6879	KSH23-1100A/660V2323BKN/55aR100KA		1100A	95KA²S	635KA²S	225W
	190M6880	KSH23-1250A/660V2323BKN/55aR100KA		1250A	155KA²S	1050KA²S	230W
	190M6881	KSH23-1400A/660VAC23BKN/55aR100KA		1400A	200KA²S	1350KA²S	240W
	190M6882	KSH23-1500A/660VAC23BKN/55aR100KA		1500A	240KA²S	1650KA²S	245W
	190M6883	KSH23-1600A/660VAC23BKN/55aR100KA		1600A	315KA²S	2150KA²S	250W
	190M6884	KSH23-1800A/660VAC23BKN/55aR100KA		1800A	450KA²S	3050KA²S	250W
	190M6885	KSH23-2000A/660VAC23BKN/55aR100KA		2000A	625KA²S	4200KA²S	280W
	190M6886	KSH23-2200A/660VAC23BKN/55aR100KA		2200A	805KA²S	5400KA²S	280W
	190M6887	KSH23-2500A/660VAC23BKN/55aR100KA		2500A	1250KA²S	8350KA²S	310W
	190M6888	KSH23-3000A/660VAC23BKN/55aR100KA	600VAC	3000A	2250KA²S	15500KA²S	340W
	190M6889	KSH23-3500A/600VAC23BKN/55aR100KA		3500A	3450KA²S	21000KA²S	370W
	190M6890	KSH23-4000A/500VAC23BKN/55aR100KA		4000A	5000KA²S	27500KA²S	410W

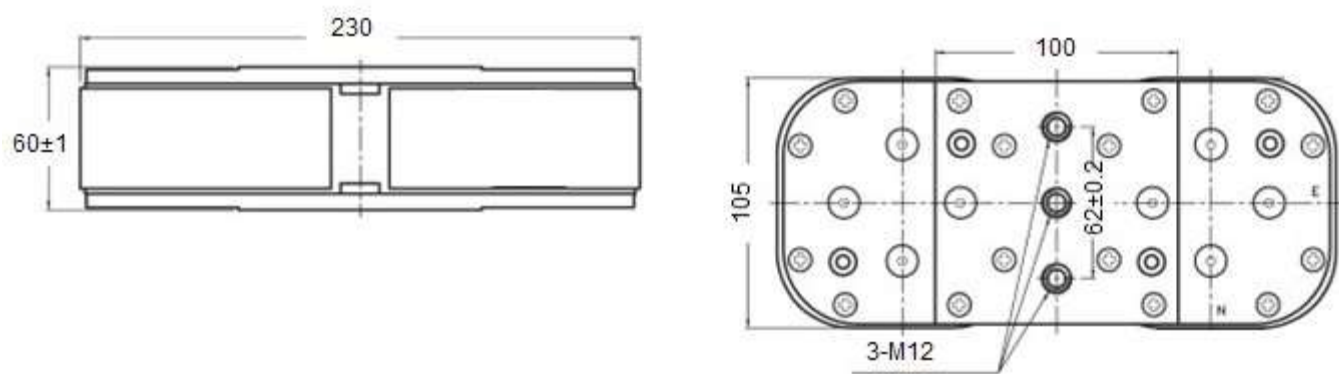
Dimensions 安装尺寸图(mm): : 23BKN/55



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 2000A to 7500AaR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气参数				
		25B/60 Visual Indicator视觉指示	Rating Voltage 电压(V)	Rating Ampere 电流(A)	Pre-arcing 弧前 I²t (KA²S)	Total 熔断 I²t @660V (KA²S)	Watts Loss 功耗(W)
25B//60	190M7138	KSH25-2000A/690VAC25B/60aR100KA	690VAC	2000A	340KA²S	2300KA²S	340W
	190M7139	KSH25-2500A/690VAC25B/600aR100KA		2500A	650KA²S	4350KA²S	390W
	190M7140	KSH25-3000A/690VAC25B/600aR100KA		3000A	1100KA²S	7300KA²S	430W
	190M7141	KSH25-3500A/690VAC25B/600aR100KA		3500A	1800KA²S	12000KA²S	460W
	190M7142	KSH25-4000A/690VAC25B/600aR100KA		4000A	2700KA²S	18000KA²S	490W
	190M7143	KSH25-4500A/690VAC25B/600aR100KA		4500A	3800KA²S	22500KA²S	520W
	190M7144	KSH25-5000A/690VAC25B/600aR100KA		5000A	5450KA²S	36500KA²S	540W
	190M7145	KSH25-5500A/690VAC25B/600aR100KA		5500A	7400KA²S	4950KA²S	560W
	190M7146	KSH25-6000A/690VAC25B/600aR100KA		6000A	9600KA²S	64000KA²S	580W
	190M7147	KSH25-6500A/690VAC25B/600aR100KA		6500A	12500KA²S	83000KA²S	600W
	190M7148	KSH25-7000A/690VAC25B/600aR100KA		7000A	15000KA²S	100000KA²S	630W
	190M7149	KSH25-7500A/500VAC25B/600aR100KA	500VAC	7500A	18500KA²S	93000KA²S	660W

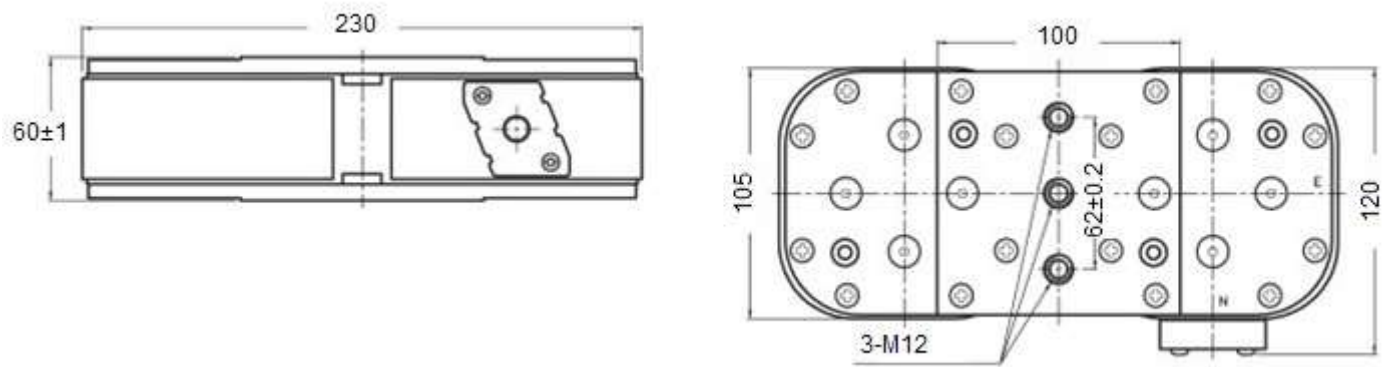
Dimensions 安装尺寸图(mm): : 25B/60



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 2000A to 7500AaR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气参数				
		25BKE/60 Type K Indicator 中部微动指示	Rating Voltage 电压(V)	Rating Ampere 电流 (A)	Pre-arcing 弧前 I²t (KA²S)	Total 熔断 I²t @660V (KA²S)	Watts Loss 功耗(W)
25BKE/60	190M7178	KSH25-2000A/690VAC25BKE/60aR100KA	690VAC	2000A	340KA²S	2300KA²S	340W
	190M7179	KSH25-2500A/690VAC25BKE/60aR100KA		2500A	650KA²S	4350KA²S	390W
	190M7180	KSH25-3000A/690VAC25BKE/60aR100KA		3000A	1100KA²S	7300KA²S	430W
	190M7181	KSH25-3500A/690VAC25BKE/60aR100KA		3500A	1800KA²S	12000KA²S	460W
	190M7182	KSH25-4000A/690VAC25BKE/60aR100KA		4000A	2700KA²S	18000KA²S	490W
	190M7183	KSH25-4500A/690VAC25BKE/60aR100KA		4500A	3800KA²S	22500KA²S	520W
	190M7184	KSH25-5000A/690VAC25BKE/60aR100KA		5000A	5450KA²S	36500KA²S	540W
	190M7185	KSH25-5500A/690VAC25BKE/60aR100KA		5500A	7400KA²S	4950KA²S	560W
	190M7186	KSH25-6000A/690VAC25BKE/60aR100KA		6000A	9600KA²S	64000KA²S	580W
	190M7187	KSH25-6500A/690VAC25BKE/60aR100KA		6500A	12500KA²S	83000KA²S	600W
	190M7188	KSH25-7000A/690VAC25BKE/60aR100KA		7000A	15000KA²S	100000KA²S	630W
	190M7189	KSH25-7500A/500VAC25BKE/60aR100KA	500VAC	7500A	18500KA²S	93000KA²S	660W

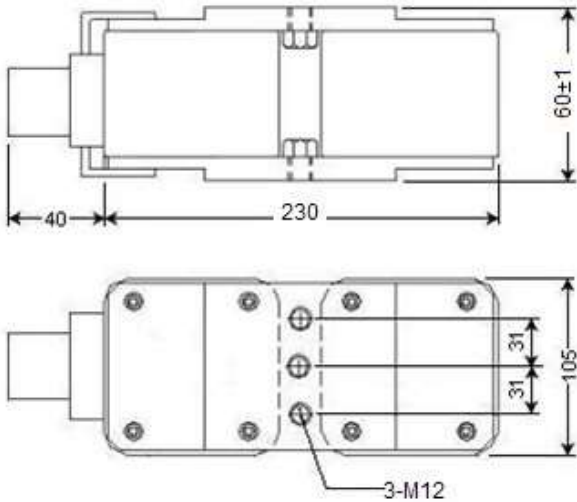
Dimensions 安装尺寸图(mm): 25BK-/60



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 2000A to 7500AaR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气参数				
		25BKN/60 Type K Indicator 中部微动指示	Rating Voltage 电压(V)	Rating Ampere 电流(A)	Pre-arcing 弧前 I²t (KA²S)	Total 熔断 I²t @660V (KA²S)	Watts Loss 功耗(W)
25BKN60	190M7158	KSH25-2000A/690VAC25BKN/60aR100KA	690VAC	2000A	340KA²S	2300KA²S	340W
	190M7159	KSH25-2500A/690VAC25BKN/60aR100KA		2500A	650KA²S	4350KA²S	390W
	190M7160	KSH25-3000A/690VAC25BKN/60aR100KA		3000A	1100KA²S	7300KA²S	430W
	190M7161	KSH25-3500A/690VAC25BKN/60aR100KA		3500A	1800KA²S	12000KA²S	460W
	190M7162	KSH25-4000A/690VAC25BKN/60aR100KA		4000A	2700KA²S	18000KA²S	490W
	190M7163	KSH25-4500A/690VAC25BKN/60aR100KA		4500A	3800KA²S	22500KA²S	520W
	190M7164	KSH25-5000A/690VAC25BKN/60aR100KA		5000A	5450KA²S	36500KA²S	540W
	190M7165	KSH25-5500A/690VAC25BKN/60aR100KA		5500A	7400KA²S	4950KA²S	560W
	190M7166	KSH25-6000A/690VAC25BKN/60aR100KA		6000A	9600KA²S	64000KA²S	580W
	190M7167	KSH25-6500A/690VAC25BKN/60aR100KA		6500A	12500KA²S	83000KA²S	600W
	190M7168	KSH25-7000A/690VAC25BKN/60aR100KA		7000A	15000KA²S	100000KA²S	630W
	190M7169	KSH25-7500A/500VAC25BKN/60aR100KA	500VAC	7500A	18500KA²S	93000KA²S	660W

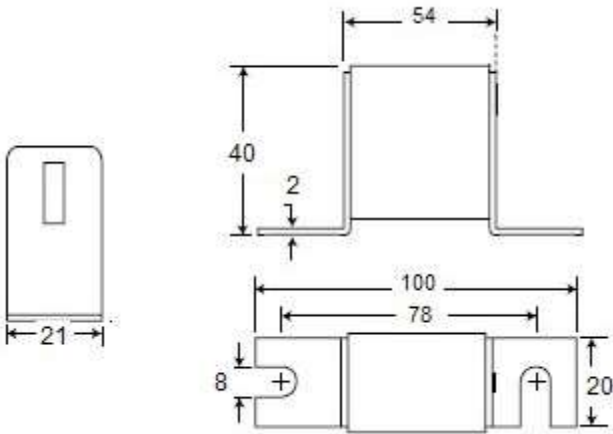
Dimensions 安装尺寸图(mm): 25BKN/60



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围: from 10A to 315A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics Electrical Characteristics 电气特性			
		80/without Indicator 无指示信号	Ampere Rating 电流(A)	Pre-arcing 弧前 I²t (A²S)	Total 熔断 I²t @ 660V(A²S)	Power 功耗 Pn(W)
000/80 无指示	190M1308	KSZ00-10A/690VAC000/80aR100KA	10A	3.8A²S	25.5A²S	3.0W
	190M1309	KSZ000-16A/690VAC000/80aR100KA	16A	7.2A²S	48A²S	5.5W
	190M1310	KSZ000-20A/690VAC000/80aR100KA	20A	11.5A²S	78A²S	7W
	190M1311	KSZ000-25A/690VAC000/80aR100KA	25A	19A²S	130A²S	9W
	190M1312	KSZ000-32A/690VAC000/80aR100KA	32A	40A²S	270A²S	10W
	190M1313	KSZ000-40A/690VAC000/80aR100KA	40A	69A²S	460A²S	12W
	190M1314	KSZ000-50A/690VAC000/80aR100KA	50A	115A²S	770A²S	15W
	190M1315	KSZ000-63A/690VAC000/80aR100KA	63A	215A²S	1450A²S	16W
	190M1316	KSZ000-80A/690VAC000/80aR100KA	80A	380A²S	2550A²S	19W
	190M1317	KSZ000-100A/690VAC000/80aR100KA	100A	695A²S	4650A²S	24W
	190M1318	KSZ000-125A/690VAC000/80aR100KA	125A	1200A²S	8500A²S	28W
	190M1319	KSZ000-160A/690VAC000/80aR100KA	160A	2300A²S	16000A²S	32W
	190M1321	KSZ000-200A/690VAC000/80aR100KA	200A	4200A²S	28000A²S	37W
	190M1321	KSZ000-250A/690VAC000/80aR100KA	250A	7750A²S	51500A²S	42W
	190M1322	KSZ000-315A/690VAC000/80aR100KA	315A	12000A²S	80500A²S	52W

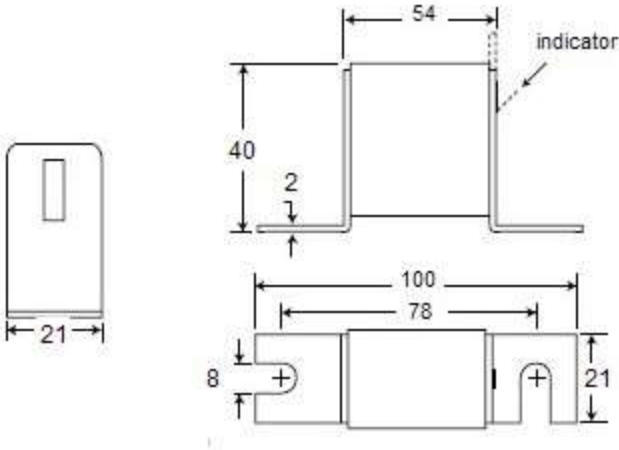
Dimensions 安装尺寸图(mm): 000W80



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 10A to 315A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电特性			
		80/Visual Indicator 顶部视觉指示	Ampere Rating 电流(A)	Pre-arcing 弧前 I²t (A²S)	Total 熔断 I²t @ 660V(A²S)	Power 功耗 Pn(W)
000U80 顶部 视觉指示	190M1358	KSZ000-10A/690VAC000U80aR100KA	10A	3.8A²S	25.5A²S	3.0W
	190M1359	KSZ000-16A/690VAC000U80aR100KA	16A	7.2A²S	48A²S	5.5W
	190M1360	KSZ000-20A/690VAC000U80aR100KA	20A	11.5A²S	78A²S	7W
	190M1361	KSZ000-25A/690VAC000U80aR100KA	25A	19A²S	130A²S	9W
	190M1362	KSZ000-32A/690VAC000U80aR100KA	32A	40A²S	270A²S	10W
	190M1363	KSZ000-40A/690VAC000U80aR100KA	40A	69A²S	460A²S	12W
	190M1364	KSZ000-50A/690VAC000U80aR100KA	50A	115A²S	770A²S	15W
	190M1365	KSZ000-63A/690VAC000U80aR100KA	63A	215A²S	1450A²S	16WW
	190M1366	KSZ000-80A/690VAC000U80aR100KA	80A	380A²S	2550A²S	19W
	190M1367	KSZ000-100A/690VAC000U80aR100KA	100A	695A²S	4650A²S	24W
	190M1368	KSZ000-125A/690VAC000U80aR100KA	125A	1200A²S	8500A²S	28W
	190M1369	KSZ000-160A/690VAC000U80aR100KA	160A	2300A²S	16000A²S	32W
	190M1370	KSZ000-200A/690VAC000U80aR100KA	200A	4200A²S	28000A²S	37W
	190M1371	KSZ000-250A/690VAC000U80aR100KA	250A	7750A²S	51500A²S	42W
	190M1372	KSZ000-315A/690VAC000U80aR100KA	315A	12000A²S	80500A²S	52W

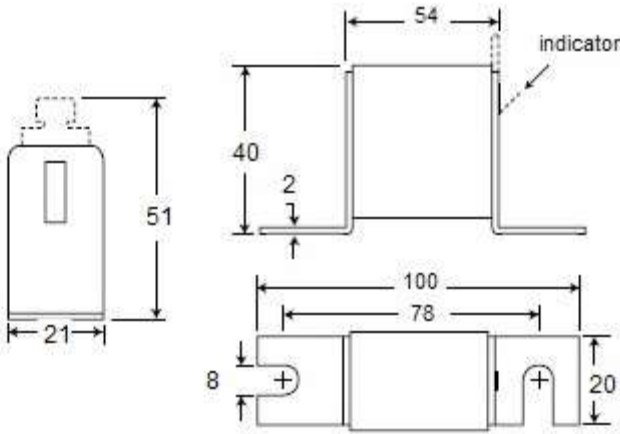
Dimensions 安装尺寸图(mm): 000U80



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 10A to 315A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		000TN80/Indicator Micro 顶部微动指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V(A²S)	Power Pn(W)
000TN80 顶部 微动指示	190M1408	KSZ000-10A/690VAC000TN80aR100KAaR100KA	10A	3.8A²S	25.5A²S	3.0W
	190M1409	KSZ000-16A/690VAC000TN80aR100KAaR100KA	16A	7.2A²S	48A²S	5.5W
	190M1410	KSZ000-20A/690VAC000TN80aR100KAaR100KA	20A	11.5A²S	78A²S	7W
	190M1411	KSZ000-25A/690V AC000TN80aR100KAaR100KA	25A	19A²S	130A²S	9W
	190M1412	KSZ000-32A/690VAC000TN80aR100KAaR100KA	32A	40A²S	270A²S	10W
	190M1413	KSZ000-40A/690VAC000TN80aR100KAaR100KA	40A	69A²S	460A²S	12W
	190M1414	KSZ000-50A/690VAC000TN80aR100KAaR100KA	50A	115A²S	770A²S	15W
	190M1415	KSZ000-63A/690VAC000TN80aR100KAaR100KA	63A	215A²S	1450A²S	16W
	190M1416	KSZ000-80A/690VAC000TN80aR100KAaR100KA	80A	380A²S	2550A²S	19W
	190M1417	KSZ000-100A/690VAC000TN80aR100KAaR100KA	100A	695A²S	4650A²S	24W
	190M1418	KSZ000-125A/690VAC000TN80aR100KAaR100KA	125A	1200A²S	8500A²S	28W
	190M1419	KSZ000-160A/690VAC000TN80aR100KAaR100KA	160A	2300A²S	16000A²S	32W
	190M1420	KSZ000-200A/690VAC000TN80aR100KAaR100KA	200A	4200A²S	28000A²S	37W
	190M1421	KSZ000-250A/690VAC000TN80aR100KAaR100KA	250A	7750A²S	51500A²S	42W
	190M1422	KSZ000-315A/690VAC000TN80aR100KAaR100KA	315A	12000A²S	80500A²S	52W

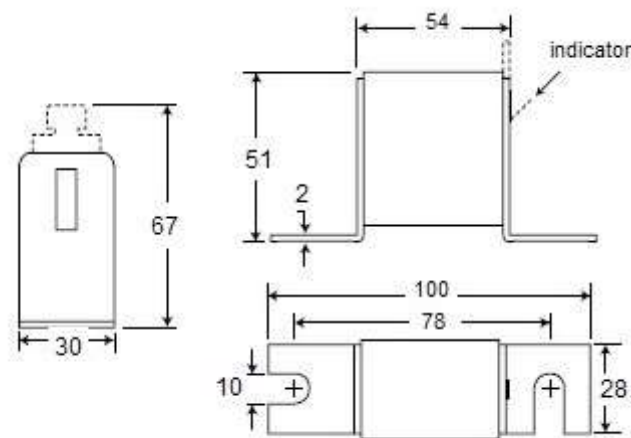
Dimensions 安装尺寸图(mm): 000TN/80



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 25A to 400A aR

Size 代码 瓷管	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		00U/80isual Indicator 视觉指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V(A²S)	Power Pn(W)
00U80 顶部 视觉指示	190M2608	KSZ00-25A/ 690VAC 00U80aR100KA	25A	19A²S	130A²S	6W
	190M2609	KSZ00-32A/ 690VAC 00U80aR100KA	32A	28.5A²S	195A²S	7W
	190M2610	KSZ00-40A/ 690VAC 00U80aR100KA	40A	50A²S	360A²S	9W
	190M2611	KSZ00-50A/ 690VAC 00U80aR100KA	50A	95A²S	640A²S	10W
	190M2612	KSZ00-63A/ 690VAC 00U80aR100KA	63A	170A²S	1200A²S	12W
	190M2613	KSZ00-80A/ 690VAC 00U80aR100KA	80A	310A²S	2100A²S	15W
	190M2614	KSZ00-100A/ 690VAC 00U80aR100KA	100A	620A²S	4150A²S	20W
	190M2615	KSZ00-125A/ 690VAC 00U80aR100KA	125A	1000A²S	6950A²S	25W
	190M2616	KSZ00-160A/ 690VAC 00U80aR100KA	160A	1900A²S	13000A²S	30W
	190M2617	KSZ00-200A/ 690VAC 00U80aR100KA	200A	3400A²S	23000A²S	35W
	190M2618	KSZ00-250A/ 690VAC 00U80aR100KA	250A	6250A²S	42000A²S	45W
	190M2619	KSZ00-315A/ 690VAC 00U80aR100KA	315A	10000A²S	68500A²S	55W
	190M2620	KSZ00-350A/ 690VAC 00U80aR100KA	350A	13500A²S	91500A²S	60W
	190M2621	KSZ00-400A/ 690VAC 00U80aR100KA	400A	18000A²S	125000A²S	70W

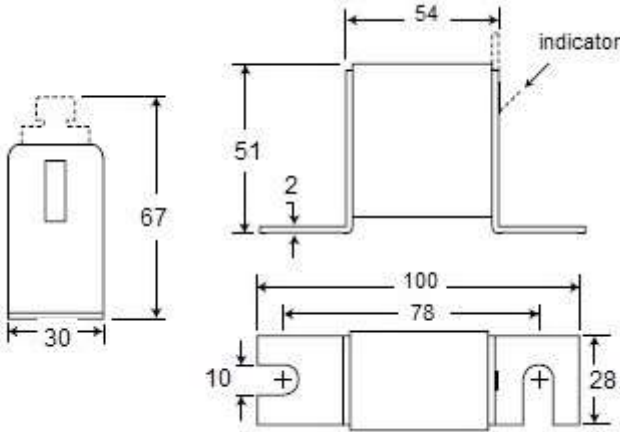
Dimensions 安装尺寸图(mm): 00U80



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 25A to 400A aR

Size	Catalog Numbers 订货号	Designation Type	Electrical Characteristics 电气特性			
		00TN80/Indicator Micro 型号规格	Ampere Rating(A)	Pre-arcing I²t (A²s)	Total I²t @ 660V(A²s)	Power Pn(W)
00TN80 顶部 微动指示	190M2658	KSZ00-25A/ 690VAC 00TN80aR100KA	25A	19A²S	130A²S	6W
	190M2659	KSZ00-32A/ 690VAC 00TN80aR100KA	32A	28.5A²S	195A²S	7W
	190M2660	KSZ00-40A/ 690VAC 00TN80aR100KA	40A	50A²S	360A²S	9W
	190M2661	KSZ00-50A/ 690VAC 00TN80aR100KA	50A	95A²S	640A²S	10W
	190M2662	KSZ00-63A/ 690VAC 00TN80aR100KA	63A	170A²S	1200A²S	12W
	190M2663	KSZ00-80A/ 690VAC 00TN80aR100KA	80A	310A²S	2100A²S	15W
	190M2664	KSZ00-100A/ 690VAC 00TN80aR100KA	100A	620A²S	4150A²S	20W
	190M2665	KSZ00-125A/ 690VAC 00TN80aR100KA	125A	1000A²S	6950A²S	25W
	190M2666	KSZ00-160A/ 690VAC 00TN80aR100KA	160A	1900A²S	13000A²S	30W
	190M2667	KSZ00-200A/ 690VAC 00TN80aR100KA	200A	3400A²S	23000A²S	35W
	190M2668	KSZ00-250A/ 690VAC 00TN80aR100KA	250A	6250A²S	42000A²S	45W
	190M2669	KSZ00-315A/ 690VAC 00TN80aR100KA	315A	10000A²S	68500A²S	55W
	190M2670	KSZ00-350A/ 690VAC 00TN80aR100KA	350A	13500A²S	91500A²S	60W
	190M2671	KSZ00-400A/ 690VAC 00TN80aR100KA	400A	18000A²S	125000A²S	70W

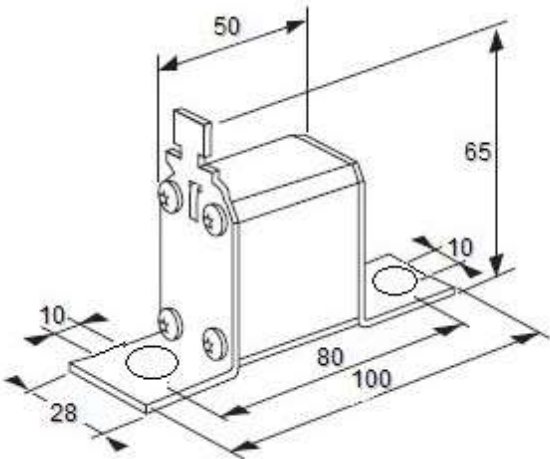
Dimensions 安装尺寸图(mm): 00TN80



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 25A to 400A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		00F80Visual Indicator 顶部视觉指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V(A²S)	Power P _n (W)
00U80 顶部 视觉指示	190M2708	RSF00- 25A/ 690VAC 00U80aR100KA	25A	19A²S	130A²S	6W
	190M2709	RSF00- 32A/ 690VAC 00U80aR100KA	32A	28.5A²S	195A²S	7W
	190M2710	RSF00- 40A/ 690VAC 00U80aR100KA	40A	50A²S	360A²S	9W
	190M2711	RSF00- 50A/ 690VAC 00U80aR100KA	50A	95A²S	640A²S	10W
	190M2712	RSF00- 63A/ 690VAC 00U80aR100KA	63A	170A²S	1200A²S	12W
	190M2713	RSF00- 80A/ 690VAC 00U80aR100KA	80A	310A²S	2100A²S	15W
	190M2714	RSF00- 100A/ 690VAC 00U80aR100KA	100A	620A²S	4150A²S	20W
	190M2715	RSF00- 125A/ 690VAC 00U80aR100KA	125A	1000A²S	6950A²S	25W
	190M2716	RSF00- 160A/ 690VAC 00U80aR100KA	160A	1900A²S	13000A²S	30W
	190M2717	RSF00- 200A/ 690VAC 00U80aR100KA	200A	3400A²S	23000A²S	35W
	190M2718	RSF00- 250A/ 690VAC 00U80aR100KA	250A	6250A²S	42000A²S	45W
	190M2719	RSF00- 315A/ 690VAC 00U80aR100KA	315A	10000A²S	68500A²S	55W
	190M2720	RSF00- 350A/ 690VAC 00U80aR100KA	350A	13500A²S	91500A²S	60W
	190M2721	RSF00- 400A/ 690VAC 00U80aR100KA	400A	18000A²S	125000A²S	70W

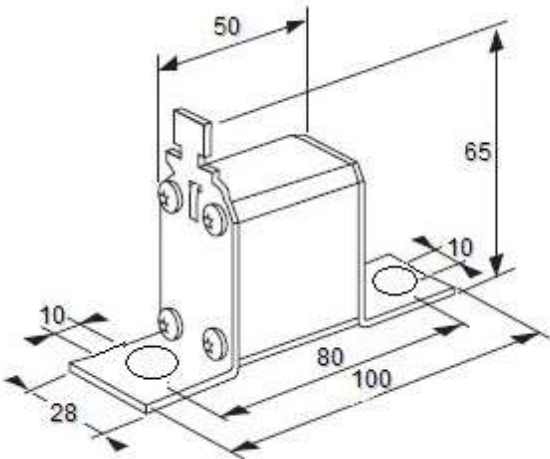
Dimensions 安装尺寸图(mm): 00U80



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 25A to 400A aR

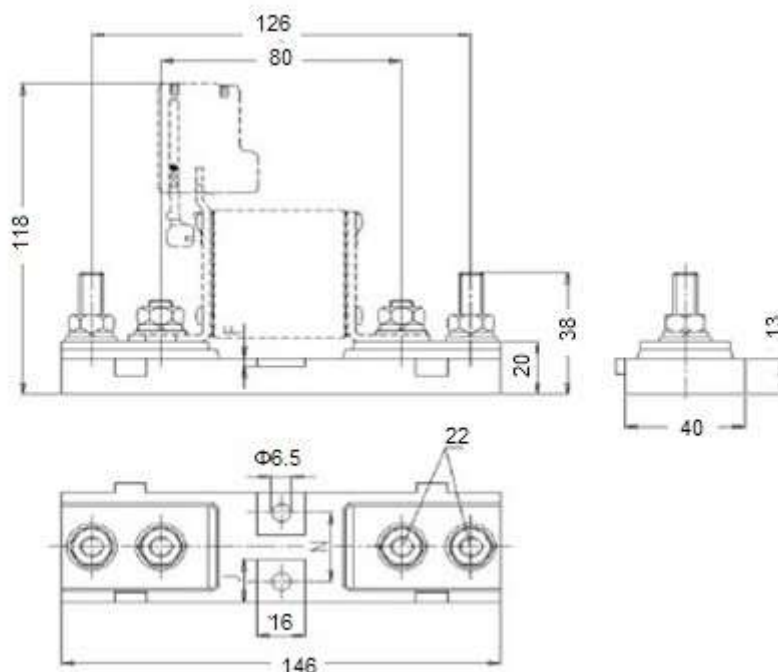
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		00F80Visual Indicator 顶部微动指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V(A²S)	Power P _n (W)
00TN80 顶部 微动指示	190M2758	RSF00-25A/ 690VAC00TN80aR100KA	25A	19A²S	130A²S	6W
	190M2759	RSF00-32A/ 690VAC00TN80aR100KA	32A	28.5A²S	195A²S	7W
	190M2760	RSF00-40A/ 690VAC00TN80aR100KA	40A	50A²S	360A²S	9W
	190M2761	RSF00-50A/ 690VAC00TN80aR100KA	50A	95A²S	640A²S	10W
	190M2762	RSF00-63A/ 690VAC00TN80aR100KA	63A	170A²S	1200A²S	12W
	190M2763	RSF00-80A/ 690VAC00TN80aR100KA	80A	310A²S	2100A²S	15W
	190M2764	RSF00-100A/ 690VAC00TN80aR100KA	100A	620A²S	4150A²S	20W
	190M2765	RSF00-125A/ 690VAC00TN80aR100KA	125A	1000A²S	6950A²S	25W
	190M2766	RSF00-160A/ 690VAC00TN80aR100KA	160A	1900A²S	13000A²S	30W
	190M2767	RSF00-200A/ 690VAC00TN80aR100KA	200A	3400A²S	23000A²S	35W
	190M2768	RSF00-250A/ 690VAC00TN80aR100KA	250A	6250A²S	42000A²S	45W
	190M2769	RSF00-315A/ 690VAC00TN80aR100KA	315A	10000A²S	68500A²S	55W
	190M2770	RSF00-350A/ 690VAC00TN80aR100KA	350A	13500A²S	91500A²S	60W
	190M2771	RSF00-400A/ 690VAC00TN80aR100KA	400A	18000A²S	125000A²S	70W

Dimensions 安装尺寸图(mm): 00TN80



Main Characteristics 技术参数 电压等级:690V~700VAC Fuse holder 底座 000U80 00TN80

Fuse holder Dimensions(mm):熔断器底座安装尺寸 FBZ00



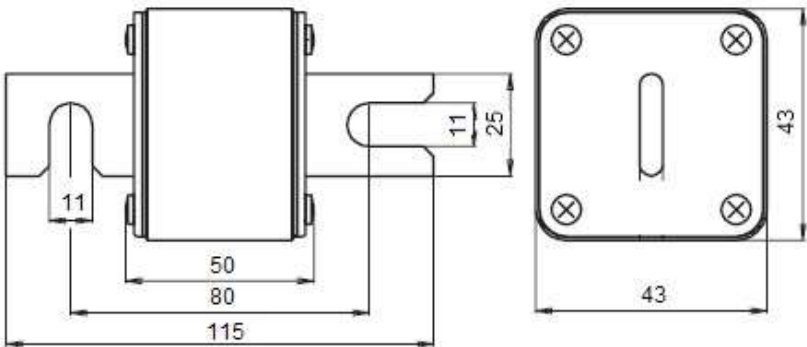
FBZ00- Fuse holder



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 40A to 630A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		0/80visual Indicator 无指示	Ampere Rating(A)	Pre-arcing I²t (A²s)	Total I²t @ 660V (A²s)	Power Pn(W)
0/80	190M3008	KSZ0-40A/690VAC0/80aR100KA	40A	40A²S	270A²S	9W
	190M3009	KSZ0-50A/690VAC0/80aR100KA	50A	77A²S	515A²S	11W
	190M3010	KSZ0-63A/690VAC0/80aR100KA	63A	115A²S	770A²S	14W
	190M3011	KSZ0-80A/690VAC0/80aR100KA	80A	185A²S	1250A²S	18W
	190M3012	KSZ0-100A/690VAC0/80aR100KA	100A	360A²S	2450A²S	21W
	190M3013	KSZ0-15A/690VAC0/80aR100KA	125A	550A²S	3700A²S	26W
	190M3014	KSZ0-160A/690VAC0/80aR100KA	160A	1100A²S	7500A²S	30W
	190M3015	KSZ0-200A/690VAC0/80aR100KA	200A	200A²S	2200A²S	35W
	190M3016	KSZ0-250A/690VAC0/80aR100KA	250A	4200A²S	28500A²S	40W
	190M3017	KSZ0-315A/690VAC0/80aR100KA	315A	7000A²S	46500A²S	50W
	190M3018	KSZ0-350A/690VAC0/80aR100KA	350A	10000A²S	68500A²S	55W
	190M3019	KSZ0-400A/690VAC0/80aR100KA	400A	15000A²S	105000A²S	60W
	190M3020	KSZ0-450A/690VAC0/80aR100KA	450A	21000A²S	140000A²S	65W
	190M3021	KSZ0-500A/690VAC0/80aR100KA	500A	27000A²S	180000A²S	70W
	190M3022	KSZ0-550A/690VAC0/80aR100KA	550A	34000A²S	230000A²S	75W
	190M3023	KSZ0-630A/690VAC0/80aR100KA	630A	48500A²S	325000A²S	80W

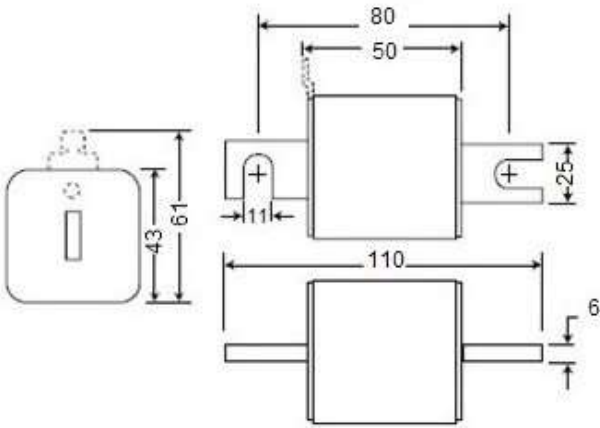
Dimensions 安装尺寸图(mm): 0/80



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 40A to 630A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气参数			
		TN80/Type T	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V (A²S)	Power Pn(W)
		Indicato for Micro 顶部指示				
0TN/80	190M3058	KSZ0- 40A/ 690VAC 0TN80aR100KA	40A	40A²S	270A²S	9W
	190M3059	KSZ0- 50A/ 690VAC 0TN80aR100KA	50A	77A²S	515A²S	11W
	190M3060	KSZ0- 63A/ 690VAC 0TN80aR100KA	63A	115A²S	770A²S	14W
	190M3061	KSZ0- 80A/ 690VAC 0TN80aR100KA	80A	185A²S	1250A²S	18W
	190M3062	KSZ0- 100A/ 690VAC 0TN80aR100KA	100A	360A²S	2450A²S	21W
	190M3063	KSZ0- 125A/ 690VAC 0TN80aR100KA	125A	550A²S	3700A²S	26W
	190M3064	KSZ0- 160A/ 690VAC 0TN80aR100KA	160A	1100A²S	7500A²S	30W
	190M3065	KSZ0- 200A/ 690VAC 0TN80aR100KA	200A	200A²S	2200A²S	35W
	190M3066	KSZ0- 250A/ 690VAC 0TN80aR100KA	250A	4200A²S	28500A²S	40W
	190M3067	KSZ0- 315A/ 690VAC 0TN80aR100KA	315A	7000A²S	46500A²S	50W
	190M3068	KSZ0- 350A/ 690VAC 0TN80aR100KA	350A	10000A²S	68500A²S	55W
	190M3069	KSZ0- 400A/ 690VAC 0TN80aR100KA	400A	15000A²S	105000A²S	60W
	190M3070	KSZ0- 450A/ 690VAC 0TN80aR100KA	450A	21000A²S	140000A²S	65W
	190M3071	KSZ0- 500A/ 690VAC 0TN80aR100KA	500A	27000A²S	180000A²S	70W
	190M3072	KSZ0- 550A/ 690VAC 0TN80aR100KA	550A	34000A²S	230000A²S	75W
	190M3073	KSZ0- 630A/ 690VAC 0TN80aR100KA	630A	48500A²S	325000A²S	80W

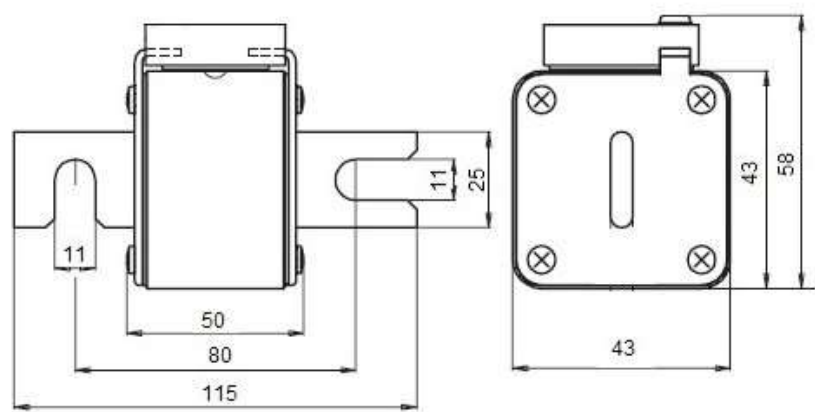
Dimensions 安装尺寸图: (mm):0TN/80



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 40A to 630A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		KN80/Type T Indicato for Micro 中部微动指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V (A²S)	Power P _n (W)
0KN/80	190M3108	KSZ0-40A/ 690VAC 0KN/80aR100KA	40A	40A²S	270A²S	9W
	190M3109	KSZ0-50A/ 690VAC 0KN/80aR100KA	50A	77A²S	515A²S	11W
	190M3110	KSZ0-63A/ 690VAC 0KN/80aR100KA	63A	115A²S	770A²S	14W
	190M3111	KSZ0-80A/ 690VAC 0KN/80aR100KA	80A	185A²S	1250A²S	18W
	190M3112	KSZ0-100A/ 690VAC 0KN/80aR100KA	100A	360A²S	2450A²S	21W
	190M3113	KSZ0-125A/ 690VAC 0KN/80aR100KA	125A	550A²S	3700A²S	26W
	190M3114	KSZ0-160A/ 690VAC 0KN/80aR100KA	160A	1100A²S	7500A²S	30W
	190M3115	KSZ0-200A/ 690VAC 0KN/80aR100KA	200A	200A²S	2200A²S	35W
	190M3116	KSZ0-250A/ 690VAC 0KN/80aR100KA	250A	4200A²S	28500A²S	40W
	190M3117	KSZ0-315A/ 690VAC 0KN/80aR100KA	315A	7000A²S	46500A²S	50W
	190M3118	KSZ0-350A/ 690VAC 0KN/80aR100KA	350A	10000A²S	68500A²S	55W
	190M3119	KSZ0-400A/ 690VAC 0KN/80aR100KA	400A	15000A²S	105000A²S	60W
	190M3120	KSZ0-450A/ 690VAC 0KN/80aR100KA	450A	21000A²S	140000A²S	65W
	190M3121	KSZ0-500A/ 690VAC 0KN/80aR100KA	500A	27000A²S	180000A²S	70W
	190M3122	KSZ0-550A/ 690VAC 0KN/80aR100KA	550A	34000A²S	230000A²S	75W
	190M3123	KSZ0-630A/ 690VAC 0KN/80aR100KA	630A	48500A²S	325000A²S	80W

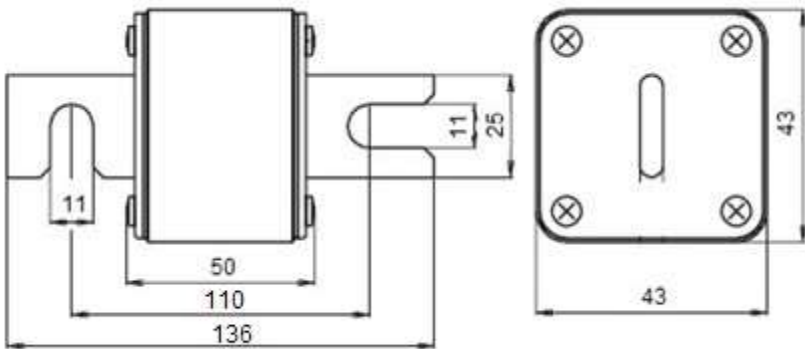
Dimensions 安装尺寸图: (mm):0KN/80



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 40A to 630A aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		110/visual Indicator 顶部视觉指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V (A²S)	Power Pn(W)
0/110	190M3158	KSZ0-40A/690VAC 0/110aR100KA	40AA	40A²S	270A²S	9W
	190M3159	KSZ0-50A/690VAC 0/110aR100KA	50A	77A²S	515A²S	11W
	190M3160	KSZ0-63A/690VAC 0/110aR100KA	63A	115A²S	770A²S	14W
	190M3161	KSZ0-80A/690VAC 0/110aR100KA	80A	185A²S	1250A²S	18W
	190M3162	KSZ0-100A/690VAC 0/110aR100KA	100A	360A²S	2450A²S	21W
	190M3163	KSZ0-125A/690VAC 0/110aR100KA	125A	550A²S	3700A²S	26W
	190M3164	KSZ0-160A/690VAC 0/110aR100KA	160A	1100A²S	7500A²S	30W
	190M3165	KSZ0-200A/690VAC 0/110aR100KA	200A	200A²S	2200A²S	35W
	190M3166	KSZ0-250A/690VAC 0/110aR100KA	250A	4200A²S	28500A²S	40W
	190M3167	KSZ0-315A/690VAC 0/110aR100KA	315A	7000A²S	46500A²S	50W
	190M3168	KSZ0-350A/690VAC 0/110aR100KA	350A	10000A²S	68500A²S	55W
	190M3169	KSZ0-400A/690VAC 0/110aR100KA	400A	15000A²S	105000A²S	60W
	190M3170	KSZ0-450A/690VAC 0/110aR100KA	450A	21000A²S	140000A²S	65W
	190M3171	KSZ0-500A/690VAC 0/110aR100KA	500A	27000A²S	180000A²S	70W
	190M3172	KSZ0-550A/690VAC 0/110aR100KA	550A	34000A²S	230000A²S	75W
	190M3173	KSZ0-630A/690VAC 0/110aR100KA	630A	48500A²S	325000A²S	80W

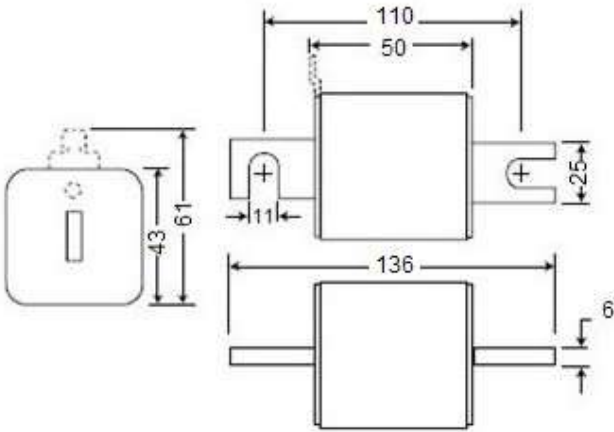
Dimensions 安装尺寸图: (mm):0/110



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 40A to 630A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		TN/110Type T Indicato for Micro 顶部微动指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V (A²S)	Power Pn(W)
OTN/110	190M3208	KSZ0-40A/690VAC0TN/110aR100KA	40A	40A²S	270A²S	9W
	190M3209	KSZ0-40A/690VAC0TN/110aR100KA	50A	77A²S	515A²S	11W
	190M3210	KSZ0-40A/690VAC0TN/110aR100KA	63A	115A²S	770A²S	14W
	190M3211	KSZ0-40A/690VAC0TN/110aR100KA	80A	185A²S	1250A²S	18W
	190M3212	KSZ0-40A/690VAC0TN/110aR100KA	100A	360A²S	2450A²S	21W
	190M3213	KSZ0-40A/690VAC0TN/110aR100KA	125A	550A²S	3700A²S	26W
	190M3214	KSZ0-40A/690VAC0TN/110aR100KA	160A	1100A²S	7500A²S	30W
	190M3215	KSZ0-40A/690VAC0TN/110aR100KA	200A	200A²S	2200A²S	35W
	190M3216	KSZ0-40A/690VAC0TN/110aR100KA	250A	4200A²S	28500A²S	40W
	190M3217	KSZ0-40A/690VAC0TN/110aR100KA	315A	7000A²S	46500A²S	50W
	190M3218	KSZ0-40A/690VAC0TN/110aR100KA	350A	10000A²S	68500A²S	55W
	190M3219	KSZ0-40A/690VAC0TN/110aR100KA	400A	15000A²S	105000A²S	60W
	190M3220	KSZ0-40A/690VAC0TN/110aR100KA	450A	21000A²S	140000A²S	65W
	190M3221	KSZ0-40A/690VAC0TN/110aR100KA	500A	27000A²S	180000A²S	70W
	190M3222	KSZ0-40A/690VAC0TN/110aR100KA	550A	34000A²S	230000A²S	75W
	190M3223	KSZ0-40A/690VAC0TN/110aR100KA	630A	48500A²S	325000A²S	80W

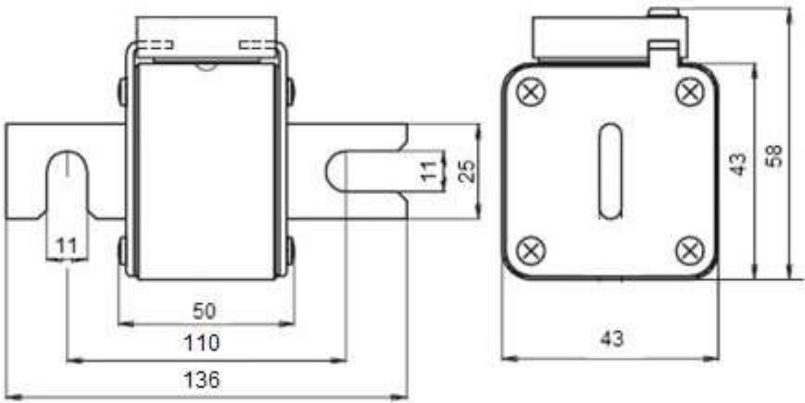
Dimensions 安装尺寸图: (mm):OTN/110



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 40A to 630A aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		KN/110Type T Indicato for Micro 中部微动指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V (A²S)	Power P _n (W)
0KN/110	190M3258	KSZ0-40A //690VAC0KN/110aR100KA	40A	40A²S	270A²S	9W
	190M3259	KSZ0-50A //690VAC0KN/110aR100KA	50A	77A²S	515A²S	11W
	190M3260	KSZ0-63A //690VAC0KN/110aR100KA	63A	115A²S	770A²S	14W
	190M3261	KSZ0-80A //690VAC0KN/110aR100KA	80A	185A²S	1250A²S	18W
	190M3262	KSZ0-100A //690VAC0KN/110aR100KA	100A	360A²S	2450A²S	21W
	190M3263	KSZ0-125A //690VAC0KN/110aR100KA	125A	550A²S	3700A²S	26W
	190M3264	KSZ0-160A //690VAC0KN/110aR100KA	160A	1100A²S	7500A²S	30W
	190M3265	KSZ0-200A //690VAC0KN/110aR100KA	200A	200A²S	2200A²S	35W
	190M3266	KSZ0-250A //690VAC0KN/110aR100KA	250A	4200A²S	28500A²S	40W
	190M3267	KSZ0-315A //690VAC0KN/110aR100KA	315A	7000A²S	46500A²S	50W
	190M3268	KSZ0-350A //690VAC0KN/110aR100KA	350A	10000A²S	68500A²S	55W
	190M3269	KSZ0-400A //690VAC0KN/110aR100KA	400A	15000A²S	105000A²S	60W
	190M3270	KSZ0-450A //690VAC0KN/110aR100KA	450A	21000A²S	140000A²S	65W
	190M3271	KSZ0-500A //690VAC0KN/110aR100KA	500A	27000A²S	180000A²S	70W
	190M3272	KSZ0-550A //690VAC0KN/110aR100KA	550A	34000A²S	230000A²S	75W
	190M3273	KSZ0-630A //690VAC0KN/110aR100KA	630A	48500A²S	325000A²S	80W

Dimensions 安装尺寸图: (mm):0TN/110

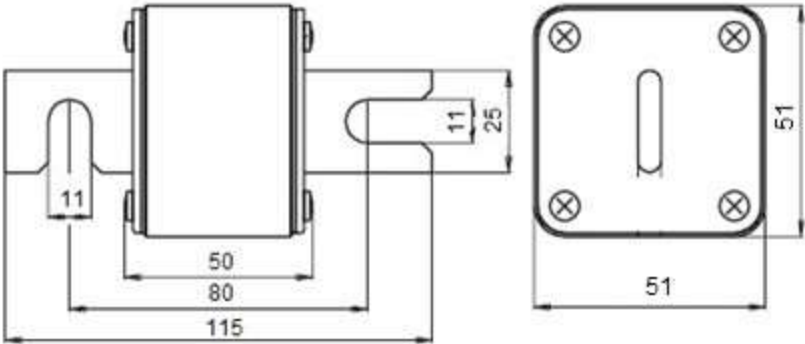


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 200A to 900A aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		1/80visual Indicator 无指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V (A²S)	Power Pn(W)
1/80	190M4008	KSZ1- 200A //690VAC1/80aR100KA	200A	1650A²S	11500A²S	45W
	190M4009	KSZ1- 250A //690VAC1/80aR100KA	250A	3100A²S	21000A²S	55W
	190M4010	KSZ1- 315A //690VAC1/80aR100KA	315A	6200A²S	42000A²S	58W
	190M4011	KSZ1- 350A //690VAC1/80aR100KA	350A	8500A²S	59000A²S	60W
	190M4012	KSZ1- 400A //690VAC1/80aR100KA	400A	13500A²S	91500A²S	65W
	190M4013	KSZ1- 450A //690VAC1/80aR100KA	450A	17000A²S	120000A²S	70W
	190M4014	KSZ1- 500A //690VAC1/80aR100KA	500A	25000A²S	170000A²S	72W
	190M4015	KSZ1- 550A //690VAC1/80aR100KA	550A	34000A²S	230000A²S	75W
	190M4016	KSZ1- 630A //690VAC1/80aR100KA	630A	52000A²S	350000A²S	80W
	190M4017	KSZ1- 700A //690VAC1/80aR100KA	700A	69500A²S	465000A²S	85W
	190M4018	KSZ1- 800A //690VAC1/80aR100KA	800A	105000A²S	725000A²S	95W
	+190M4019	KSZ1- 900A/600VAC1/80aR100KA	+900A	155000A²S	*850000A²S	100W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):1/80

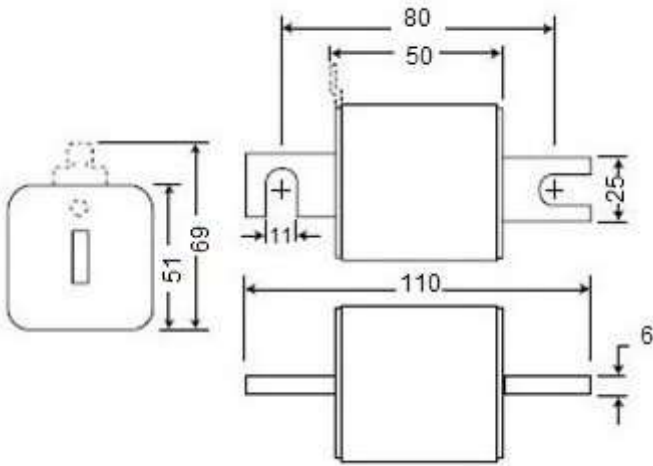


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 200A to 900A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		1TN/80visual 顶部微动指示 Type TIndicato for Micro	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V (A²S)	Power Pn(W)
1TN/80	190M4058	KSZ1-200A/690VAC1TN/80aR100KA	200A	1650A²S	11500A²S	45W
	190M4059	KSZ1-250A/690VAC1TN/80aR100KA	250A	3100A²S	21000A²S	55W
	190M4060	KSZ1-315A/690VAC1TN/80aR100KA	315A	6200A²S	42000A²S	58W
	190M4061	KSZ1-350A/690VAC1TN/80aR100KA	350A	8500A²S	59000A²S	60W
	190M4062	KSZ1-400A/690VAC1TN/80aR100KA	400A	13500A²S	91500A²S	65W
	190M4063	KSZ1-450A/690VAC1TN/80aR100KA	450A	17000A²S	120000A²S	70W
	190M4064	KSZ1-500A/690VAC1TN/80aR100KA	500A	25000A²S	170000A²S	72W
	190M4065	KSZ1-550A/690VAC1TN/80aR100KA	550A	34000A²S	230000A²S	75W
	190M4066	KSZ1-630A/690VAC1TN/80aR100KA	630AA	52000A²S	350000A²S	80W
	190M4067	KSZ1-700A/690VAC1TN/80aR100KA	700A	69500A²S	465000A²S	85W
	190M4068	KSZ1-800A/690VAC1TN/80aR100KA	800A	105000A²S	725000A²S	95WW
	+190M4069	KSZ1-900A/600VAC1TN/80aR100KA	+900A	155000A²S	*850000A²S	100

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):1TN/80

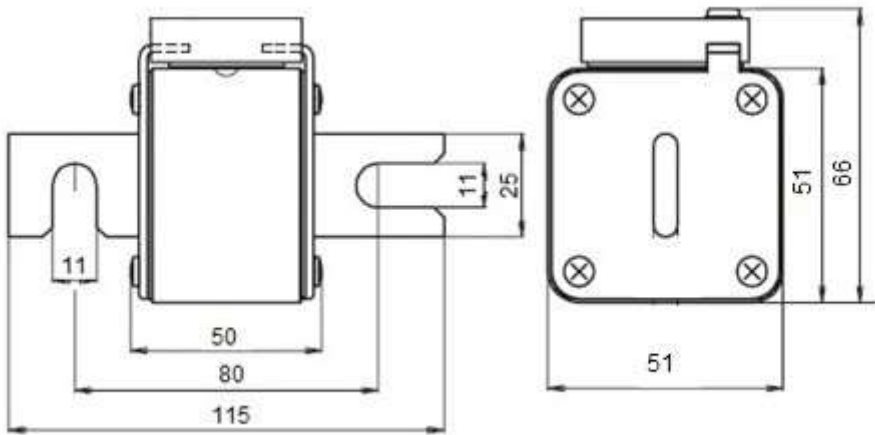


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 200A to 900A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		1KN/80visual Type Indicato for Micro 中部微动指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V (A²S)	Power P _n (W)
1KN/80	190M4108	KSZ1-200A/690VAC1KN/80aR100KA	200A	1650A²S	11500A²S	45W
	190M4109	KSZ1-250A/690VAC1KN/80aR100KA	250A	3100A²S	21000A²S	55W
	190M4110	KSZ1-315A/690VAC1KN/80aR100KA	315A	6200A²S	42000A²S	58W
	190M4111	KSZ1-350A/690VAC1KN/80aR100KA	350A	8500A²S	59000A²S	60W
	190M4112	KSZ1-400A/690VAC1KN/80aR100KA	400A	13500A²S	91500A²S	65W
	190M4113	KSZ1-450A/690VAC1KN/80aR100KA	450A	17000A²S	120000A²S	70W
	190M4114	KSZ1-500A/690VAC1KN/80aR100KA	500A	25000A²S	170000A²S	72W
	190M4115	KSZ1-550A/690VAC1KN/80aR100KA	550A	34000A²S	230000A²S	75W
	190M4116	KSZ1-630A/690VAC1KN/80aR100KA	630A	52000A²S	350000A²S	80W
	190M4117	KSZ1-700A/690VAC1KN/80aR100KA	700A	69500A²S	465000A²S	85W
	190M4118	KSZ1-800A/690VAC1KN/80aR100KA	800A	105000A²S	725000A²S	95W
	+190M4119	KSZ1-900A/600VAC1KN/80aR100KA	+900A	155000A²S	*850000A²S	100W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):1KN/80

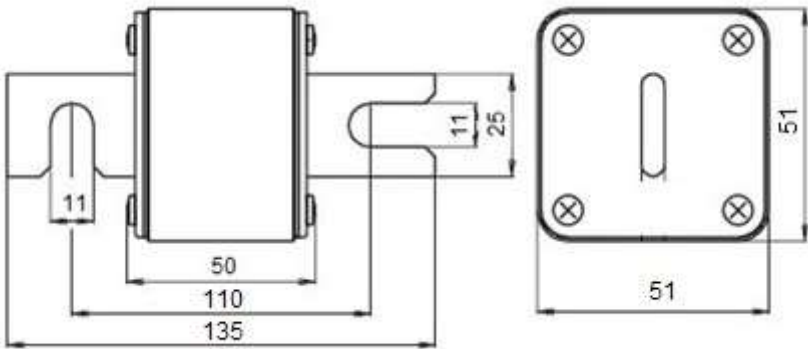


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 200A to 900A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		110/visual Indicator 无指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V (A²S)	Power P _n (W)
1/110	190M4158	KSZ1-200A/690VAC1/110aR100KA	200A	1650A²S	11500A²S	45W
	190M4159	KSZ1-250A/690VAC1/110aR100KA	250A	3100A²S	21000A²S	55W
	190M4160	KSZ1-315A/690VAC1/110aR100KA	315A	6200A²S	42000A²S	58W
	190M4161	KSZ1-350A/690VAC1/110aR100KA	350A	8500A²S	59000A²S	60W
	190M4162	KSZ1-400A/690VAC1/110aR100KA	400A	13500A²S	91500A²S	65W
	190M4163	KSZ1-450A/690VAC1/110aR100KA	450A	17000A²S	120000A²S	70W
	190M4164	KSZ1-500A/690VAC1/110aR100KA	500A	25000A²S	170000A²S	72W
	190M4165	KSZ1-550A/690VAC1/110aR100KA	550A	34000A²S	230000A²S	75W
	190M4166	KSZ1-630A/690VAC1/110aR100KA	630A	52000A²S	350000A²S	80W
	190M4167	KSZ1-700A/690VAC1/110aR100KA	700A	69500A²S	465000A²S	85W
	190M4168	KSZ1-800A/690VAC1/110aR100KA	800A	105000A²S	725000A²S	95W
	190M4169	KSZ1-900A/600VAC1/110aR100KA	+900A	155000A²S	*850000A²S	100W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

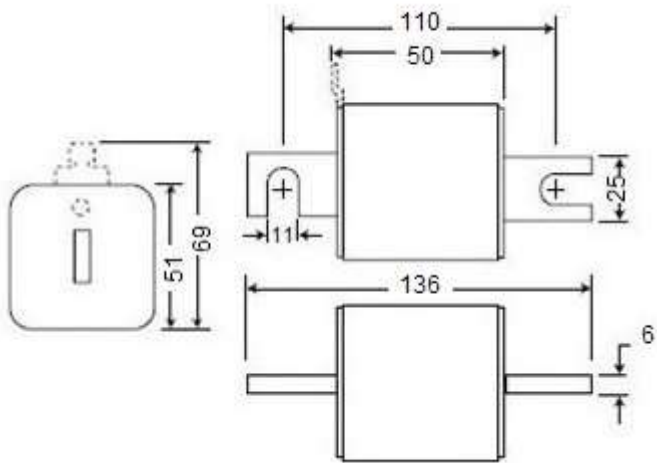
Dimensions 安装尺寸图: (mm):1/110



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 200A to 900A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		TN110/visual Type TIndicato for Micro 顶部微动指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V (A²S)	Power Pn(W)
1TN/110	190M4208	KSZ1-200A/690VAC1TN/110aR100KA	200A	1650A²S	11500A²S	45W
	190M4209	KSZ1-250A/690VAC1TN/110aR100KA	250A	3100A²S	21000A²S	55W
	190M4210	KSZ1-315A/690VAC1TN/110aR100KA	315A	6200A²S	42000A²S	58W
	190M4211	KSZ1-350A/690VAC1TN/110aR100KA	350A	8500A²S	59000A²S	60W
	190M4212	KSZ1-400A/690VAC1TN/110aR100KA	400A	13500A²S	91500A²S	65W
	190M4213	KSZ1-450A/690VAC1TN/110aR100KA	450A	17000A²S	120000A²S	70W
	190M4214	KSZ1-500A/690VAC1TN/110aR100KA	500A	25000A²S	170000A²S	72W
	190M4215	KSZ1-550A/690VAC1TN/110aR100KA	550A	34000A²S	230000A²S	75W
	190M4216	KSZ1-630A/690VAC1TN/110aR100KA	630A	52000A²S	350000A²S	80W
	190M4217	KSZ1-700A/690VAC1TN/110aR100KA	700A	69500A²S	465000A²S	85W
	190M4218	KSZ1-800A/690VAC1TN/110aR100KA	800A	105000A²S	725000A²S	95W
	+190M4219	KSZ1-900A/600VAC1TN/110aR100KA	+900A	155000A²S	*850000A²S	100W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.
Dimensions 安装尺寸图: (mm):1TN/110

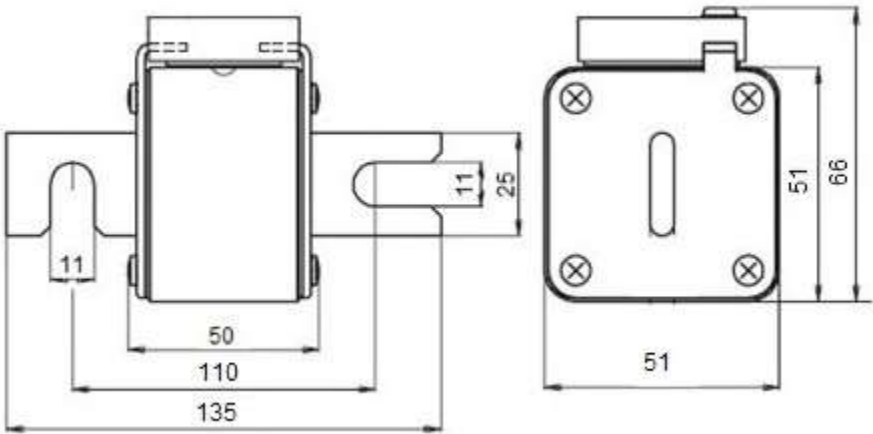


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 200A to 900A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		KN110/visual Type Indicato for Micro 中部微动指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 660V (A²S)	Power Pn(W)
1KN/110	190M4258	KSZ1-200A/690VAC1KN/110aR100KA	200A	1650A²S	11500A²S	45W
	190M4259	KSZ1-250A/690VAC1KN/110aR100KA	250A	3100A²S	21000A²S	55W
	190M4260	KSZ1-315A/690VAC1KN/110aR100KA	315A	6200A²S	42000A²S	58W
	190M4261	KSZ1-350A/690VAC1KN/110aR100KA	350A	8500A²S	59000A²S	60W
	190M4262	KSZ1-400A/690VAC1KN/110aR100KA	400A	13500A²S	91500A²S	65W
	190M4263	KSZ1-450A/690VAC1KN/110aR100KA	450A	17000A²S	120000A²S	70W
	190M4264	KSZ1-500A/690VAC1KN/110aR100KA	500A	25000A²S	170000A²S	72W
	190M4265	KSZ1-550A/690VAC1KN/110aR100KA	550A	34000A²S	230000A²S	75W
	190M4266	KSZ1-630A/690VAC1KN/110aR100KA	630A	52000A²S	350000A²S	80W
	190M4267	KSZ1-700A/690VAC1KN/110aR100KA	700A	69500A²S	465000A²S	85W
	190M4268	KSZ1-800A/690VAC1KN/110aR100KA	800A	105000A²S	725000A²S	95W
	+190M4269	KSZ1-900A/600VAC1KN/110aR100KA	+900A	155000A²S	*850000A²S	100W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):1KN/110

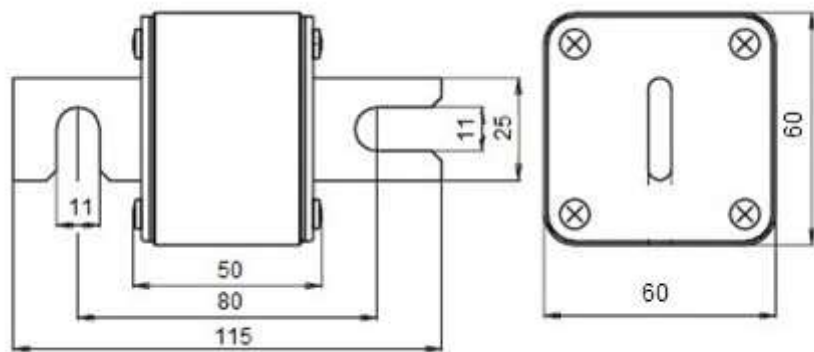


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 400A to 1250A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		2/80visual	Ampere Rating(A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power P _n (W)
		Indicator 无指示				
2/80	190M5008	KSZ2-400A/690VAC2/80aR100KA	400A	11KA²S	74KA²S	65W
	190M5009	KSZ2-450A/690VAC2/80aR100KA	450A	15.5KA²S	105KA²S	70W
	190M5010	KSZ2-500A/690VAC2/80aR100KA	500A	21.5KA²S	145KA²S	75W
	190M5011	KSZ2-550A/690VAC2/80aR100KA	550A	28KA²S	190KA²S	80W
	190M5012	KSZ2-630A/690VAC2/80aR100KA	630A	41KA²S	275KA²S	90W
	190M5013	KSZ2-700A/690VAC2/80aR100KA	700A	60.5KA²S	405KA²S	95W
	190M5014	KSZ2-800A/690VAC2/80aR100KA	800A	86KA²S	575KA²S	105W
	190M5015	KSZ2-900A/690VAC2/80aR100KA	900A	125KA²S	840KA²S	110W
	190M5016	KSZ2-1000A/690VAC2/80aR100KA	1000A	180KA²S	1250KA²S	115W
	+190M5017	KSZ2-1100A/600VAC2/80aR100KA	+1100A	245KA²S	1600KA²S	120W
	+190M5018	KSZ2-1250A/600VAC2/80aR100KA	+1250A	365KA²S	2400KA²S	130W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):2/80

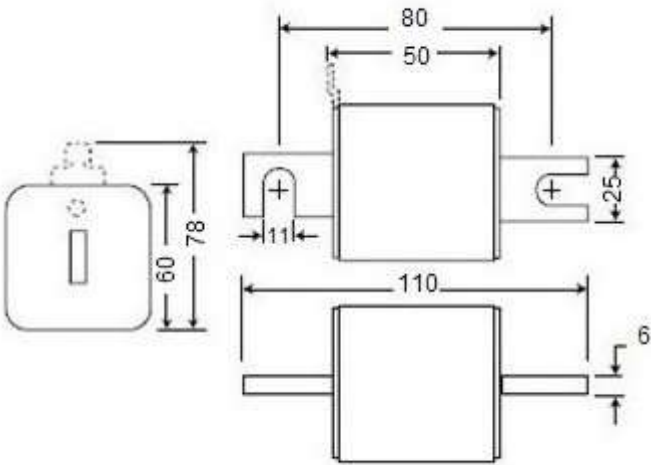


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 400A to 1250A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		2TN/80visual Indicator 顶部微动指示	Ampere Rating(A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power Pn(W)
2TN/80	190M5058	KSZ2-400A/690VAC2TN/80aR100KA	400A	11KA²S	74KA²S	65W
	190M5059	KSZ2-450A/690VAC2TN/80aR100KA	450A	15.5KA²S	105KA²S	70W
	190M5060	KSZ2-500A/690VAC2TN/80aR100KA	500A	21.5KA²S	145KA²S	75W
	190M5061	KSZ2-550A/690VAC2TN/80aR100KA	550A	28KA²S	190KA²S	80W
	190M5062	KSZ2-630A/690VAC2TN/80aR100KA	630A	41KA²S	275KA²S	90W
	190M5063	KSZ2-700A/690VAC2TN/80aR100KA	700A	60.5KA²S	405KA²S	95W
	190M5064	KSZ2-800A/690VAC2TN/80aR100KA	800A	86KA²S	575KA²S	105W
	190M5065	KSZ2-900A/690VAC2TN/80aR100KA	900A	125KA²S	840KA²S	110W
	190M5066	KSZ2-1000A/690VAC2TN/80aR100KA	1000A	180KA²S	1250KA²S	115W
	+190M5067	KSZ2-1100A/600VAC2TN/80aR100KA	+1100A	245KA²S	1600KA²S	120W
	+190M5068	KSZ2-1250A/600VAC2TN/80aR100KA	+1250A	365KA²S	2400KA²S	130W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):2TN/80

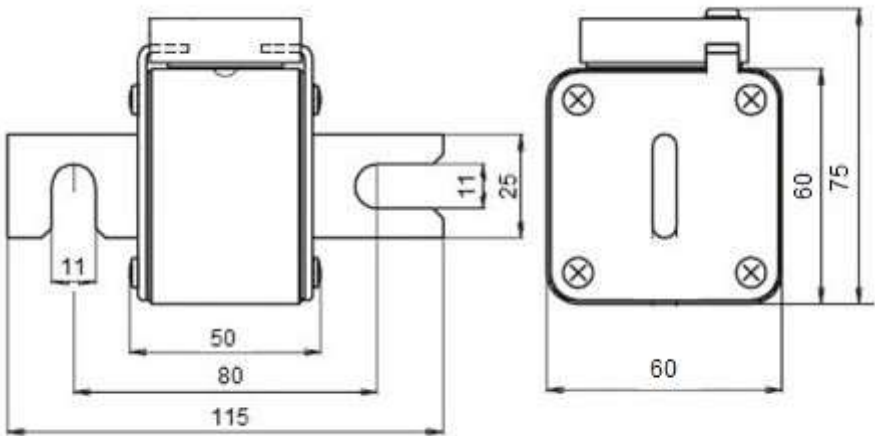


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 400A to 1250A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		2KN/80visual Indicator 中部微动指示	Ampere Rating(A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power P _n (W)
2KN/80	190M5108	KSZ2-400A/690VAC2KN/80aR100KA	400A	11KA²S	74KA²S	65W
	190M5109	KSZ2-450A/690VAC2KN/80aR100KA	450A	15.5KA²S	105KA²S	70W
	190M5110	KSZ2-500A/690VAC2KN/80aR100KA	500A	21.5KA²S	145KA²S	75W
	190M5111	KSZ2-550A/690VAC2KN/80aR100KA	550A	28KA²S	190KA²S	80W
	190M5112	KSZ2-630A/690VAC2KN/80aR100KA	630A	41KA²S	275KA²S	90W
	190M5113	KSZ2-700A/690VAC2KN/80aR100KA	700A	60.5KA²S	405KA²S	95W
	190M5114	KSZ2-800A/690VAC2KN/80aR100KA	800A	86KA²S	575KA²S	105W
	190M5115	KSZ2-900A/690VAC2KN/80aR100KA	900A	125KA²S	840KA²S	110W
	190M5116	KSZ2-1000A/690VAC2KN/80aR100KA	1000A	180KA²S	1250KA²S	115W
	+190M5117	KSZ2-1100A/600VAC2KN/80aR100KA	+1100A	245KA²S	1600KA²S	120W
	+190M5118	KSZ2-1250A/600VAC2KN/80aR100KA	+1250A	365KA²S	2400KA²S	130W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):2KN/80

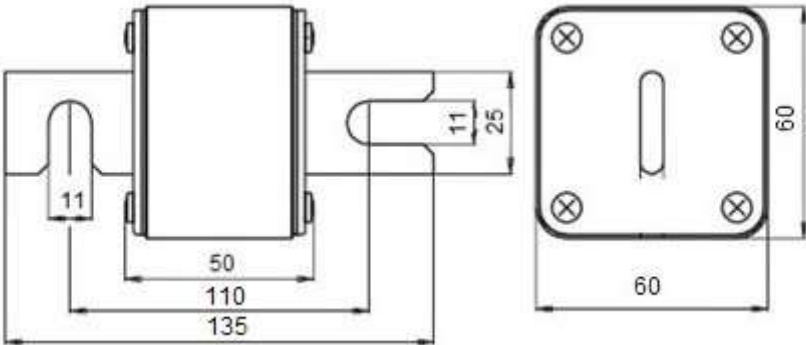


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 400A to 1250A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		2/110visual Indicator 无指示	Ampere Rating(A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power Pn(W)
2/110	190M5158	KSZ2-400A/690VAC2/110aR100KA	400A	11KA²S	74KA²S	65W
	190M5159	KSZ2-450A/690VAC2/110aR100KA	450A	15.5KA²S	105KA²S	70W
	190M5160	KSZ2-500A/690VAC2/110aR100KA	500A	21.5KA²S	145KA²S	75W
	190M5161	KSZ2-550A/690VAC2/110aR100KA	550A	28KA²S	190KA²S	80W
	190M5162	KSZ2-630A/690VAC2/110aR100KA	630A	41KA²S	275KA²S	90W
	190M5163	KSZ2-700A/690VAC2/110aR100KA	700A	60.5KA²S	405KA²S	95W
	190M5164	KSZ2-800A/690VAC2/110aR100KA	800A	86KA²S	575KA²S	105W
	190M5165	KSZ2-900A/690VAC2/110aR100KA	900A	125KA²S	840KA²S	110W
	190M5166	KSZ2-1000A/690VAC2/110aR100KA	1000A	180KA²S	1250KA²S	115W
	+190M5167	KSZ2-1100A/600VAC2/110aR100KA	+1100A	245KA²S	1600KA²S	120W
	+190M5168	KSZ2-1250A/600VAC2/110aR100KA	+1250A	365KA²S	2400KA²S	130W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):2/110

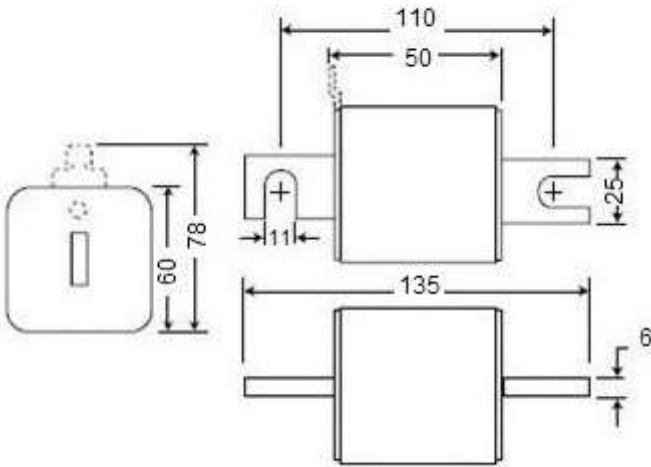


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 400A to 1250A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		2TN/110visual Indicator 顶部微动指示	Ampere Rating(A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power P _n (W)
2TN/110	190M5208	KSZ2-400A/690VAC2TN/110aR100KA	400A	11KA²S	74KA²S	65W
	190M5209	KSZ2-450A/690VAC2TN/110aR100KA	450A	15.5KA²S	105KA²S	70W
	190M5210	KSZ2-500A/690VAC2TN/110aR100KA	500A	21.5KA²S	145KA²S	75W
	190M5211	KSZ2-550A/690VAC2TN/110aR100KA	550A	28KA²S	190KA²S	80W
	190M5212	KSZ2-630A/690VAC2TN/110aR100KA	630A	41KA²S	275KA²S	90W
	190M5213	KSZ2-700A/690VAC2TN/110aR100KA	700A	60.5KA²S	405KA²S	95W
	190M5214	KSZ2-800A/690VAC2TN/110aR100KA	800A	86KA²S	575KA²S	105W
	190M5215	KSZ2-900A/690VAC2TN/110aR100KA	900A	125KA²S	840KA²S	110W
	190M5216	KSZ2-1000A/690VAC2TN/110aR100KA	1000A	180KA²S	1250KA²S	115W
	+190M5217	KSZ2-1100A/600VAC2TN/110aR100KA	+1100A	245KA²S	1600KA²S	120W
	+190M5218	KSZ2-1250A/600VAC2TN/110aR100KA	+1250A	365KA²S	2400KA²S	130W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):2TN/110

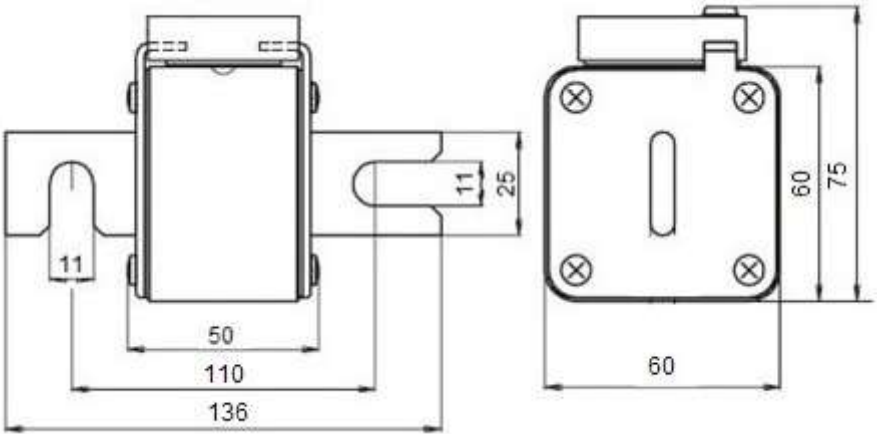


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 400A to 1250A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		2KN/110visual Indicator 中部微动指示	Ampere Rating(A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power Pn(W)
2KN/110	190M5258	KSZ2-400A/690VAC2KN/110aR100KA	400A	11KA²S	74KA²S	65W
	190M5259	KSZ2-450A/690VAC2KN/110aR100KA	450A	15.5KA²S	105KA²S	70W
	190M5260	KSZ2-500A/690VAC2KN/110aR100KA	500A	21.5KA²S	145KA²S	75W
	190M5261	KSZ2-550A/690VAC2KN/110aR100KA	550A	28KA²S	190KA²S	80W
	190M5262	KSZ2-630A/690VAC2KN/110aR100KA	630A	41KA²S	275KA²S	90W
	190M5263	KSZ2-700A/690VAC2KN/110aR100KA	700A	60.5KA²S	405KA²S	95W
	190M5264	KSZ2-800A/690VAC2KN/110aR100KA	800A	86KA²S	575KA²S	105W
	190M5265	KSZ2-900A/690VAC2KN/110aR100KA	900A	125KA²S	840KA²S	110W
	190M5266	KSZ2-1000A/690VAC2KN/110aR100KA	1000A	180KA²S	1250KA²S	115W
	+190M5267	KSZ2-1100A/600VAC2KN/110aR100KA	+1100A	245KA²S	1600KA²S	120W
	+190M5268	KSZ2-1250A/600VAC2KN/110aR100KA	+1250A	365KA²S	2400KA²S	130W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):2KN/110

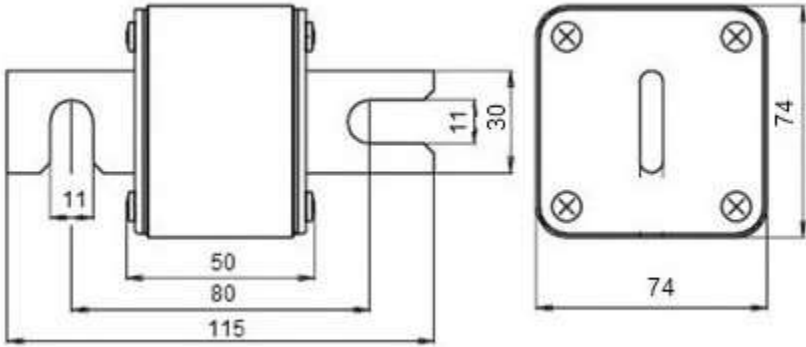


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		3/80visual Indicator 无指示	Ampere Rating(A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power P _n (W)
3/80	190M6008	KSZ3-500A/690VAC3/80aR100KA	500A	14KA²S	95KA²S	95W
	190M6009	KSZ3-550A/690VAC3/80aR100KA	550A	19.5KA²S	135KA²S	100W
	190M6010	KSZ3-630A/690VAC3/80aR100KA	630A	31KA²S	210KA²S	105W
	190M6011	KSZ3-700A/690VAC3/80aR100KA	700A	44.5KA²S	300KA²S	110W
	190M6012	KSZ3-800A/690VAC3/80aR100KA	800A	69.5KA²S	465KA²S	115W
	190M6013	KSZ3-900A/690VAC3/80aR100KA	900A	100KA²S	670KA²S	120W
	190M6014	KSZ3-1000A/690VAC3/80aR100KA	1000A	140KA²S	945KA²S	125W
	190M6015	KSZ3-1100A/690VAC3/80aR100KA	1100A	190KA²S	1300KA²S	130W
	190M6016	KSZ3-1250A/690VAC3/80aR100KA	1250A	290KA²S	1950KA²S	140W
	190M6017	KSZ3-1400A/690VAC3/80aR100KA	1400A	370KA²S	2450KA²S	155W
	190M6018	KSZ3-1500A/690VAC3/80aR100KA	1500A	460KA²S	3100KA²S	160W
	190M6019	KSZ3-1600A/690VAC3/80aR100KA	1600A	580KA²S	3900KA²S	160W
	+190M6020	KSZ3-1800A/600VAC3/80aR100KA	†1800A	880KA²S	†5250KA²S	165W
	*190M6021	KSZ3-2000A/550VAC3/80aR100KA	*2000A	1150KA²S	*6350KA²S	175W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):3/80

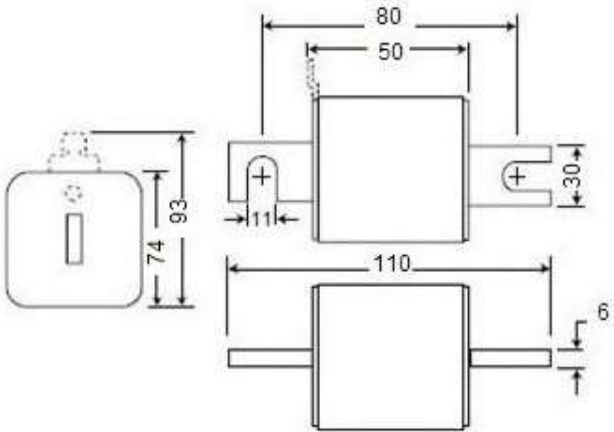


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		3TN/80visual Indicator 顶部微动指示	Ampere Rating(A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power P _n (W)
3TN/80	190M6058	KSZ3-500A/690VAC3TN/80aR100KA	500A	14KA²S	95KA²S	95W
	190M6059	KSZ3-550A/690VAC3TN/80aR100KA	550A	19.5KA²S	135KA²S	100W
	190M6060	KSZ3-630A/690VAC3TN/80aR100KA	630A	31KA²S	210KA²S	105W
	190M6061	KSZ3-700A/690VAC3TN/80aR100KA	700A	44.5KA²S	300KA²S	110W
	190M6062	KSZ3-800A/690VAC3TN/80aR100KA	800A	69.5KA²S	465KA²S	115W
	190M6063	KSZ3-900A/690VAC3TN/80aR100KA	900A	100KA²S	670KA²S	120W
	190M6064	KSZ3-1000A/690VAC3TN/80aR100KA	1000A	140KA²S	945KA²S	125W
	190M6065	KSZ3-1100A/690VAC3TN/80aR100KA	1100A	190KA²S	1300KA²S	130W
	190M6066	KSZ3-1250A/690VAC3TN/80aR100KA	1250A	290KA²S	1950KA²S	140W
	190M6067	KSZ3-1400A/690VAC3TN/80aR100KA	1400A	370KA²S	2450KA²S	155W
	190M6068	KSZ3-1500A/690VAC3TN/80aR100KA	1500A	460KA²S	3100KA²S	160W
	190M6069	KSZ3-1600A/690VAC3TN/80aR100KA	1600A	580KA²S	3900KA²S	160W
	+190M6070	KSZ3-1800A/600VAC3TN/80aR100KA	†1800A	880KA²S	†5250KA²S	165W
	*190M6071	KSZ3-2000A/550VAC3TN/80aR100KA	*2000A	1150KA²S	*6350KA²S	175W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):3TN/80

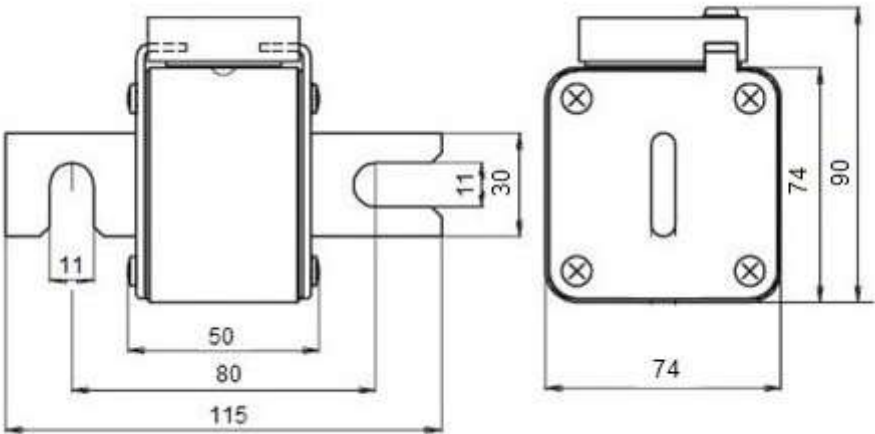


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		3KN/80visual Indicator 顶部微动指示	Ampere Rating(A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power P _n (W)
3KN/80	190M6108	KSZ3-500A/690VAC3KN/80aR100KA	500A	14KA²S	95KA²S	95W
	190M6109	KSZ3-550A/690VAC3KN/80aR100KA	550A	19.5KA²S	135KA²S	100W
	190M6110	KSZ3-630A/690VAC3KN/80aR100KA	630A	31KA²S	210KA²S	105W
	190M6111	KSZ3-700A/690VAC3KN/80aR100KA	700A	44.5KA²S	300KA²S	110W
	190M6112	KSZ3-800A/690VAC3KN/80aR100KA	800A	69.5KA²S	465KA²S	115W
	190M6113	KSZ3-900A/690VAC3KN/80aR100KA	900A	100KA²S	670KA²S	120W
	190M6114	KSZ3-1000A/690VAC3KN/80aR100KA	1000A	140KA²S	945KA²S	125W
	190M6115	KSZ3-1100A/690VAC3KN/80aR100KA	1100A	190KA²S	1300KA²S	130W
	190M6116	KSZ3-1250A/690VAC3KN/80aR100KA	1250A	290KA²S	1950KA²S	140W
	190M6117	KSZ3-1400A/690VAC3KN/80aR100KA	1400A	370KA²S	2450KA²S	155W
	190M6118	KSZ3-1500A/690VAC3KN/80aR100KA	1500A	460KA²S	3100KA²S	160W
	190M6119	KSZ3-1600A/690VAC3KN/80aR100KA	1600A	580KA²S	3900KA²S	160W
	+190M6120	KSZ3-1800A/600VAC3KN/80aR100KA	†1800A	880KA²S	†5250KA²S	165W
	*190M6121	KSZ3-2000A/550VAC3KN/80aR100KA	*2000A	1150KA²S	*6350KA²S	175W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):3KN/80

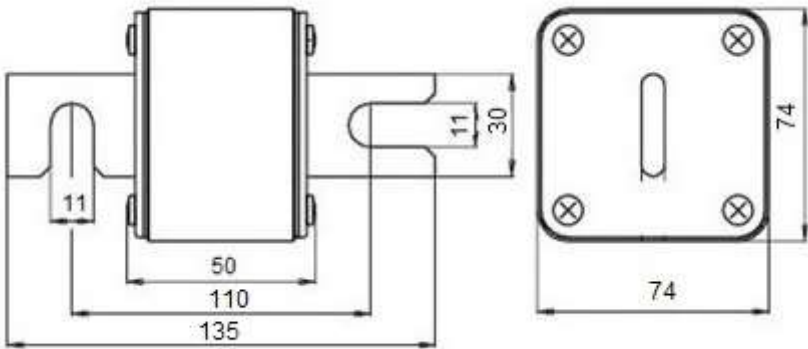


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		3/110visual Indicator 顶部无指示	Ampere Rating(A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power Pn(W)
3/110	190M6158	KSZ3-500A/690VAC3/110aR100KA	500A	14KA²S	95KA²S	95W
	190M6159	KSZ3-550A/690VAC3/110aR100KA	550A	19.5KA²S	135KA²S	100W
	190M6160	KSZ3-630A/690VAC3/110aR100KA	630A	31KA²S	210KA²S	105W
	190M6161	KSZ3-700A/690VAC3/110aR100KA	700A	44.5KA²S	300KA²S	110W
	190M6162	KSZ3-800A/690VAC3/110aR100KA	800A	69.5KA²S	465KA²S	115W
	190M6163	KSZ3-900A/690VAC3/110aR100KA	900A	100KA²S	670KA²S	120W
	190M6164	KSZ3-1000A/690VAC3/110aR100KA	1000A	140KA²S	945KA²S	125W
	190M6165	KSZ3-1100A/690VAC3/110aR100KA	1100A	190KA²S	1300KA²S	130W
	190M6166	KSZ3-1250A/690VAC3/110aR100KA	1250A	290KA²S	1950KA²S	140W
	190M6167	KSZ3-1400A/690VAC3/110aR100KA	1400A	370KA²S	2450KA²S	155W
	190M6168	KSZ3-1500A/690VAC3/110aR100KA	1500A	460KA²S	3100KA²S	160W
	190M6169	KSZ3-1600A/690VAC3/110aR100KA	1600A	580KA²S	3900KA²S	160W
	+190M6170	KSZ3-1800A/600VAC3/110aR100KA	†1800A	880KA²S	†5250KA²S	165W
	*190M6171	KSZ3-2000A/550VAC3/110aR100KA	*2000A	1150KA²S	*6350KA²S	175W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):3/110

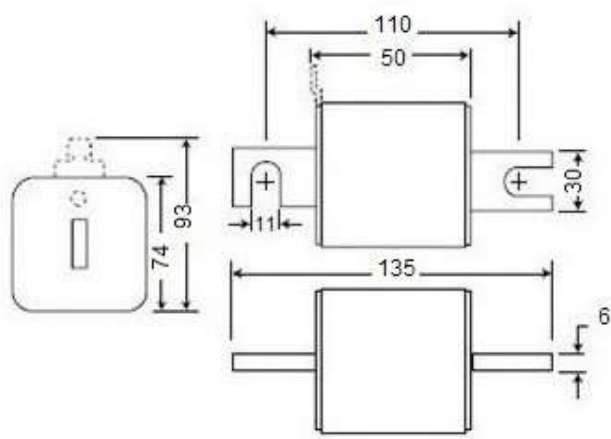


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		3TN/110 Indicator 顶部微动指示	Ampere Rating(A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power Pn(W)
3TN/110	190M6208	KSZ3-500A/690VAC3TN/110aR100KA	500A	14KA²S	95KA²S	95W
	190M6209	KSZ3-550A/690VAC3TN/110aR100KA	550A	19.5KA²S	135KA²S	100W
	190M6210	KSZ3-630A/690VAC3TN/110aR100KA	630A	31KA²S	210KA²S	105W
	190M6211	KSZ3-700A/690VAC3TN/110aR100KA	700A	44.5KA²S	300KA²S	110W
	190M6212	KSZ3-800A/690VAC3TN/110aR100KA	800A	69.5KA²S	465KA²S	115W
	190M6213	KSZ3-900A/690VAC3TN/110aR100KA	900A	100KA²S	670KA²S	120W
	190M6214	KSZ3-1000A/690VAC3TN/110aR100KA	1000A	140KA²S	945KA²S	125W
	190M6215	KSZ3-1100A/690VAC3TN/110aR100KA	1100A	190KA²S	1300KA²S	130W
	190M6216	KSZ3-1250A/690VAC3TN/110aR100KA	1250A	290KA²S	1950KA²S	140W
	190M6217	KSZ3-1400A/690VAC3TN/110aR100KA	1400A	370KA²S	2450KA²S	155W
	190M6218	KSZ3-1500A/690VAC3TN/110aR100KA	1500A	460KA²S	3100KA²S	160W
	190M6219	KSZ3-1600A/690VAC3TN/110aR100KA	1600A	580KA²S	3900KA²S	160W
	+190M6220	KSZ3-1800A/600VAC3TN/110aR100KA	†1800A	880KA²S	†5250KA²S	165W
	*190M6221	KSZ3-2000A/550VAC3TN/110aR100KA	*2000A	1150KA²S	*6350KA²S	175W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):3TN/110

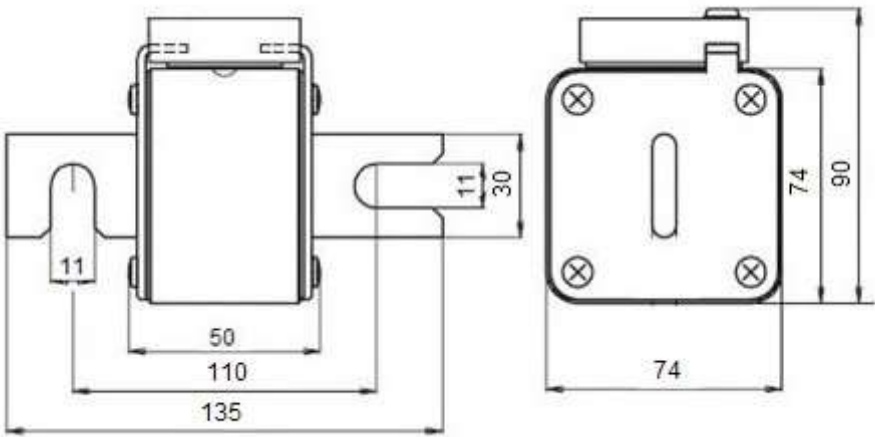


Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		3KN/110 Indicator 中部微动指示	Ampere Rating(A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power P _n (W)
3KN/110	190M6258	KSZ3-500A/690VAC3KN/110aR100KA	500A	14KA²S	95KA²S	95W
	190M6259	KSZ3-550A/690VAC3KN/110aR100KA	550A	19.5KA²S	135KA²S	100W
	190M6260	KSZ3-630A/690VAC3KN/110aR100KA	630A	31KA²S	210KA²S	105W
	190M6261	KSZ3-700A/690VAC3KN/110aR100KA	700A	44.5KA²S	300KA²S	110W
	190M6262	KSZ3-800A/690VAC3KN/110aR100KA	800A	69.5KA²S	465KA²S	115W
	190M6263	KSZ3-900A/690VAC3KN/110aR100KA	900A	100KA²S	670KA²S	120W
	190M6264	KSZ3-1000A/690VAC3KN/110aR100KA	1000A	140KA²S	945KA²S	125W
	190M6265	KSZ3-1100A/690VAC3KN/110aR100KA	1100A	190KA²S	1300KA²S	130W
	190M6266	KSZ3-1250A/690VAC3KN/110aR100KA	1250A	290KA²S	1950KA²S	140W
	190M6267	KSZ3-1400A/690VAC3KN/110aR100KA	1400A	370KA²S	2450KA²S	155W
	190M6268	KSZ3-1500A/690VAC3KN/110aR100KA	1500A	460KA²S	3100KA²S	160W
	190M6269	KSZ3-1600A/690VAC3KN/110aR100KA	1600A	580KA²S	3900KA²S	160W
	+190M6270	KSZ3-1800A/600VAC3KN/110aR100KA	†1800A	880KA²S	†5250KA²S	165W
	*190M6271	KSZ3-2000A/550VAC3KN/110aR100KA	*2000A	1150KA²S	*6350KA²S	175W

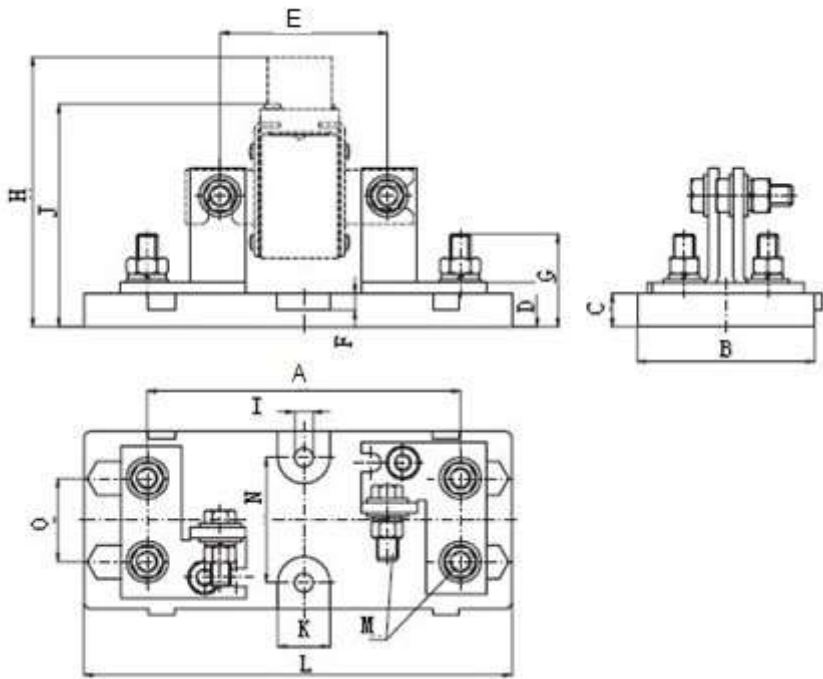
†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

Dimensions 安装尺寸图: (mm):3KN/110

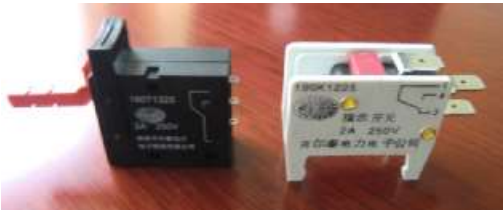


Main Characteristics 主要技术参数 电压等级:690V~700VAC Fuse holder 熔断器底座 DIN43653

630A 、 1250A Fuse holder 熔断器底座 Dimensions 安装尺寸图: (mm):



Fixing Center	Deminsion(mm)														
80mm/110mm	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
FBM080-630A	115	86	17	22	80	9	42	144	Φ9	114	25	205	M10	60	40
FBM110-630A	135	86	17	22	110	9	42	144	Φ9	114	25	205	M10	60	86
FBM080-1250A	115	86	17	27	80	9	42	144	Φ9	114	25	205	M10	60	40
FBM110-1250 A	135	86	17	27	110	9	42	144	Φ9	114	25	205	M10	60	40



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 40A to 2000A aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics 电气特性			
		-FU/90 Without Indicator无指示	Ampere Rating(A)	Pre-arcing I ² t(A ² S)	Total I ² t @ 660V (A ² S)	Power P _n (W)
0FU/90	190M3608	KSM0-40A/690VAC0FU/90aR100KA	40A	40A ² S	270A ² S	9W
	190M3609	KSM0-50A/690VAC0FU/90aR100KA	50A	77A ² S	515A ² S	11W
	190M3610	KSM0-63A/690VAC0FU/90aR100KA	63A	115A ² S	770A ² S	14W
	190M3611	KSM0-80A/690VAC0FU/90aR100KA	80A	185A ² S	1250A ² S	18W
	190M3612	KSM0-100A/690VAC0FU/90aR100KA	100A	360A ² S	2450A ² S	21W
	190M3613	KSM0-125A/690VAC0FU/90aR100KA	125A	550A ² S	3700A ² S	26W
	190M3614	KSM0-160A/690VAC0FU/90aR100KA	160A	1100A ² S	7500A ² S	30W
	190M3615	KSM0-200A/690VAC0FU/90aR100KA	200A	2200A ² S	9500A ² S	35W
	190M3616	KSM0-250A/690VAC0FU/90aR100KA	250A	4200A ² S	28500A ² S	40W
	190M3617	KSM0-315A/690VAC0FU/90aR100KA	315A	7000A ² S	46500A ² S	50W
	190M3618	KSM0-350A/690VAC0FU/90aR100KA	350A	10000A ² S	68500A ² S	55W
	190M3619	KSM0-400A/690VAC0FU/90aR100KA	400A	15000A ² S	105000A ² S	60W
	190M3620	KSM0-450A/690VAC0FU/90aR100KA	450A	21000A ² S	140000A ² S	65W
	190M3621	KSM0-500A/690VAC0FU/90aR100KA	500A	27000A ² S	180000A ² S	70W
	190M3622	KSM0-550A/690VAC0FU/90aR100KA	550A	34000A ² S	230000A ² S	75W
	190M3623	KSM0-630A/690VAC0FU/90aR100KA	630A	48500A ² S	325000A ² S	80W
1FU/90	190M4608	KSM1-200A/690VAC1FU/90aR100KA	200A	1650A ² S	11500A ² S	45W
	190M4609	KSM1-250A/690VAC1FU/90aR100KA	250A	3100A ² S	21000A ² S	55W
	190M4610	KSM1-315A/690VAC1FU/90aR100KA	315A	6200A ² S	42000A ² S	58W
	190M4611	KSM1-350A/690VAC1FU/90aR100KA	350A	8500A ² S	59000A ² S	60W
	190M4612	KSM1-400A/690VAC1FU/90aR100KA	400A	13500A ² S	91500A ² S	65W
	190M4613	KSM1-450A/690VAC1FU/90aR100KA	450A	17000A ² S	120000A ² S	70W
	190M4614	KSM1-500A/690VAC1FU/90aR100KA	500A	25000A ² S	170000A ² S	72W
	190M4615	KSM1-550A/690VAC1FU/90aR100KA	550A	34000A ² S	230000A ² S	75W
	190M4616	KSM1-630A/690VAC1FU/90aR100KA	630A	52000A ² S	350000A ² S	80W
	190M4617	KSM1-700A/690VAC1FU/90aR100KA	700A	69500A ² S	465000A ² S	85W
	190M4618	KSM1-800A/690VAC1FU/90aR100KA	800A	105000A ² S	725000A ² S	95W
	*190M4619	KSM1-900A/600VAC1FU/90aR100KA	*900A	155000A ² S	*850000A ² S	100W



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

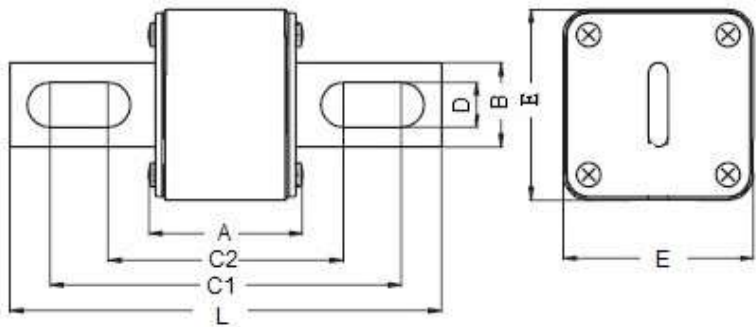
Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics 电气特性			
		-FU/90 Without Indicator无指示	Ampere Rating(A)	Pre-arcing I ² t(KA ² S)	Total I ² t @ 660V (KA ² S)	Power P _n (W)
2FU/90	190M5608	KSM2-400A/690VAC2FU/90aR100KA	400A	11KA ² S	74KA ² S	65W
	190M5609	KSM2-450A/690VAC2FU/90aR100KA	450A	15.5KA ² S	105KA ² S	70W
	190M5610	KSM2-500A/690VAC2FU/90aR100KA	500A	21.5KA ² S	145KA ² S	75W
	190M5611	KSM2-550A/690VAC2FU/90aR100KA	550A	28KA ² S	190KA ² S	80W
	190M5612	KSM2-630A/690VAC2FU/90aR100KA	630A	41KA ² S	275KA ² S	90W
	190M5613	KSM2-700A/690VAC2FU/90aR100KA	700A	60.5KA ² S	405KA ² S	95W
	190M5614	KSM2-800A/690VAC2FU/90aR100KA	800A	86KA ² S	575KA ² S	105W
	190M5615	KSM2-900A/690VAC2FU/90aR100KA	900A	125KA ² S	840KA ² S	110W
	190M5616	KSM2-1000A/690VAC2FU/90aR100KA	1000A	180KA ² S	1250KA ² S	115W
	+190M5617	KSM2-1100A/690VAC2FU/90aR100KA	+1100A	245KA ² S	1600KA ² S	120W
3FU/90	*190M5618	KSM2-1250A/550VAC2FU/90aR100KA	*1250A	365KA ² S	2400KA ² S	130W
	190M6608	KSM3-500A/690VAC3FU/90aR100KA	500A	14KA ² S	95KA ² S	95W
	190M6609	KSM3-550A/690VAC3FU/90aR100KA	550A	19.5KA ² S	135KA ² S	100W
	190M6610	KSM3-630A/690VAC3FU/90aR100KA	630A	31KA ² S	210KA ² S	105W
	190M6611	KSM3-700A/690VAC3FU/90aR100KA	700A	44.5KA ² S	300KA ² S	110W
	190M6612	KSM3-800A/690VAC3FU/90aR100KA	800A	69.5KA ² S	465KA ² S	115W
	190M6613	KSM3-900A/690VAC3FU/90aR100KA	900A	100KA ² S	670KA ² S	120W
	190M6614	KSM3-1000A/690VAC3FU/90aR100KA	1000A	140KA ² S	945KA ² S	125W
	190M6615	KSM3-1100A/690VAC3FU/90aR100KA	1100A	190KA ² S	1300KA ² S	130W
	190M6616	KSM3-1250A/690VAC3FU/90aR100KA	1250A	290KA ² S	1950KA ² S	140W
	190M6617	KSM3-1400A/690VAC3FU/90aR100KA	1400A	370KA ² S	2450KA ² S	155W
	190M6618	KSM3-1500A/690VAC3FU/90aR100KA	1500A	460KA ² S	3100KA ² S	160W
	190M6619	KSM3-1600A/690VAC3FU/90aR100KA	1600A	580KA ² S	3900KA ² S	160W
	+190M6620	KSM3-1800A/600VAC3FU/90aR100KA	+1800A	880KA ² S	†5250KA ² S	165W
	*190M6621	KSM3-2000A/550VAC3FU/90aR100KA	*2000A	1150KA ² S	*6350KA ² S	175W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

Dimensions 安装尺寸图: (mm):



Size	Type -FU/90							
	A	B	C1	C2	D	E	G	L
0	50	20	85	72	10.5	43	58	110
1	50	25	104	78	10.5	51	66	136
2	50	25	105	78	12.5	60	75	136
3	51	39	106	77	12.5	75	91	136



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 40A to 2000A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics 电气特性			
		KIN/90 Type K Indicato for Micro微动指示	Ampere Rating(A)	Pre-arcing I ² t(A ² S)	Total I ² t @ 660V (A ² S)	Power P _n (W)
0KIN/90	190M3658	KSM0-40A/690VAC0KIN/90aR100KA	40A	40A ² S	270A ² S	9W
	190M3659	KSM0-50A/690VAC0KIN/90aR100KA	50A	77A ² S	515A ² S	11W
	190M3660	KSM0-63A/690VAC0KIN/90aR100KA	63A	115A ² S	770A ² S	14W
	190M3661	KSM0-80A/690VAC0KIN/90aR100KA	80A	185A ² S	1250A ² S	18W
	190M3662	KSM0-100A/690VAC0KIN/90aR100KA	100A	360A ² S	2450A ² S	21W
	190M3663	KSM0-125A/690VAC0KIN/90aR100KA	125A	550A ² S	3700A ² S	26W
	190M3664	KSM0-160A/690VAC0KIN/90aR100KA	160A	1100A ² S	7500A ² S	30W
	190M3665	KSM0-200A/690VAC0KIN/90aR100KA	200A	2200A ² S	9500A ² S	35W
	190M3666	KSM0-250A/690VAC0KIN/90aR100KA	250A	4200A ² S	28500A ² S	40W
	190M3667	KSM0-315A/690VAC0KIN/90aR100KA	315A	7000A ² S	46500A ² S	50W
	190M3668	KSM0-350A/690VAC0KIN/90aR100KA	350A	10000A ² S	68500A ² S	55W
	190M3669	KSM0-400A/690VAC0KIN/90aR100KA	400A	15000A ² S	105000A ² S	60W
	190M3670	KSM0-450A/690VAC0KIN/90aR100KA	450A	21000A ² S	140000A ² S	65W
	190M3671	KSM0-500A/690VAC0KIN/90aR100KA	500A	27000A ² S	180000A ² S	70W
	190M3672	KSM0-550A/690VAC0KIN/90aR100KA	550A	34000A ² S	230000A ² S	75W
	190M3673	KSM0-630A/690VAC0KIN/90aR100KA	630A	48500A ² S	325000A ² S	80W
1KIN/90	190M4658	KSM1-200A/690VAC1KIN/90aR100KA	200A	1650A ² S	11500A ² S	45W
	190M4659	KSM1-250A/690VAC1KIN/90aR100KA	250A	3100A ² S	21000A ² S	55W
	190M4660	KSM1-315A/690VAC1KIN/90aR100KA	315A	6200A ² S	42000A ² S	58W
	190M4661	KSM1-350A/690VAC1KIN/90aR100KA	350A	8500A ² S	59000A ² S	60W
	190M4662	KSM1-400A/690VAC1KIN/90aR100KA	400A	13500A ² S	91500A ² S	65W
	190M4663	KSM1-450A/690VAC1KIN/90aR100KA	450A	17000A ² S	120000A ² S	70W
	190M4664	KSM1-500A/690VAC1KIN/90aR100KA	500A	25000A ² S	170000A ² S	72W
	190M4665	KSM1-550A/690VAC1KIN/90aR100KA	550A	34000A ² S	230000A ² S	75W
	190M4666	KSM1-630A/690VAC1KIN/90aR100KA	630A	52000A ² S	350000A ² S	80W
	190M4667	KSM1-700A/690VAC1KIN/90aR100KA	700A	69500A ² S	465000A ² S	85W
	190M4668	KSM1-800A/690VAC1KIN/90aR100KA	800A	105000A ² S	725000A ² S	95W
	*190M4669	KSM1-900A/550VAC1KIN/90aR100KA	*900A	155000A ² S	*850000A ² S	100W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.



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Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics 电气特性			
		KIE/90 Type K	Ampere Rating(A)	Pre-arcing I ² t(KA ² S)	Total I ² t @ 660V (KA ² S)	Power P _n (W)
		Indicato for Micro微动指示				
2KIN/90	190M5658	KSM2-400A/690VAC2KIN/90aR100KA	400A	11KA ² S	74KA ² S	65W
	190M5659	KSM2-450A/690VAC2KIN/90aR100KA	450A	15.5KA ² S	105KA ² S	70W
	190M5660	KSM2-500A/690VAC2KIN/90aR100KA	500A	21.5KA ² S	145KA ² S	75W
	190M5661	KSM2-550A/690VAC2KIN/90aR100KA	550A	28KA ² S	190KA ² S	80W
	190M5662	KSM2-630A/690VAC2KIN/90aR100KA	630A	41KA ² S	275KA ² S	90W
	190M5663	KSM2-700A/690VAC2KIN/90aR100KA	700A	60.5KA ² S	405KA ² S	95W
	190M5664	KSM2-800A/690VAC2KIN/90aR100KA	800A	86KA ² S	575KA ² S	105W
	190M5665	KSM2-900A/690VAC2KIN/90aR100KA	900A	125KA ² S	840KA ² S	110W
	190M5666	KSM2-1000A/690VAC2KIN/90aR100KA	1000A	180KA ² S	1250KA ² S	115W
	+190M5667	KSM2-1100A/600VAC2KIN/90aR100KA	+1100A	245KA ² S	1600KA ² S	120W
	*190M5668	KSM2-1250A/550VAC2KIN/90aR100KA	*1250A	365KA ² S	2400KA ² S	130W
3KIN/90	190M6658	KSM3-500A/690VAC3KIN/90aR100KA	500A	14KA ² S	95KA ² S	95W
	190M6659	KSM3-550A/690VAC3KIN/90aR100KA	550A	19.5KA ² S	135KA ² S	100W
	190M6660	KSM3-630A/690VAC3KIN/90aR100KA	630A	31KA ² S	210KA ² S	105W
	190M6661	KSM3-700A/690VAC3KIN/90aR100KA	700A	44.5KA ² S	300KA ² S	110W
	190M6662	KSM3-800A/690VAC3KIN/90aR100KA	800A	69.5KA ² S	465KA ² S	115W
	190M6663	KSM3-900A/690VAC3KIN/90aR100KA	900A	100KA ² S	670KA ² S	120W
	190M6664	KSM3-1000A/690VAC3KIN/90aR100KA	1000A	140KA ² S	945KA ² S	125W
	190M6665	KSM3-1100A/690VAC3KIN/90aR100KA	1100A	190KA ² S	1300KA ² S	130W
	190M6666	KSM3-1250A/690VAC3KIN/90aR100KA	1250A	290KA ² S	1950KA ² S	140W
	190M6667	KSM3-1400A/690VAC3KIN/90aR100KA	1400A	370KA ² S	2450KA ² S	155W
	190M6668	KSM3-1500A/690VAC3KIN/90aR100KA	1500A	460KA ² S	3100KA ² S	160W
	190M6669	KSM3-1600A/690VAC3KIN/90aR100KA	1600A	580KA ² S	3900KA ² S	160W
	+190M6670	KSM3-1800A/600VAC3KIN/90aR100KA	+1800A	880KA ² S	†5250KA ² S	165W
	*190M6671	KSM3-2000A/550VAC3KIN/90aR100KA	*2000A	1150KA ² S	*6350KA ² S	175W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

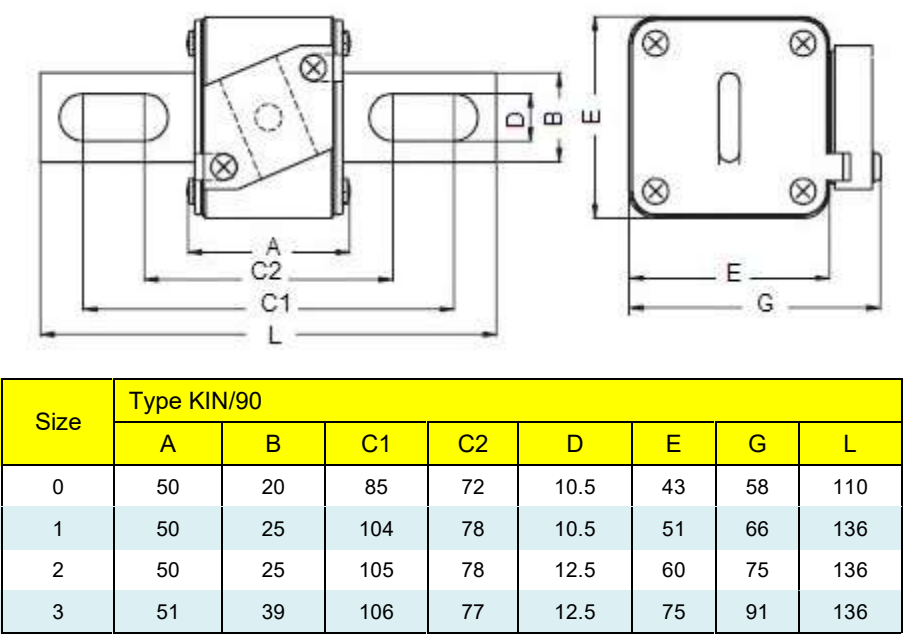


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Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

Dimensions 安装尺寸图: (mm):



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics 电气特性			
		-FU/115 Without Indicator 无指示	Ampere Rating(A)	Pre-arcing I ² t(A ² S)	Total I ² t @ 660V (A ² S)	Power P _n (W)
0FU/115	190M3708	KSM0-40A/690VAC0FU/115aR100KA	40A	40A ² S	270A ² S	9W
	190M3709	KSM0-50A/690VAC0FU/115aR100KA	50A	77A ² S	515A ² S	11W
	190M3710	KSM0-63A/690VAC0FU/115aR100KA	63A	115A ² S	770A ² S	14W
	190M3711	KSM0-80A/690VAC0FU/115aR100KA	80A	185A ² S	1250A ² S	18W
	190M3712	KSM0-100A/690VAC0FU/115aR100KA	100A	360A ² S	2450A ² S	21W
	190M3713	KSM0-125A/690VAC0FU/115aR100KA	125A	550A ² S	3700A ² S	26W
	190M3714	KSM0-160A/690VAC0FU/115aR100KA	160A	1100A ² S	7500A ² S	30W
	190M3715	KSM0-200A/690VAC0FU/115aR100KA	200A	2200A ² S	9500A ² S	35W
	190M3716	KSM0-250A/690VAC0FU/115aR100KA	250A	4200A ² S	28500A ² S	40W
	190M3717	KSM0-315A/690VAC0FU/115aR100KA	315A	7000A ² S	46500A ² S	50W
	190M3718	KSM0-350A/690VAC0FU/115aR100KA	350A	10000A ² S	68500A ² S	55W
	190M3719	KSM0-400A/690VAC0FU/115aR100KA	400A	15000A ² S	105000A ² S	60W
	190M3720	KSM0-450A/690VAC0FU/115aR100KA	450A	21000A ² S	140000A ² S	65W
	190M3721	KSM0-500A/690VAC0FU/115aR100KA	500A	27000A ² S	180000A ² S	70W
	190M3722	KSM0-550A/690VAC0FU/115aR100KA	550A	34000A ² S	230000A ² S	75W
	190M3723	KSM0-630A/690VAC0FU/115aR100KA	630A	48500A ² S	325000A ² S	80W
1FU/115	190M4708	KSM1-200A/690VAC1FU/115aR100KA	200A	1650A ² S	11500A ² S	45W
	190M4709	KSM1-250A/690VAC1FU/115aR100KA	250A	3100A ² S	21000A ² S	55W
	190M4710	KSM1-315A/690VAC1FU/115aR100KA	315A	6200A ² S	42000A ² S	58W
	190M4711	KSM1-350A/690VAC1FU/115aR100KA	350A	8500A ² S	59000A ² S	60W
	190M4712	KSM1-400A/690VAC1FU/115aR100KA	400A	13500A ² S	91500A ² S	65W
	190M4713	KSM1-450A/690VAC1FU/115aR100KA	450A	17000A ² S	120000A ² S	70W
	190M4714	KSM1-500A/690VAC1FU/115aR100KA	500A	25000A ² S	170000A ² S	72W
	190M4715	KSM1-550A/690VAC1FU/115aR100KA	550A	34000A ² S	230000A ² S	75W
	190M4716	KSM1-630A/690VAC1FU/115aR100KA	630A	52000A ² S	350000A ² S	80W
	190M4717	KSM1-700A/690VAC1FU/115aR100KA	700A	69500A ² S	465000A ² S	85W
	190M4718	KSM1-800A/690VAC1FU/115aR100KA	800A	105000A ² S	725000A ² S	95W
	*190M4719	KSM1-900A/600VAC1FU/115aR100KA	*900A	155000A ² S	*850000A ² S	100W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics 电气特性			
		-FU/115 Without Indicator无指示	Ampere Rating(A)	Pre-arcing I ² t(KA ² S)	Total I ² t @ 660V (KA ² S)	Power P _n (W)
2FU/115	190M5708	KSM2-400A/690VAC2FU/115aR100KA	400A	11KA ² S	74KA ² S	65W
	190M5709	KSM2-450A/690VAC2FU/115aR100KA	450A	15.5KA ² S	105KA ² S	70W
	190M5710	KSM2-500A/690VAC2FU/115aR100KA	500A	21.5KA ² S	145KA ² S	75W
	190M5711	KSM2-550A/690VAC2FU/115aR100KA	550A	28KA ² S	190KA ² S	80W
	190M5712	KSM2-630A/690VAC2FU/115aR100KA	630A	41KA ² S	275KA ² S	90W
	190M5713	KSM2-700A/690VAC2FU/115aR100KA	700A	60.5KA ² S	405KA ² S	95W
	190M5714	KSM2-800A/690VAC2FU/115aR100KA	800A	86KA ² S	575KA ² S	105W
	190M5715	KSM2-900A/690VAC2FU/115aR100KA	900A	125KA ² S	840KA ² S	110W
	190M5716	KSM2-1000A/690VAC2FU/115aR100KA	1000A	180KA ² S	1250KA ² S	115W
	+190M5717	KSM2-1100A/600VAC2FU/115aR100KA	+1100A	245KA ² S	1600KA ² S	120W
	*190M5718	KSM2-1250A/550VAC2FU/115aR100KA	*1250A	365KA ² S	2400KA ² S	130W
3FU/115	190M6708	KSM3-500A/690VAC3FU/115aR100KA	500A	14KA ² S	95KA ² S	95W
	190M6709	KSM3-550A/690VAC3FU/115aR100KA	550A	19.5KA ² S	135KA ² S	100W
	190M6710	KSM3-630A/690VAC3FU/115aR100KA	630A	31KA ² S	210KA ² S	105W
	190M6711	KSM3-700A/690VAC3FU/115aR100KA	700A	44.5KA ² S	300KA ² S	110W
	190M6712	KSM3-800A/690VAC3FU/115aR100KA	800A	69.5KA ² S	465KA ² S	115W
	190M6713	KSM3-900A/690VAC3FU/115aR100KA	900A	100KA ² S	670KA ² S	120W
	190M6714	KSM3-1000A/690VAC3FU/115aR100KA	1000A	140KA ² S	945KA ² S	125W
	190M6715	KSM3-1100A/690VAC3FU/115aR100KA	1100A	190KA ² S	1300KA ² S	130W
	190M6716	KSM3-1250A/690VAC3FU/115aR100KA	1250A	290KA ² S	1950KA ² S	140W
	190M6717	KSM3-1400A/690VAC3FU/115aR100KA	1400A	370KA ² S	2450KA ² S	155W
	190M6718	KSM3-1500A/690VAC3FU/115aR100KA	1500A	460KA ² S	3100KA ² S	160W
	190M6719	KSM3-1600A/690VAC3FU/115aR100KA	1600A	580KA ² S	3900KA ² S	160W
	+190M6720	KSM3-1800A/600VAC3FU/115aR100KA	+1800A	880KA ² S	†5250KA ² S	165W
	*190M6721	KSM3-2000A/550VAC3FU/115aR100KA	*2000A	1150KA ² S	*6350KA ² S	175W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.

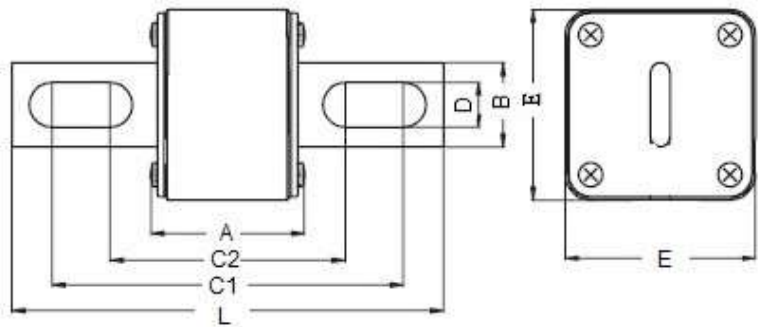


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Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

Dimensions 安装尺寸图: (mm):



Type :FU115								
Size	A	B	C1	C2	D	E	G	L
0	50	20	123	110	10.5	43	58	148
1	50	25	126	100	10.5	51	66	157
2	50	25	125	99	12.5	60	75	159
3	51	39	125	97	12.5	75	91	155



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 40A to 2000A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics 电气特性			
		-KIE/115 Without Indicator无指示	Ampere Rating(A)	Pre-arcing I ² t(A ² S)	Total I ² t @ 660V (A ² S)	Power P _n (W)
0KIN/115	190M3758	KSM0-40A/690VAC0KIN/115aR100KA	40A	40A ² S	270A ² S	9W
	190M3759	KSM0-50A/690VAC0KIN/115aR100KA	50A	77A ² S	515A ² S	11W
	190M3760	KSM0-63A/690VAC0KIN/115aR100KA	63A	115A ² S	770A ² S	14W
	190M3761	KSM0-80A/690VAC0KIN/115aR100KA	80A	185A ² S	1250A ² S	18W
	190M3762	KSM0-100A/690VAC0KIN/115aR100KA	100A	360A ² S	2450A ² S	21W
	190M3763	KSM0-125A/690VAC0KIN/115aR100KA	125A	550A ² S	3700A ² S	26W
	190M3764	KSM0-160A/690VAC0KIN/115aR100KA	160A	1100A ² S	7500A ² S	30W
	190M3765	KSM0-200A/690VAC0KIN/115aR100KA	200A	2200A ² S	9500A ² S	35W
	190M3766	KSM0-250A/690VAC0KIN/115aR100KA	250A	4200A ² S	28500A ² S	40W
	190M3767	KSM0-315A/690VAC0KIN/115aR100KA	315A	7000A ² S	46500A ² S	50W
	190M3768	KSM0-350A/690VAC0KIN/115aR100KA	350A	10000A ² S	68500A ² S	55W
	190M3769	KSM0-400A/690VAC0KIN/115aR100KA	400A	15000A ² S	105000A ² S	60W
	190M3770	KSM0-450A/690VAC0KIN/115aR100KA	450A	21000A ² S	140000A ² S	65W
	190M3771	KSM0-500A/690VAC0KIN/115aR100KA	500A	27000A ² S	180000A ² S	70W
	190M3772	KSM0-550A/690VAC0KIN/115aR100KA	550A	34000A ² S	230000A ² S	75W
	190M3773	KSM0-630A/690VAC0KIN/115aR100KA	630A	48500A ² S	325000A ² S	80W
1KIN/115	190M4758	KSM1-200A/690VAC1KIN/115aR100KA	200A	1650A ² S	11500A ² S	45W
	190M4759	KSM1-250A/690VAC1KIN/115aR100KA	250A	3100A ² S	21000A ² S	55W
	190M4760	KSM1-315A/690VAC1KIN/115aR100KA	315A	6200A ² S	42000A ² S	58W
	190M4761	KSM1-350A/690VAC1KIN/115aR100KA	350A	8500A ² S	59000A ² S	60W
	190M4762	KSM1-400A/690VAC1KIN/115aR100KA	400A	13500A ² S	91500A ² S	65W
	190M4763	KSM1-450A/690VAC1KIN/115aR100KA	450A	17000A ² S	120000A ² S	70W
	190M4764	KSM1-500A/690VAC1KIN/115aR100KA	500A	25000A ² S	170000A ² S	72W
	190M4765	KSM1-550A/690VAC1KIN/115aR100KA	550A	34000A ² S	230000A ² S	75W
	190M4766	KSM1-630A/690VAC1KIN/115aR100KA	630A	52000A ² S	350000A ² S	80W
	190M4767	KSM1-700A/690VAC1KIN/115aR100KA	700A	69500A ² S	465000A ² S	85W
	190M4768	KSM1-800A/690VAC1KIN/115aR100KA	800A	105000A ² S	725000A ² S	95W
	*190M4769	KSM1-900A/600VAC1KIN/115aR100KA	*900A	155000A ² S	*850000A ² S	100W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.



Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

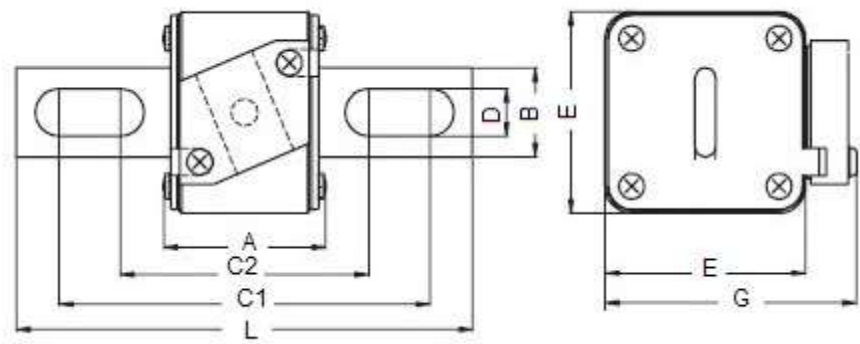
Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics 电气特性			
		KIE/115 Without Indicator无指示	Ampere Rating(A)	Pre-arcing I ² t(KA ² S)	Total I ² t @ 660V (KA ² S)	Power P _n (W)
2KIN/115	190M5758	KSM2-400A/690VAC2KIN/115aR100KA	400A	11KA ² S	74KA ² S	65W
	190M5759	KSM2-450A/690VAC2KIN/115aR100KA	450A	15.5KA ² S	105KA ² S	70W
	190M5760	KSM2-500A/690VAC2KIN/115aR100KA	500A	21.5KA ² S	145KA ² S	75W
	190M5761	KSM2-550A/690VAC2KIN/115aR100KA	550A	28KA ² S	190KA ² S	80W
	190M5762	KSM2-630A/690VAC2KIN/115aR100KA	630A	41KA ² S	275KA ² S	90W
	190M5763	KSM2-700A/690VAC2KIN/115aR100KA	700A	60.5KA ² S	405KA ² S	95W
	190M5764	KSM2-800A/690VAC2KIN/115aR100KA	800A	86KA ² S	575KA ² S	105W
	190M5765	KSM2-900A/690VAC2KIN/115aR100KA	900A	125KA ² S	840KA ² S	110W
	190M5766	KSM2-1000A/690VAC2KIN/115aR100KA	1000A	180KA ² S	1250KA ² S	115W
	+190M5767	KSM2-1100A/600VAC2KIN/115aR100KA	+1100A	245KA ² S	1600KA ² S	120W
	*190M5768	KSM2-1250A/550VAC2KIN/115aR100KA	*1250A	365KA ² S	2400KA ² S	130W
3KIN/115	190M6758	KSM3-500A/690VAC3KIN/115aR100KA	500A	14KA ² S	95KA ² S	95W
	190M6759	KSM3-550A/690VAC3KIN/115aR100KA	550A	19.5KA ² S	135KA ² S	100W
	190M6760	KSM3-630A/690VAC3KIN/115aR100KA	630A	31KA ² S	210KA ² S	105W
	190M6761	KSM3-700A/690VAC3KIN/115aR100KA	700A	44.5KA ² S	300KA ² S	110W
	190M6762	KSM3-800A/690VAC3KIN/115aR100KA	800A	69.5KA ² S	465KA ² S	115W
	190M6763	KSM3-900A/690VAC3KIN/115aR100KA	900A	100KA ² S	670KA ² S	120W
	190M6764	KSM3-1000A/690VAC3KIN/115aR100KA	1000A	140KA ² S	945KA ² S	125W
	190M6765	KSM3-1100A/690VAC3KIN/115aR100KA	1100A	190KA ² S	1300KA ² S	130W
	190M6766	KSM3-1250A/690VAC3KIN/115aR100KA	1250A	290KA ² S	1950KA ² S	140W
	190M6767	KSM3-1400A/690VAC3KIN/115aR100KA	1400A	370KA ² S	2450KA ² S	155W
	190M6768	KSM3-1500A/690VAC3KIN/115aR100KA	1500A	460KA ² S	3100KA ² S	160W
	190M6769	KSM3-1600A/690VAC3KIN/115aR100KA	1600A	580KA ² S	3900KA ² S	160W
	+190M6770	KSM3-1800A/600VAC3KIN/115aR100KA	+1800A	880KA ² S	†5250KA ² S	165W
	*190M6771	KSM3-2000A/550VAC3KIN/115aR100KA	*2000A	1150KA ² S	*6350KA ² S	175W

†Rated voltage (IEC) 600V. *Rated voltage (IEC) 550V.



Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 2000A aR

Dimensions 安装尺寸图: (mm):



Type :KIN/115								
Size	A	B	C1	C2	D	E	G	L
0	50	20	123	110	10.5	43	58	148
1	50	25	126	100	10.5	51	66	157
2	50	25	125	99	12.5	60	75	159
3	51	39	125	97	12.5	75	91	155



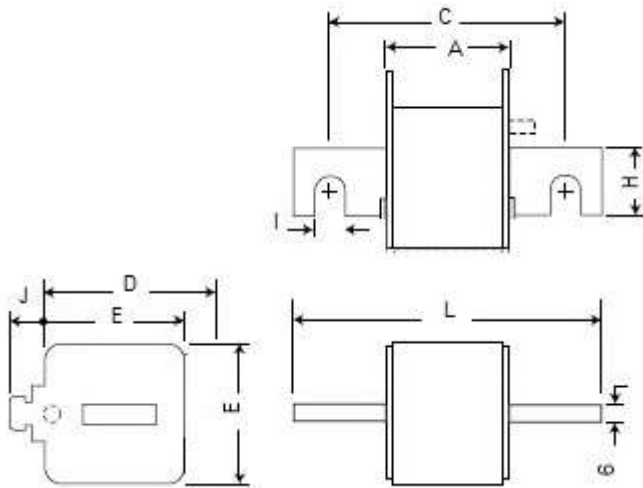
Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 1500A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		-ETN/ Type T Indicato for Micro 微动指示	Ampere Rating (A)	Pre-arcing I ² t (A ² S)	Total I ² t @ 660V (A ² S)	Power P _n (W)
0ETN/76	190M3308	KSE0-40A/690VAC 0ETN/76aR100KA	40A	40A ² S	270A ² S	9W
	190M3309	KSE0-50A/690VAC 0ETN/76aR100KA	50A	77A ² S	515A ² S	11W
	190M3310	KSE0-63A/690VAC 0ETN/76aR100KA	63A	115A ² S	770A ² S	14W
	190M3311	KSE0-80A/690VAC 0ETN/76aR100KA	80A	185A ² S	1250A ² S	18W
	190M3312	KSE0-100A/690VAC 0ETN/76aR100KA	100A	360A ² S	2450A ² S	21W
	190M3313	KSE0-125A/690VAC 0ETN/76aR100KA	125A	550A ² S	3700A ² S	26W
	190M3314	KSE0-160A/690VAC 0ETN/76aR100KA	160A	1100A ² S	7500A ² S	30W
	190M3315	KSE0-200A/690VAC 0ETN/76aR100KA	200A	2200A ² S	12300A ² S	35W
	190M3316	KSE0-250A/690VAC 0ETN/76aR100KA	250A	4200A ² S	28500A ² S	40W
	190M3317	KSE0-315A/690VAC 0ETN/76aR100KA	315A	7000A ² S	46500A ² S	50W
	190M3318	KSE0-350A/690VAC 0ETN/76aR100KA	350A	10000A ² S	68500A ² S	55W
	190M3319	KSE0-400A/690VAC 0ETN/76aR100KA	400A	15000A ² S	105000A ² S	60W
	190M3320	KSE0-450A/690VAC 0ETN/76aR100KA	450A	21000A ² S	140000A ² S	65W
	190M3321	KSE0-500A/690VAC 0ETN/76aR100KA	500A	27000A ² S	180000A ² S	70W
1ETN/86	190M4308	KSE1-200A/690VAC1ETN/86aR100KA	200A	1650A ² S	11500A ² S	45W
	190M4309	KSE1-250A/690VAC1ETN/86aR100KA	250A	3100A ² S	21000A ² S	55W
	190M4310	KSE1-315A/690VAC1ETN/86aR100KA	315A	6200A ² S	42000A ² S	58W
	190M4311	KSE1-350A/690VAC1ETN/86aR100KA	350A	8500A ² S	59000A ² S	60W
	190M4312	KSE1-400A/690VAC1ETN/86aR100KA	400A	13500A ² S	91500A ² S	65W
	190M4313	KSE1-450A/690VAC1ETN/86aR100KA	450A	17000A ² S	120000A ² S	70W
	190M4314	KSE1-500A/690VAC1ETN/86aR100KA	500A	25000A ² S	170000A ² S	72W
	190M4315	KSE1-550A/690VAC1ETN/86aR100KA	550A	34000A ² S	230000A ² S	75W
	190M4316	KSE1-630A/690VAC1ETN/86aR100KA	630A	52000A ² S	350000A ² S	80W
	190M4317	KSE1-700A/690VAC1ETN/86aR100KA	700A	69500A ² S	465000A ² S	85W
	190M4318	KSE1-800A/690VAC1ETN/86aR100KA	800A	105000A ² S	725000A ² S	95W
2ETN/91	190M5308	KSE2-400A/690VAC2ETN/91aR100KA	400A	11000A ² S	74000A ² S	65W
	190M5309	KSE2-450A/690VAC2ETN/91aR100KA	450A	15500A ² S	105000A ² S	70W
	190M5310	KSE2-500A/690VAC2ETN/91aR100KA	500A	21500A ² S	145000A ² S	75W
	190M5311	KSE2-550A/690VAC2ETN/91aR100KA	550A	28000A ² S	190000A ² S	80W
	190M5312	KSE2-630A/690VAC2ETN/91aR100KA	630A	41000A ² S	275000A ² S	90W
	190M5313	KSE2-700A/690VAC2ETN/91aR100KA	700A	60500A ² S	405000A ² S	95W
	190M5314	KSE2-800A/690VAC2ETN/91aR100KA	800A	86000A ² S	575000A ² S	105W
	190M5315	KSE2-900A/690VAC2ETN/91aR100KA	900A	125000A ² S	840000A ² S	110W
	190M5316	KSE2-1000A/690VAC2ETN/91aR100KA	1000A	180000A ² S	125000A ² S0	115W

Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 1500A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		-ETN/ Type T	Ampere Rating (A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power P _n (W)
		Indicato for Micro 微动指示				
3ETN/91	190M6308	KSE3-500A/690VAC3ETN/91aR100KA	500A	14KA²S	95KA²S	95W
	190M6309	KSE3-550A/690VAC3ETN/91aR100KA	550A	19.5KA²S	135KA²S	100W
	190M6310	KSE3-630A/690VAC3ETN/91aR100KA	630A	31KA²S	210KA²S	105W
	190M6311	KSE3-700A/690VAC3ETN/91aR100KA	700A	44.5KA²S	300KA²S	110W
	190M6312	KSE3-800A/690VAC3ETN/91aR100KA	800A	69.5KA²S	465KA²S	115W
	190M6313	KSE3-900A/690VAC3ETN/91aR100KA	900A	100KA²S	670KA²S	120W
	190M6314	KSE3-1000A/690VAC3ETN/91aR100KA	1000A	140KA²S	945KA²S	125W
	190M6315	KSE3-1100A/690VAC3ETN/91aR100KA	1100A	190KA²S	1300KA²S	130W
	190M6316	KSE3-1250A/690VAC3ETN/91aR100KA	1250A	290KA²S	1950KA²S	140W
	190M6317	KSE3-1400A/690VAC3ETN/91aR100KA	1400A	370KA²S	2450KA²S	155W
	190M6318	KSE3-1500A/690VAC3ETN/91aR100KA	1500A	460KA²S	3100KA²S	160W

Dimensions 安装尺寸图: (mm):



Type -ETN							
Size	A	C	D	E	H	I	L
0	50	76	59	43	18	9	102
1	50	86	69	51	25	11	111
2	50	91	77	60	30	13	126
3	51	91	92	75	39	13	126

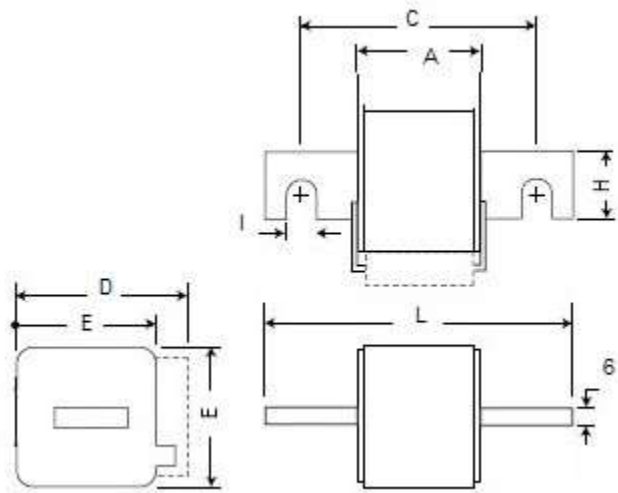
Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 1500A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		-EKS/ Type T Indicato for Micro 微动指示	Ampere Rating (A)	Pre-arcing I ² t (A ² S)	Total I ² t @ 660V (A ² S)	Power P _n (W)
0EKS/76	190M3358	KSE0-40A/690VAC 0EKS/76aR100KA	40A	40A ² S	270A ² S	9W
	190M3359	KSE0-50A/690VAC 0EKS/76aR100KA	50A	77A ² S	515A ² S	11W
	190M3360	KSE0-63A/690VAC 0EKS/76aR100KA	63A	115A ² S	770A ² S	14W
	190M3361	KSE0-80A/690VAC 0EKS/76aR100KA	80A	185A ² S	1250A ² S	18W
	190M3362	KSE0-100A/690VAC 0EKS/76aR100KA	100A	360A ² S	2450A ² S	21W
	190M3363	KSE0-125A/690VAC 0EKS/76aR100KA	125A	550A ² S	3700A ² S	26W
	190M3364	KSE0-160A/690VAC 0EKS/76aR100KA	160A	1100A ² S	7500A ² S	30W
	190M3365	KSE0-200A/690VAC 0EKS/76aR100KA	200A	2200A ² S	12300A ² S	35W
	190M3366	KSE0-250A/690VAC 0EKS/76aR100KA	250A	4200A ² S	28500A ² S	40W
	190M3367	KSE0-315A/690VAC 0EKS/76aR100KA	315A	7000A ² S	46500A ² S	50W
	190M3368	KSE0-350A/690VAC 0EKS/76aR100KA	350A	10000A ² S	68500A ² S	55W
	190M3369	KSE0-400A/690VAC 0EKS/76aR100KA	400A	15000A ² S	105000A ² S	60W
	190M3370	KSE0-450A/690VAC 0EKS/76aR100KA	450A	21000A ² S	140000A ² S	65W
	190M3371	KSE0-500A/690VAC 0EKS/76aR100KA	500A	27000A ² S	180000A ² S	70W
1EKS/86	190M4358	KSE1-200A/690VAC1EKS/86aR100KA	200A	1650A ² S	11500A ² S	45W
	190M4359	KSE1-250A/690VAC1EKS/86aR100KA	250A	3100A ² S	21000A ² S	55W
	190M4360	KSE1-315A/690VAC1EKS/86aR100KA	315A	6200A ² S	42000A ² S	58W
	190M4361	KSE1-350A/690VAC1EKS/86aR100KA	350A	8500A ² S	59000A ² S	60W
	190M4362	KSE1-400A/690VAC1EKS/86aR100KA	400A	13500A ² S	91500A ² S	65W
	190M4363	KSE1-450A/690VAC1EKS/86aR100KA	450A	17000A ² S	120000A ² S	70W
	190M4364	KSE1-500A/690VAC1EKS/86aR100KA	500A	25000A ² S	170000A ² S	72W
	190M4365	KSE1-550A/690VAC1EKS/86aR100KA	550A	34000A ² S	230000A ² S	75W
	190M4366	KSE1-630A/690VAC1EKS/86aR100KA	630A	52000A ² S	350000A ² S	80W
	190M4367	KSE1-700A/690VAC1EKS/86aR100KA	700A	69500A ² S	465000A ² S	85W
	190M4368	KSE1-800A/690VAC1EKS/86aR100KA	800A	105000A ² S	725000A ² S	95W
2EKS/91	190M5358	KSE2-400A/690VAC2EKS/91aR100KA	400A	11000A ² S	74000A ² S	65W
	190M5359	KSE2-450A/690VAC2EKS/91aR100KA	450A	15500A ² S	105000A ² S	70W
	190M5360	KSE2-500A/690VAC2EKS/91aR100KA	500A	21500A ² S	145000A ² S	75W
	190M5361	KSE2-550A/690VAC2EKS/91aR100KA	550A	28000A ² S	190000A ² S	80W
	190M5362	KSE2-630A/690VAC2EKS/91aR100KA	630A	41000A ² S	275000A ² S	90W
	190M5363	KSE2-700A/690VAC2EKS/91aR100KA	700A	60500A ² S	405000A ² S	95W
	190M5364	KSE2-800A/690VAC2EKS/91aR100KA	800A	86000A ² S	575000A ² S	105W
	190M5365	KSE2-900A/690VAC2EKS/91aR100KA	900A	125000A ² S	840000A ² S	110W
	190M5366	KSE2-1000A/690VAC2EKS/91aR100KA	1000A	180000A ² S	125000A ² S0	115W

Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 500A to 1500A aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		-EKS/ Type T Indicato for Micro 微动指示	Ampere Rating (A)	Pre-arcing I²t (KA²S)	Total I²t @ 660V (KA²S)	Power P _n (W)
3EKS/91	190M6358	KSE3-500A/690VAC3EKS/91aR100KA	500A	14KA²S	95KA²S	95W
	190M6359	KSE3-550A/690VAC3EKS/91aR100KA	550A	19.5KA²S	135KA²S	100W
	190M6360	KSE3-630A/690VAC3EKS/91aR100KA	630A	31KA²S	210KA²S	105W
	190M6361	KSE3-700A/690VAC3EKS/91aR100KA	700A	44.5KA²S	300KA²S	110W
	190M6362	KSE3-800A/690VAC3EKS/91aR100KA	800A	69.5KA²S	465KA²S	115W
	190M6363	KSE3-900A/690VAC3EKS/91aR100KA	900A	100KA²S	670KA²S	120W
	190M6364	KSE3-1000A/690VAC3EKS/91aR100KA	1000A	140KA²S	945KA²S	125W
	190M6365	KSE3-1100A/690VAC3EKS/91aR100KA	1100A	190KA²S	1300KA²S	130W
	190M6366	KSE3-1250A/690VAC3EKS/91aR100KA	1250A	290KA²S	1950KA²S	140W
	190M6367	KSE3-1400A/690VAC3EKS/91aR100KA	1400A	370KA²S	2450KA²S	155W
	190M6368	KSE3-1500A/690VAC3EKS/91aR100KA	1500A	460KA²S	3100KA²S	160W

Dimensions 安装尺寸图: (mm):



Type -ETN							
Size	A	C	D	E	H	I	L
0	50	76	59	43	18	9	102
1	50	86	69	51	25	11	111
2	50	91	77	60	30	13	126
3	51	91	92	75	39	13	126

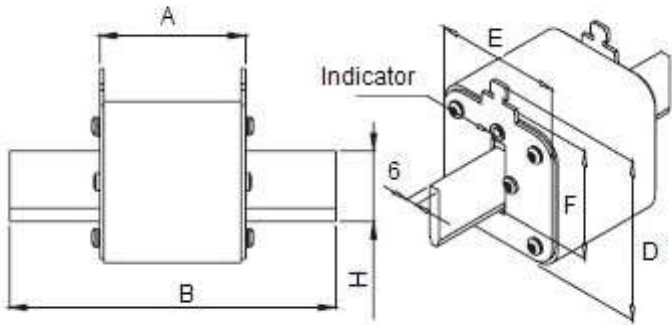
Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 10A to 800A gR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics 电气特性			
		TypeT indicator For Micro顶部指示	Ampere Rating(A)	Pre-arcing I ² t (A ² S)	Total I ² t @ 690V(A ² S)	Power P _n (W)
DIN00/80	190M2691	KH00-10A/690VAC DIN00/80gR100KA	10A	3.8A ² S	20A ² S	3.5W
	190M2692	KH00-16A/690VAC DIN00/80gR100KA	16A	7.2A ² S	38A ² S	5.5W
	190M2693	KH00-20A/690VAC DIN00/80gR100KA	20A	13A ² S	70A ² S	6W
	190M2694	KH00-25A/690VAC DIN00/80gR100KA	25A	24A ² S	125A ² S	8W
	190M2695	KH00-32A/690VAC DIN00/80gR100KA	32A	53A ² S	275A ² S	9W
	190M2696	KH00-40A/690VAC DIN00/80gR100KA	40A	95A ² S	490A ² S	10W
	190M2697	KH00-50A/690VAC DIN00/80gR100KA	50A	185A ² S	1000A ² S	11W
	190M2698	KH00-63A/690VAC DIN00/80gR100KA	63A	345A ² S	1800A ² S	14W
	190M2699	KH00-80A/690VAC DIN00/80gR100KA	80A	695A ² S	3600A ² S	16W
	190M2700	KH00-100A/690VAC DIN00/80gR100KA	100A	1250A ² S	6650A ² S	19W
	190M2701	KH00-125A/690VAC DIN00/80gR100KA	125A	2300A ² S	12000A ² S	23W
	190M2702	KH00-160A/690VAC DIN00/80gR100KA	160A	4350A ² S	22500A ² S	29W
DINI/135	190M4176	KH1-50A/690VAC DIN1/135 gR100KA	50A	135A ² S	705A ² S	12W
	190M4177	KH1-63A/690VAC DIN1/135 gR100KA	63A	245A ² S	1300A ² S	15W
	190M4178	KH1-80A/690VAC DIN1/135 gR100KA	80A	500A ² S	2600A ² S	17W
	190M4179	KH1-100A/690VAC DIN1/135 gR100KA	100A	950A ² S	4850A ² S	20W
	190M4180	KH1-125A/690VAC DIN1/135 gR100KA	125A	1850A ² S	9500A ² S	23W
	190M4181	KH1-160A/690VAC DIN1/135 gR100KA	160A	3450A ² S	18000A ² S	28W
	190M4182	KH1-200A/690VAC DIN1/135 gR100KA	200A	6750A ² S	34500A ² S	31W
	190M4183	KH1-250A/690VAC DIN1/135 gR100KA	250A	13500A ² S	70500A ² S	35W
	190M4184	KH1-315A/690VAC DIN1/135 gR100KA	315A	26000A ² S	135000A ² S	41W
	190M4185	KH1-350A/690VAC DIN1/135 gR100KA	350A	34000A ² S	175000A ² S	45W
	190M4186	KH1-400A/690VAC DIN1/135 gR100KA	400A	48500A ² S	250000A ² S	48W
DIN2/150	190M5881	KH2-200A 690VAC DIN2/150 gR100KA	200A	5650A ² S	29000A ² S	33W
	190M5882	KH2-250A 690VAC DIN2/150 gR100KA	250A	10000A ² S	52500A ² S	40W
	190M5883	KH2-315A 690VAC DIN2/150 gR100KA	315A	19500A ² S	105000A ² S	46W
	190M5884	KH2-350A 690VAC DIN2/150 gR100KA	350A	26000A ² S	135000A ² S	50W
	190M5885	KH2-400A 690VAC DIN2/150 gR100KA	400A	39500A ² S	205000A ² S	53W
	190M5886	KH2-450A 690VAC DIN2/150 gR100KA	450A	55500A ² S	290000A ² S	59W
	190M5887	KH2-500A 690VAC DIN2/150 gR100KA	500A	73000A ² S	375000A ² S	66W
	190M5888	KH2-550A 690VAC DIN2/150 gR100KA	550A	100000A ² S	515000A ² S	70W
	190M5889	KH2-630A 690VAC DIN2/150 gR100KA	630A	150000A ² S	770000A ² S	79W

Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 10A to 800A gR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics 电气特性			
		TypeT indicator For Micro顶部指示	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ 690V(A²S)	Power Pn(W)
DIN3/150	190M6080	KH3-350A/690VAC DIN3/150gR100KA	350A	23000A²S	120000A²S	55W
	190M6081	KH3-400A/690VAC DIN3/150gR100KA	400A	34000A²S	175000A²S	59W
	190M6082	KH3-450A/690VAC DIN3/150gR100KA	450A	48500A²S	250000A²S	62W
	190M6083	KH3-500A/690VAC DIN3/150gR100KA	500A	64000A²S	330000A²S	67W
	190M6084	KH3-550A/690VAC DIN3/150gR100KA	550A	84500A²S	435000A²S	70W
	190M6085	KH3-630A/690VAC DIN3/150gR100KA	630A	125000A²S	645000A²S	85W
	190M6086	KH3-700A/690VAC DIN3/150gR100KA	700A	160000A²S	840000A²S	93W
	190M6087	KH3-800A/690VAC DIN3/150gR100KA	800A	245000A²S	1300000A²S	99W

Dimensions 安装尺寸图: (mm):



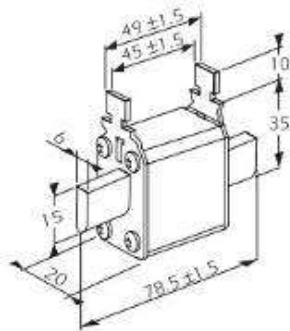
Type DIN00, DIN1,DIN2,DIN3						
size	A	B	D	E	F	H
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3	68	150	89	75	60	32



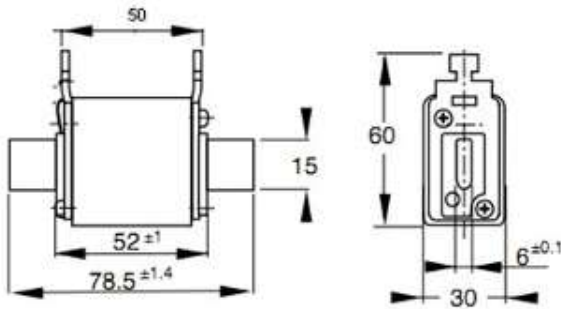
Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 10A to 1600A aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics 电气特性			
		TypeT indicator For Micro顶部指示	Ampere Rating(A)	Pre-arcing I ² t (A ² S)	Total I ² t @ 690V(A ² S)	Power P _n (W)
DIN000/80	190M1558	KH000-10A/690VAC DIN000/80 aR100KA	10A	4A ² S	27A ² S	2.5W
	190M1559	KH000-16A/690VAC DIN000/80 aR100KA	16A	7A ² S	51A ² S	4W
	190M1560	KH000-20A/690VAC DIN000/80 aR100KA	20A	11.5A ² S	82.5A ² S	5W
	190M1561	KH000-25A/690VAC DIN000/80 aR100KA	25A	19A ² S	140A ² S	6W
	190M1562	KH000-32A/690VAC DIN000/80 aR100KA	32A	40A ² S	285A ² S	7W
	190M1563	KH000-40A/690VAC DIN000/80 aR100KA	40A	65A ² S	490A ² S	8.5W
	190M1564	KH000-50A/690VAC DIN000/80 aR100KA	50A	115A ² S	815A ² S	9.5W
	190M1565	KH000-63A/690VAC DIN000/80 aR100KA	63A	215A ² S	1550A ² S	11.5W
	190M1566	KH000-80A/690VAC DIN000/80 aR100KA	80A	380A ² S	2700A ² S	15W
	190M1567	KH000-100A/690VAC DIN000/80 aR100KA	100A	695A ² S	4950A ² S	16.5W
	190M1568	KH000-125A/690VAC DIN000/80 aR100KA	125A	1180A ² S	8250A ² S	21.5W
	190M1569	KH000-160A/690VAC DIN000/80 aR100KA	160A	2300A ² S	16500A ² S	25W
	190M1570	KH000-200A/690VAC DIN000/80 aR100KA	200A	4350A ² S	31000A ² S	29.5W
	190M1571	KH000-250A/690VAC DIN000/80 aR100KA	250A	7900A ² S	56000A ² S	35.5W
DIN00/80	190M1572	KH00-315A/690VACDIN00/80aR100KA	315A	12000A ² S	84500A ² S	45W

Dimensions 安装尺寸图: (mm):DIN000/80



Dimensions 安装尺寸图: (mm):DIN00/80



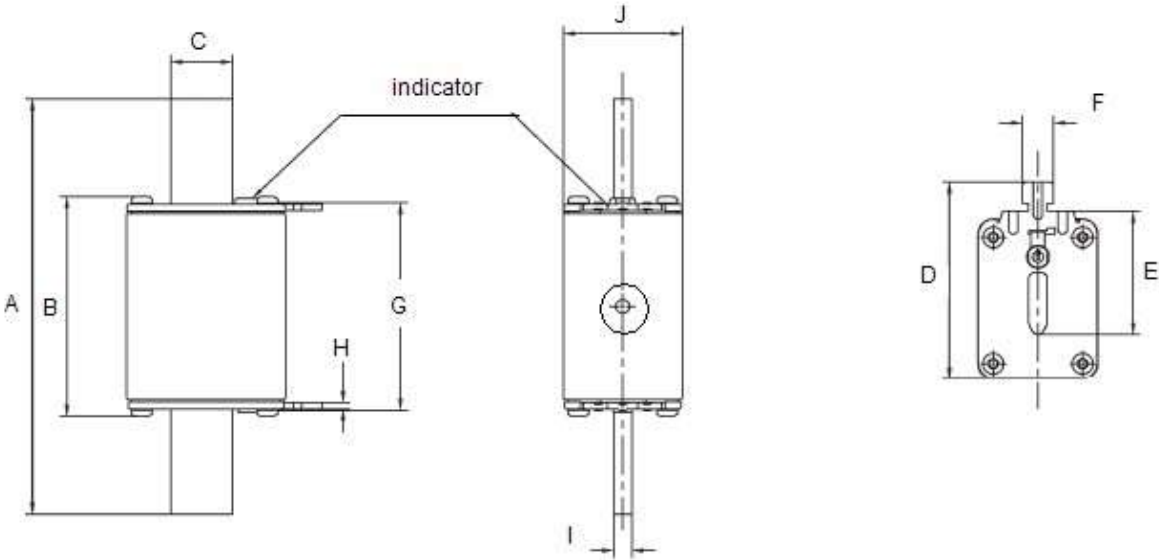
Main Characteristics 主要技术参数 电压等级:690V~700VAC 电流范围:from 10A to 1600A aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type 型号规格	Electrical Characteristics 电气特性			
		Dual Indicator 双指示	Ampere Rating(A)	Pre-arcing I ² t (A ² S)	Total I ² t @ 690V(A ² S)	Power P _n (W)
DIN1/135D	190M3808D	KH1-40A/690VACDIN1/135D aR100KA	40A	40A ² S	285A ² S	4W
	190M3809D	KH1-50A/690VACDIN1/135D aR100KA	50A	78A ² S	550A ² S	4.5W
	190M3810D	KH1-63A/690VACDIN1/135D aR100KA	63A	120A ² S	850A ² S	6.5W
	190M3811D	KH1-80A/690VACDIN1/135D aR100KA	80A	185A ² S	1350A ² S	8.5W
	190M3812D	KH1-100A/690VACDIN1/135D aR100KA	100A	360A ² S	2600A ² S	10W
	190M3813D	KH1-125A/690VACDIN1/135D aR100KA	125A	550A ² S	3900A ² S	11W
	190M3814D	KH1-160A/690VACDIN1/135D aR100KA	160A	1150A ² S	8250A ² S	12W
	190M3815D	KH1-200A/690VACDIN1/135D aR100KA	200A	2300A ² S	16500A ² S	12.5W
	190M3816D	KH1-250A/690VACDIN1/135D aR100KA	250A	4350A ² S	31000A ² S	16W
	190M3817D	KH1-315A/690VACDIN1/135D aR100KA	315A	7300A ² S	52000A ² S	20W
	190M3818D	KH1-350A/690VACDIN1/135D aR100KA	350A	10000A ² S	73000A ² S	21.5W
	190M3819D	KH1-400A/690VACDIN1/135D aR100KA	400A	16000A ² S	115000A ² S	23W
	190M4863D	KH1-450A/690VACDIN1/135D aR100KA	450A	21500A ² S	155000A ² S	26.5W
	190M4864D	KH1-500A/690VACDIN1/135D aR100KA	500A	27000A ² S	190000A ² S	28.5W
	190M4865D	KH1-550A/690VACDIN1/135D aR100KA	550A	33500A ² S	240000A ² S	33W
	190M4866D	KH1-630A/690VACDIN1/135D aR100KA	630A	48500A ² S	345000A ² S	37.5W
	190M4867D	KH1-700A/690VACDIN1/135D aR100KA	700A	69500A ² S	495000A ² S	39W
DIN2/150D	190M5808D	KH2-400A/690VAC DIN2/150D aR100KA	400A	11000A ² S	79000A ² S	29W
	190M5809D	KH2-450A/690VAC DIN2/150D aR100KA	450A	16000A ² S	115000A ² S	32W
	190M5810D	KH2-500A/690VAC DIN2/150D aR100KA	500A	21500A ² S	155000A ² S	34W
	190M5811D	KH2-550A/690VAC DIN2/150D aR100KA	550A	29000A ² S	215000A ² S	36W
	190M5812D	KH2-630A/690VAC DIN2/150D aR100KA	630A	41000A ² S	295000A ² S	42W
	190M5813D	KH2-700A/690VAC DIN2/150D aR100KA	700A	60500A ² S	430000A ² S	43W
	190M5814D	KH2-800A/690VAC DIN2/150D aR100KA	800A	86000A ² S	610000A ² S	48W
	190M5815D	KH2-900A/690VAC DIN2/150D aR100KA	900A	125000A ² S	895000A ² S	52W
	190M5816D	KH2-1000A/690VAC DIN2/150D aR100KA	1000A	180000A ² S	1300000A ² S	53W
	190M5817D	KH2-1100A/690VAC DIN2/150D aR100KA	1100A	245000A ² S	1750000A ² S	56W
DIN3/150D	190M6808D	KH3-500A/690VAC DIN3/150D aR100KA	500A	14000A ² S	99500A ² S	43W
	190M6809D	KH3-550A/690VAC DIN3/150D aR100KA	550A	19500A ² S	140000A ² S	44W
	190M6810D	KH3-630A/690VAC DIN3/150D aR100KA	630A	31000A ² S	220000A ² S	45W
	190M6811D	KH3-700A/690VAC DIN3/150D aR100KA	700A	45000A ² S	320000A ² S	46W
	190M6812D	KH3-800A/690VAC DIN3/150D aR100KA	800A	69500A ² S	490000A ² S	48W

Main Characteristics主要技术参数 电压等级:690V~700VAC 电流范围:from 10A to 1600A aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics 电气特性			
		Dual Indicator双指示	Ampere Rating(A)	Pre-arcing I²t (KA²S)	Total I²t @ 690V(KA²S)	Power P _n (W)
DIN3/150D	190M6813D	KH3-900A/690VAC DIV3/150D aR100KA	900A	100A²S	720KA²S	50W
	190M6814D	KH3-1000A/690VAC DIV3/150D aR100KA	1000A	140KA²S	985KA²S	56W
	190M6892D	KH3-1100A/690VAC DIV3/150D aR100KA	1100A	190KA²S	1400KA²S	57W
	190M8554D	KH3-1250A/690VAC DIV3/150D aR100KA	1250A	300KA²S	2150KA²S	61W
	190M8555D	KH3-1400A/690VAC DIV3/150D aR100KA	1400A	380KA²S	2700KA²S	70W
	190M8556D	KH3-1500A/690VAC DIV3/150D aR100KA	1500A	470KA²S	3350KA²S	72W
	190M8557D	KH3-1600A/690VAC DIV3/150D aR100KA	1600A	585KA²S	4150KA²S	74W

Dimensions 安装尺寸图: (mm):



size	A	B	C	D	E	F	G	H	I	J
1	135	72	20	64	40	10	68	2	6	48
2	150	72	25	72	48	10	68	2	6	58
3	150	73	32	87	60	10	69	2.5	6	68

Main Characteristics 主要技术参数 电压等级:1000VAC 电流范围:from 50A to 1400A 类别: aR

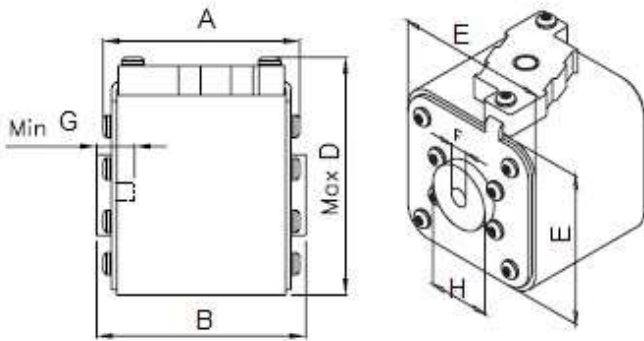
Size 瓷瓶 代号	Catalog Numbers	Designation Type 型号规格	Electrical Characteristics 电气特性			
		-BKN/ 75Type Indicator foMicro中部微动指示	Rating Ampere (A)	Pre-arcing I ² t (A ² S)	Total I ² t @ 1000V(A ² S)	Watts Loss(W)
0BKN/75	190M3951	KSP0-50A/1000VAC 0BKN/75aR100KA	50A	135A ² S	815A ² S	20W
	190M3952	KSP0-63A/1000VAC 0BKN/75aR100KA	63A	215A ² S	1300A ² S	25W
	190M3953	KSP0-80A/1000VAC 0BKN/75aR100KA	80A	460A ² S	2750A ² S	30W
	190M3954	KSP0-100A/1000VAC 0BKN/75aR100KA	100A	860A ² S	5100A ² S	35W
	190M3955	KSP0-125A/1000VAC 0BKN/75aR100KA	125A	1450A ² S	8600A ² S	40W
	190M3956	KSP0-160A/1000VAC 0BKN/75aR100KA	160A	2850A ² S	17500A ² S	45W
	190M3957	KSP0-200A/1000VAC 0BKN/75aR100KA	200A	4950A ² S	29500A ² S	48W
	190M3958	KSP0-250A/1000VAC 0BKN/75aR100KA	250A	9550A ² S	57000A ² S	50W
	190M3959	KSP0-315A/1000VAC 0BKN/75aR100KA	315A	21500A ² S	130000A ² S	60W
	190M3960	KSP0-350A/1000VAC 0BKN/75aR100KA	350A	29000A ² S	175000A ² S	65W
	190M3961	KSP0-400A/1000VAC 0BKN/75aR100KA	400A	42000A ² S	250000A ² S	70W
1BKN/75	190M4951	KSP1-160A/1000VAC 1BKN/75aR100KA	160A	2200A ² S	13500A ² S	40W
	190M4952	KSP1-200A/1000VAC 1BKN/75aR100KA	200A	4150A ² S	24500A ² S	45W
	190M4953	KSP1-250A/1000VAC 1BKN/75aR100KA	250A	7750A ² S	46000A ² S	52W
	190M4954	KSP1-315A/1000VAC 1BKN/75aR100KA	315A	16500A ² S	98500A ² S	60W
	190M4955	KSP1-350A/1000VAC 1BKN/75aR100KA	350A	21500A ² S	130000A ² S	65W
	190M4956	KSP1-400A/1000VAC 1BKN/75aR100KA	400A	31000A ² S	185000A ² S	70W
	190M4957	KSP1-450A/1000VAC 1BKN/75aR100KA	450A	44500A ² S	265000A ² S	80W
	190M4958	KSP1-500A/1000VAC 1BKN/75aR100KA	500A	63000A ² S	375000A ² S	85W
	190M4959	KSP1-550A/1000VAC 1BKN/75aR100KA	550A	84500A ² S	500000A ² S	90W
	190M4960	KSP1-630A/1000VAC 1BKN/75aR100KA	630A	125000A ² S	755000A ² S	98W
2BKN/75	190M5952	KSP2-250A/1000VAC 2BKN/75aR100KA	250A	6750A ² S	40000A ² S	65W
	190M5953	KSP2-315A/1000VAC 2BKN/75aR100KA	315A	13500A ² S	81500A ² S	75W
	190M5954	KSP2-350A/1000VAC 2BKN/75aR100KA	350A	16500A ² S	99000A ² S	80W
	190M5955	KSP2-400A/1000VAC 2BKN/75aR100KA	400A	26000A ² S	155000A ² S	85W
	190M5956	KSP2-450A/1000VAC 2BKN/75aR100KA	450A	35500A ² S	210000A ² S	90W
	190M5957	KSP2-500A/1000VAC 2BKN/75aR100KA	500A	49500A ² S	295000A ² S	95W
	190M5958	KSP2-550A/1000VAC 2BKN/75aR100KA	550A	66000A ² S	390000A ² S	100W
	190M5959	KSP2-630A/1000VAC 2BKN/75aR100KA	630A	93500A ² S	555000A ² S	110W
	190M5960	KSP2-700A/1000VAC 2BKN/75aR100KA	700A	130000A ² S	770000A ² S	115W
	190M5961	KSP2-800A/1000VAC 2BKN/75aR100KA	800A	195000A ² S	1200000A ² S	125W

Main Characteristics主要技术参数 电压等级:1000VAC 电流范围:from 50A to 1400A类别: aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气特性			
		-BKN/ 75Type	Rating Ampere (A)	Pre-arcing I ² t (KA²S)	Total I ² t @ 1000V(KA²S)	Watts Loss(W)
		Indicator foMicro中部微动指示				
3BKN/75	190M8600	KSP3-315A/1000VAC3BKN75aR100KA	315A	9.2KA²S	54.5KA²S	90W
	190M8601	KSP3-350A/1000VAC3BKN75aR100KA	350A	13KA²S	77.5KA²S	95W
	190M8602	KSP3-400A/1000VAC3BKN75aR100KA	400A	19KA²S	115KA²S	105W
	190M8603	KSP3-450A/1000VAC3BKN75aR100KA	450A	27KA²S	160KA²S	107W
	190M8604	KSP3-500A/1000VAC3BKN75aR100KA	500A	37.5KA²S	225KA²S	110W
	190M8605	KSP3-550A/1000VAC3BKN75aR100KA	550A	52KA²S	310KA²S	115W
	190M8606	KSP3-630A/1000VAC3BKN75aR100KA	630A	82.5KA²S	490KA²S	120W
	190M8607	KSP3-700A/1000VAC3BKN75aR100KA	700A	115KA²S	700KA²S	125W
	190M8608	KSP3-800A/1000VAC3BKN75aR100KA	800A	170KA²S	1050KA²S	135W
	190M8609	KSP3-900A/1000VAC3BKN75aR100KA	900A	250KA²S	1500KA²S	145W
	190M8610	KSP3-1000A/1000VAC3BKN75aR100KA	1000A	340KA²S	2050KA²S	150W
	190M8611	KSP3-1100A/1000VAC3BKN75aR100KA	1100A	460KA²S	2750KA²S	155W

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气特性			
		-BKN/ 90Type	Rating Ampere (A)	Pre-arcing I ² t (KA²S)	Total I ² t @ 900V(KA²S)	Watts Loss(W)
		K Indicator foMicro中部微动指示				
3BKN/90	190M8612	KSP3-1250A/1000VAC3BKN90aR00KA	1250A	575KA²S	3400KA²S	175W
	190M8613	KSP3-1400A/1000VAC3BKN90aR00KA	1400A	795KA²S	4200KA²S	185W

Dimensions 安装尺寸图 (mm):

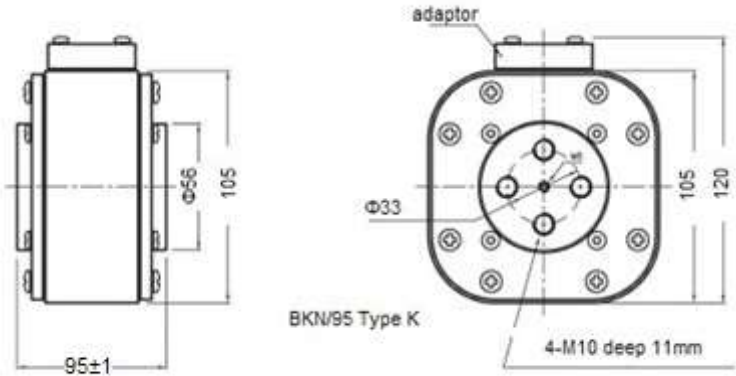


CatalogNumbers	A	B	D	E	F	G	H
0BKN/75	73	75	58	43	M8	8	Φ17
1BKN/75	73	75	66	51	M8	8	Φ20
2BKN/75	73	75	75	60	M10	10	Φ25
3BKN/75	73	75	90	75	M12	10	Φ30
3BKN/90	73	90	90	75	M12	10	Φ30

Main Characteristics主要技术参数 电压等级:1000VAC 电流范围:from 1500A to 3000A类别： aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气特性			
		5BKN/ 95Type K Indicator for Micro中部微动指示	Rating Ampere (A)	Pre-arcing I²t (KA²S)	Total I²t @ 1000V(KA²S)	Watts Loss(W)
5BKN/95	190M7636	KSP54-1500A/1000VAC 5BKN/95aR100KA	1500A	600KA²S	3600KA²S	250W
	190M7639	KSP54-1700A/1000VAC 5BKN/95aR100KA	1700A	850KA²S	5000KA²S	260W
	190M7661	KSP54-1800A/1000VAC 5BKN/95aR100KA	1800A	1000KA²S	5950KA²S	265W
	190M7963	KSP54-2000A/1000VAC 5BKN/95aR100KA	2000A	1450KA²S	8600KA²S	270W
	190M7090	KSP54-2200A/1000VAC 5BKN/95aR100KA	2200A	2000KA²S	12000KA²S	280W
	190M7640	KSP54-2500A/1000VAC 5BKN/95aR100KA	2500A	3000KA²S	18000KA²S	295W
	190M7658	KSP54-2700A/1000VAC 5BKN/95aR100KA	2700A	3700KA²S	22000KA²S	310W
	190M7962	KSP54-3000A/1000VAC 5BKN/95aR100KA	3000A	4700KA²S	28000KA²S	380W

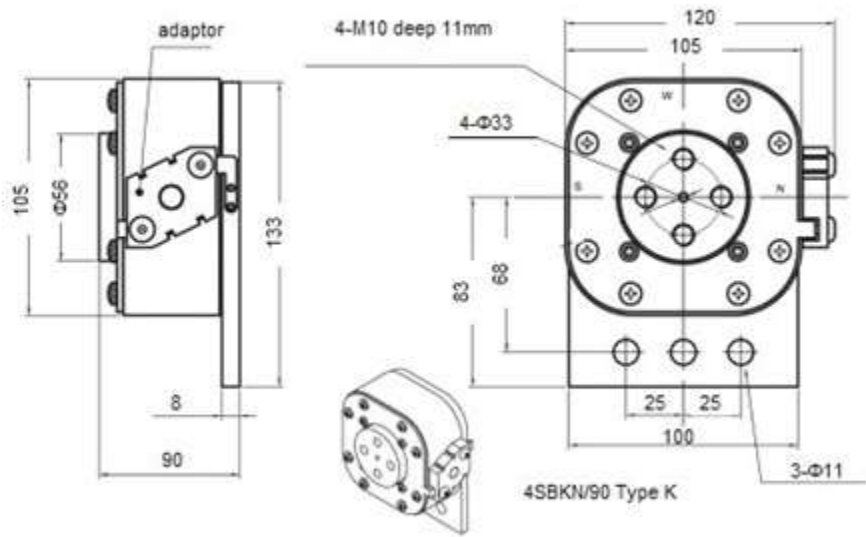
Dimensions 安装尺寸图：(mm):



Main Characteristics 主要技术参数 电压:1000VAC 电流范围:from 1500A to 3000A 类别： aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type型号规格	Electrical Characteristics电气特性			
		5SBKN/ 95Type K Indicator for Micro中部微动指示	Rating Ampere (A)	Pre-arcing I²t (KA²S)	Total I²t @ 1000V(KA²S)	Watts Loss(W)
5SBKN/95	190M7542	KSP54S-1500A/1000VAC5SBKN/95aR100KA	1500A	600KA²S	3600KA²S	250W
	190M7031	KSP54S-1700A/1000VAC5SBKN/95aR100KA	1700A	850KA²S	5000KA²S	260W
	190M7548	KSP54S-1800A/1000VAC5SBKN/95aR100KA	1800A	1000KA²S	5950KA²S	265W
	190M7034	KSP54S-2000A/1000VAC5SBKN/95aR100KA	2000A	1450KA²S	8600KA²S	270W
	190M7053	KSP54S-2200A/1000VAC5SBKN/95aR100KA	2200A	2000KA²S	12000KA²S	280W
	190M7544	KSP54S-2500A/1000VAC5SBKN/95aR100KA	2500A	3000KA²S	18000KA²S	295W
	190M7035	KSP54S-2700A/1000VAC5SBKN/95aR100KA	2700A	3700KA²S	22000KA²S	310W
	190M7036	KSP54S-3000A/1000VAC5SBKN/95aR100KA	3000A	4700KA²S	28000KA²S	380W

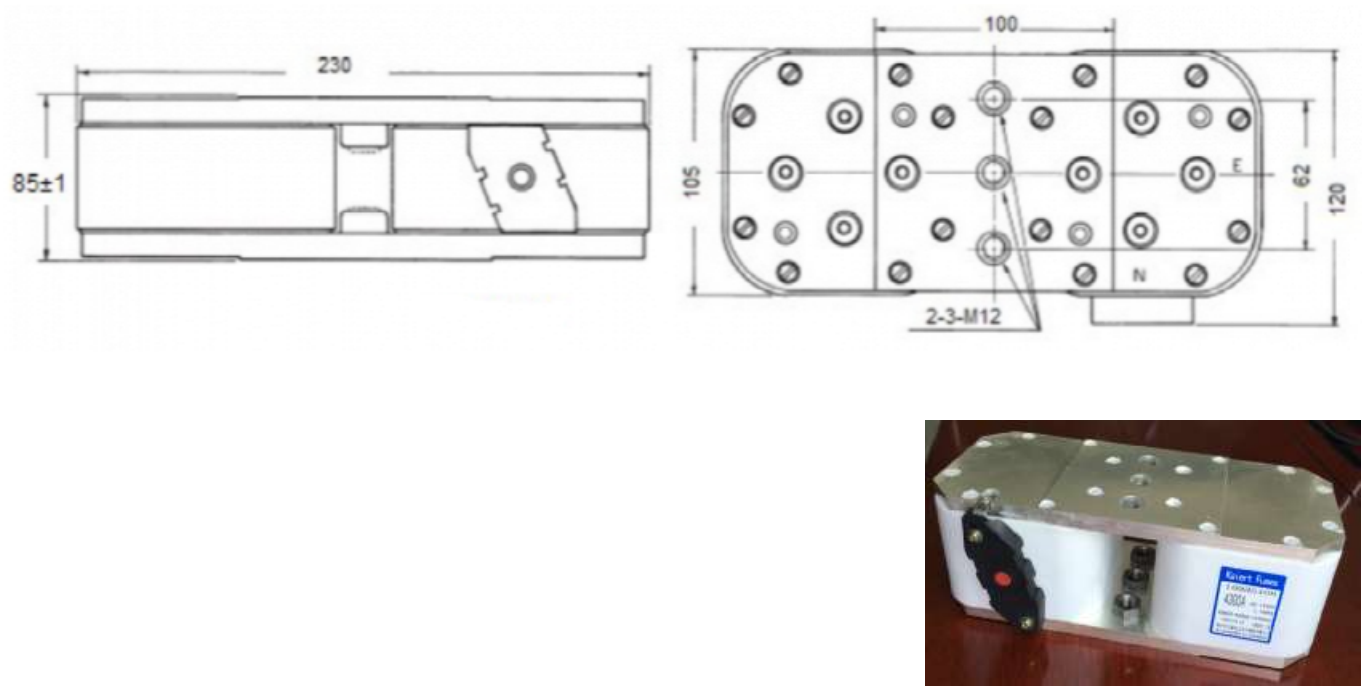
Dimensions 安装尺寸图: (mm):



Main Characteristics 主要技术参数 电压:1000VAC 电流范围:from 2000A to 5000A 类别: aR

Size 瓷管 代号	Catalog Number 订货号	Designation type型号规格	Electrical Characteristics 电气特性				
		25BKE/85 Type K Indicator中部微动指示	Rating Voltage (V)	Rating Ampere (A)	Pre-arcing I²t (KA²S)	Total I²t @ 1000V (KA²S)	Watts Loss (W)
25BK/85	190M7608	KSH25-2000A/1000VAC 25BK/85aR100KA	1000VAC	2000A	885KA²S	5700KA²S	345W
	190M7680	KSH25-3000A/1000VAC 25BK/85aR100KA		3000A	290KA²S	19000KA²S	430W
	190M7567	KSH25-3200A/1000VAC 25BK/85aR100KA		3200A	3300KA²S	2000KA²S	440W
	190M7568	KSH25-3500A/1000VAC 25BK/85aR100KA		3500A	4500KA²S	27000KA²S	450W
	190M7569	KSH25-4000A/1000VAC 25BK/85aR100KA		4000A	6800KA²S	40000KA²S	475W
	190M7498	KSH25-4200A/1000VAC 25BK/85aR100KA		4200A	8000KA²S	47500KA²S	485W
	190M7488	KSH25-4500A/1000VAC 25BK/85aR100KA		4500A	10000KA²S	59000KA²S	495W
	190M7622	KSH25-5000A/1000VAC 25BK/85aR100KA		5000A	14000KA²S	82500KA²S	540W

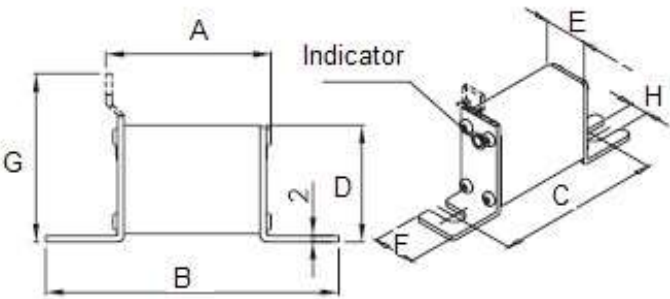
Dimensions 安装尺寸图: (mm):



Main Characteristics主要技术参数 电压:1000VAC 电流范围:from 20A to 315A 类别Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		00U/80/Visual	Rating Voltage (V)	Ampere Rating (A)	Pre-arcing I²t (A²S)	Total I²t @ 660V (A²S)	Power P _n (W)
		Indicator 顶部视觉指示					
00U/80	190M4802	KSZ00-20A/1000VAC00U/80aR100KA	1000VAC	20A	20A²S	140A²S	5W
	190M4803	KSZ00-25A/1000VAC00U/80aR100KA	1000VAC	25A	30A²S	210A²S	7W
	190M4804	KSZ00-32A/1000VAC00U/80aR100KA	1000VAC	32A	55A²S	390A²S	9W
	190M4805	KSZ00-35A/1000VAC00U/80aR100KA	1000VAC	35A	69A²S	500A²S	10W
	190M4806	KSZ00-40A/1000VAC00U/80aR100KA	1000VAC	40A	100A²S	690A²S	11W
	190M4807	KSZ00-50A/1000VAC00U/80aR100KA	1000VAC	50A	170A²S	1200A²S	13W
	190M4808	KSZ00-63A/1000VAC00U/80aR100KA	1000VAC	63A	280A²S	2000A²S	18W
	190M4809	KSZ00-80A/1000VAC00U/80aR100KA	1000VAC	80A	500A²S	3500A²S	22W
	190M4810	KSZ00-100A/1000VAC00U/80aR100KA	1000VAC	100A	950A²S	6850A²S	25W
	190M4811	KSZ00-125A/1000VAC00U/80aR100KA	1000VAC	125A	1500A²S	11500A²S	33W
	190M4812	KSZ00-160A/1000VAC00U/80aR100KA	1000VAC	160A	3000A²S	22000A²S	37W
	190M4813	KSZ00-200A/1000VAC00U/80aR100KA	1000VAC	200A	5600A²S	40500A²S	40W
	190M4814	KSZ00-250A/1000VAC00U/80aR100KA	1000VAC	250A	10000A²S	74000A²S	48W
	190M4815	KSZ00-315A/900VAC00U/80aR100KA	900VAC	315A	18000A²S	115000A²S	58W

Dimensions 安装尺寸图: (mm):



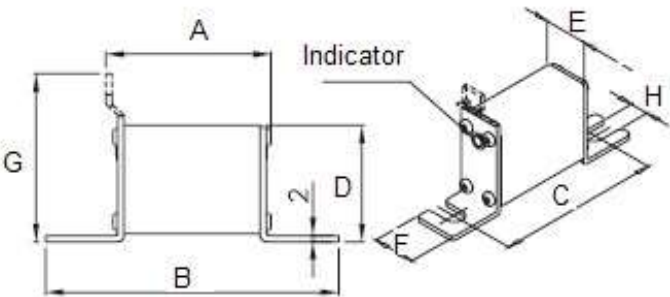
Type 00/80								
size 代号	A	B	C	D	E	F	G	H
00U/80	54	98	78±2	51	30	28	-	10



Main Characteristics 主要技术参数 电压:1000VAC 电流范围:from 20A to 315A 类别 Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		00TN/80/Visual	Rating	Ampere	Pre-arcing	Total I²t @	Power
		Indicator 顶部微动指示	Voltage (V)	Rating (A)	I²t (A²S)	660V (A²S)	P _n (W)
00TN/80	190M4822	KSZ00-20A/1000VAC00TN/80aR100KA	1000VAC	20A	20A²S	140A²S	5W
	190M4823	KSZ00-25A/1000VAC00TN/80aR100KA	1000VAC	25A	30A²S	210A²S	7W
	190M4824	KSZ00-32A/1000VAC00TN/80aR100KA	1000VAC	32A	55A²S	390A²S	9W
	190M4825	KSZ00-35A/1000VAC00TN/80aR100KA	1000VAC	35A	69A²S	500A²S	10W
	190M4826	KSZ00-40A/1000VAC00TN/80aR100KA	1000VAC	40A	100A²S	690A²S	11W
	190M4827	KSZ00-50A/1000VAC00TN/80aR100KA	1000VAC	50A	170A²S	1200A²S	13W
	190M4828	KSZ00-63A/1000VAC00TN/80aR100KA	1000VAC	63A	280A²S	2000A²S	18W
	190M4829	KSZ00-80A/1000VAC00TN/80aR100KA	1000VAC	80A	500A²S	3500A²S	22W
	190M4830	KSZ00-100A/1000VAC00TN/80aR100KA	1000VAC	100A	950A²S	6850A²S	25W
	190M4831	KSZ00-125A/1000VAC00TN/80aR100KA	1000VAC	125A	1500A²S	11500A²S	33W
	190M4832	KSZ00-160A/1000VAC00TN/80aR100KA	1000VAC	160A	3000A²S	22000A²S	37W
	190M4833	KSZ00-200A/1000VAC00TN/80aR100KA	1000VAC	200A	5600A²S	40500A²S	40W
	190M4834	KSZ00-250A/1000VAC00TN/80aR100KA	1000VAC	250A	10000A²S	74000A²S	48W
	190M4835	KSZ00-315A/900VAC00TN/80aR100KA	900VAC	315A	18000A²S	115000A²S	58W

Dimensions 安装尺寸图: (mm):



Type 00TN/80 – 00/80								
size 代号	A	B	C	D	E	F	G	H
00TN/80	54	98	78±2	51	30	28	67	10



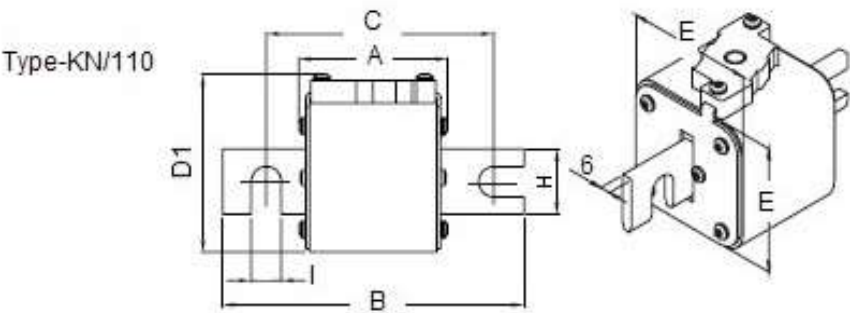
Main Characteristics 主要技术参数 电压:1000VAC 电流范围:from 50A to 1400A 类别 Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation type	Electrical Characteristics 电气特性				
		KN110/visual Type KIndicato for Micro 中部微动指示	Rating Voltage (V)	Ampere Rating (A)	Pre-arcing I ² t (A ² S)	Total I ² t @Un (A ² S)	Power P _n (W)
0KN/110	190M3965	KSZ0-50A/1000VAC0KN/110aR100KA	1000VAC	50A	135A ² S	815A ² S	20W
	190M3966	KSZ0-63A/1000VAC0KN/110aR100KA	1000VAC	63A	215A ² S	1300A ² S	25W
	190M3967	KSZ0-80A/1000VAC0KN/110aR100KA	1000VAC	80A	460A ² S	2750A ² S	30W
	190M3968	KSZ0-100A/1000VAC0KN/110aR100KA	1000VAC	100A	860A ² S	5100A ² S	35W
	190M3969	KSZ0-125A/1000VAC0KN/110aR100KA	1000VAC	125A	1450A ² S	8600A ² S	40W
	190M3970	KSZ0-160A/1000VAC0KN/110aR100KA	1000VAC	160A	2850A ² S	17500A ² S	45W
	190M3971	KSZ0-200A/1000VAC0KN/110aR100KA	1000VAC	200A	4950A ² S	29500A ² S	48W
	190M3972	KSZ0-250A/1000VAC0KN/110aR100KA	1000VAC	250A	9550A ² S	57000A ² S	50W
	190M3973	KSZ0-315A/1000VAC0KN/110aR100KA	1000VAC	315A	21500A ² S	130000A ² S	60W
	190M3974	KSZ0-350A/1000VAC0KN/110aR100KA	1000VAC	350A	29000A ² S	175000A ² S	65W
	190M3975	KSZ0-400A/1000VAC0KN/110aR100KA	1000VAC	400A	42000A ² S	250000A ² S	70W
1KN/110	190M4965	KSZ1-160A/1000VAC1KN/110aR100KA	1000VAC	160A	2200A ² S	13500A ² S	40W
	190M4966	KSZ1-200A/1000VAC1KN/110aR100KA	1000VAC	200A	4150A ² S	24500A ² S	45W
	190M4967	KSZ1-250A/1000VAC1KN/110aR100KA	1000VAC	250A	7750A ² S	46000A ² S	52W
	190M4968	KSZ1-315A/1000VAC1KN/110aR100KA	1000VAC	315A	16500A ² S	98500A ² S	60W
	190M4969	KSZ1-350A/1000VAC1KN/110aR100KA	1000VAC	350A	21500A ² S	130000A ² S	65W
	190M4970	KSZ1-400A/1000VAC1KN/110aR100KA	1000VAC	400A	31000A ² S	185000A ² S	70W
	190M4971	KSZ1-450A/1000VAC1KN/110aR100KA	1000VAC	450A	44500A ² S	265000A ² S	80W
	190M4972	KSZ1-500A/1000VAC1KN/110aR100KA	1000VAC	500A	63000A ² S	375000A ² S	85W
	190M4973	KSZ1-550A/1000VAC1KN/110aR100KA	1000VAC	550A	84500A ² S	500000A ² S	90W
	190M4974	KSZ1-630A/1000VAC1KN/110aR100KA	1000VAC	630A	125000A ² S	755000A ² S	98W
2KN/110	190M5966	KSZ2-250A/1000VAC2KN/110aR100KA	1000VAC	250A	6750A ² S	40000A ² S	65W
	190M5967	KSZ2-315A/1000VAC2KN/110aR100KA	1000VAC	315A	13500A ² S	81500A ² S	75W
	190M5968	KSZ2-350A/1000VAC2KN/110aR100KA	1000VAC	350A	16500A ² S	99000A ² S	80W
	190M5969	KSZ2-400A/1000VAC2KN/110aR100KA	1000VAC	400A	26000A ² S	155000A ² S	85W
	190M5970	KSZ2-450A/1000VAC2KN/110aR100KA	1000VAC	450A	35500A ² S	210000A ² S	90W
	190M5971	KSZ2-500A/1000VAC2KN/110aR100KA	1000VAC	500A	49500A ² S	295000A ² S	95W
	190M5972	KSZ2-550A/1000VAC2KN/110aR100KA	1000VAC	550A	66000A ² S	390000A ² S	100W
	190M5973	KSZ2-630A/1000VAC2KN/110aR100KA	1000VAC	630A	93500A ² S	555000A ² S	110W
	190M5974	KSZ2-700A/1000VAC2KN/110aR100KA	1000VAC	700A	130000A ² S	770000A ² S	115W
	190M5975	KSZ2-800A/1000VAC2KN/110aR100KA	1000VAC	800A	195000A ² S	1200000A ² S	125W

Main Characteristics 主要技术参数 电压:1000VAC 电流范围:from 50A to 1400A 类别 Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation type	Electrical Characteristics 电气特性				
		KN/110/visual	Rating Voltage (V)	Ampere Rating (A)	Pre-arcing I ² t (KA²S)	Total I ² t @Un (KA²S)	Power P _n (W)
		Type KIndicato for Micro 中部微动指示					
3KN/110	190M8614	KSZ3-315A/1000VAC3KN/110aR100KA	1000VAC	315A	9.2KA²S	54.5KA²S	90W
	190M8615	KSZ3-350A/1000VAC3KN/110aR100KA	1000VAC	350A	13KA²S	77.5KA²S	95W
	190M8616	KSZ3-400A/1000VAC3KN/110aR100KA	1000VAC	400A	19KA²S	115KA²S	105W
	190M8617	KSZ3-450A/1000VAC3KN/110aR100KA	1000VAC	450A	27KA²S	160KA²S	107W
	190M8618	KSZ3-500A/1000VAC3KN/110aR100KA	1000VAC	500A	37.5KA²S	225KA²S	110W
	190M8619	KSZ3-550A/1000VAC3KN/110aR100KA	1000VAC	550A	52KA²S	310KA²S	115W
	190M8620	KSZ3-630A/1000VAC3KN/110aR100KA	1000VAC	630A	82.5KA²S	490KA²S	120W
	190M8621	KSZ3-700A/1000VAC3KN/110aR100KA	1000VAC	700A	115KA²S	700KA²S	125W
	190M8622	KSZ3-800A/1000VAC3KN/110aR100KA	1000VAC	800A	170KA²S	1050KA²S	135W
	190M8623	KSZ3-900A/1000VAC3KN/110aR100KA	1000VAC	900A	250KA²S	1500KA²S	145W
	190M8624	KSZ3-1000A/1000VAC3KN/110aR100KA	1000VAC	1000A	340KA²S	2050KA²S	150W
	190M8625	KSZ3-1100/1000VAC3KN/110aR100KA	1000VAC	1100A	460KA²S	2750KA²S	155W
	190M8626	KSZ3-1250A/1000VAC3KN/110aR100KA	1000VAC	1250A	575KA²S	3400KA²S	175W
	190M8627	KSZ3-1400A/1000VAC3KN/110aR100KA	1000VAC	1400A	795KA²S	4200KA²S	185W

Dimensions 安装尺寸图: (mm):



size	A	B	C	D1	E	G	H	I
0KN/110	80	138	110±2	61	43	6	22	11
1KN/110	80	138	110±2	69	51	6	25	11
2KN/110	80	138	110±2	77	59	6	25	11
3KN/110	81	139	110±2	92	74	6	30	11

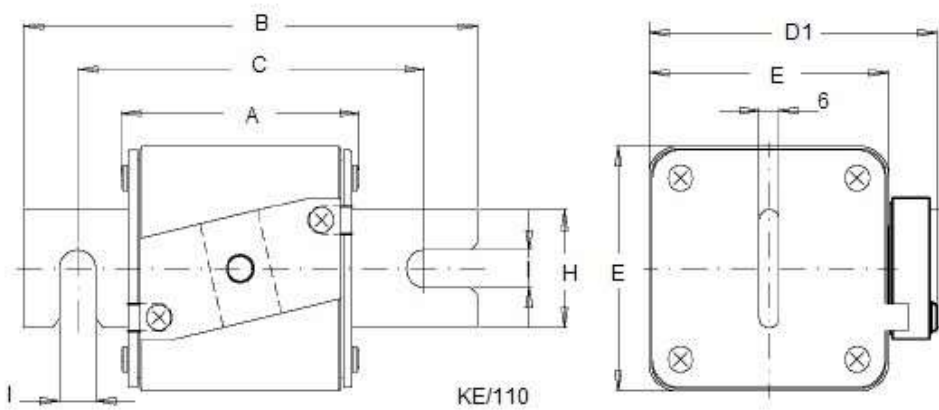
Main Characteristics 主要技术参数 电压:1000VAC 电流范围:from 50A to 1400A 类别Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation type	Electrical Characteristics 电气特性				
		KE110/visual Type KIndicato for Micro 中部微动指示	Rating Voltage (V)	Ampere Rating (A)	Pre-arcing I ² t (A ² S)	Total I ² t @Un (A ² S)	Power P _n (W)
0KE/110	190M3665	KSZ0-50A/1000VAC0KE/110aR100KA	1000VAC	50A	135A ² S	815A ² S	20W
	190M3666	KSZ0-63A/1000VAC0KE/110aR100KA	1000VAC	63A	215A ² S	1300A ² S	25W
	190M3667	KSZ0-80A/1000VAC0KE/110aR100KA	1000VAC	80A	460A ² S	2750A ² S	30W
	190M3668	KSZ0-100A/1000VAC0KE/110aR100KA	1000VAC	100A	860A ² S	5100A ² S	35W
	190M3669	KSZ0-125A/1000VAC0KE/110aR100KA	1000VAC	125A	1450A ² S	8600A ² S	40W
	190M3670	KSZ0-160A/1000VAC0KE/110aR100KA	1000VAC	160A	2850A ² S	17500A ² S	45W
	190M3671	KSZ0-200A/1000VAC0KE/110aR100KA	1000VAC	200A	4950A ² S	29500A ² S	48W
	190M3672	KSZ0-250A/1000VAC0KE/110aR100KA	1000VAC	250A	9550A ² S	57000A ² S	50W
	190M3673	KSZ0-315A/1000VAC0KE/110aR100KA	1000VAC	315A	21500A ² S	130000A ² S	60W
	190M3674	KSZ0-350A/1000VAC0KE/110aR100KA	1000VAC	350A	29000A ² S	175000A ² S	65W
	190M3675	KSZ0-400A/1000VAC0KE/110aR100KA	1000VAC	400A	42000A ² S	250000A ² S	70W
1KE/110	190M4665	KSZ1-160A/1000VAC1KE/110aR100KA	1000VAC	160A	2200A ² S	13500A ² S	40W
	190M4666	KSZ1-200A/1000VAC1KE/110aR100KA	1000VAC	200A	4150A ² S	24500A ² S	45W
	190M4667	KSZ1-250A/1000VAC1KE/110aR100KA	1000VAC	250A	7750A ² S	46000A ² S	52W
	190M4668	KSZ1-315A/1000VAC1KE/110aR100KA	1000VAC	315A	16500A ² S	98500A ² S	60W
	190M4669	KSZ1-350A/1000VAC1KE/110aR100KA	1000VAC	350A	21500A ² S	130000A ² S	65W
	190M4670	KSZ1-400A/1000VAC1KE/110aR100KA	1000VAC	400A	31000A ² S	185000A ² S	70W
	190M4671	KSZ1-450A/1000VAC1KE/110aR100KA	1000VAC	450A	44500A ² S	265000A ² S	80W
	190M4672	KSZ1-500A/1000VAC1KE/110aR100KA	1000VAC	500A	63000A ² S	375000A ² S	85W
	190M4673	KSZ1-550A/1000VAC1KE/110aR100KA	1000VAC	550A	84500A ² S	500000A ² S	90W
	190M4674	KSZ1-630A/1000VAC1KE/110aR100KA	1000VAC	630A	125000A ² S	755000A ² S	98W
2KE/110	190M5666	KSZ2-250A/1000VAC2KE/110aR100KA	1000VAC	250A	6750A ² S	40000A ² S	65W
	190M5667	KSZ2-315A/1000VAC2KE/110aR100KA	1000VAC	315A	13500A ² S	81500A ² S	75W
	190M5668	KSZ2-350A/1000VAC2KE/110aR100KA	1000VAC	350A	16500A ² S	99000A ² S	80W
	190M5669	KSZ2-400A/1000VAC2KE/110aR100KA	1000VAC	400A	26000A ² S	155000A ² S	85W
	190M5670	KSZ2-450A/1000VAC2KE/110aR100KA	1000VAC	450A	35500A ² S	210000A ² S	90W
	190M5671	KSZ2-500A/1000VAC2KE/110aR100KA	1000VAC	500A	49500A ² S	295000A ² S	95W
	190M5672	KSZ2-550A/1000VAC2KE/110aR100KA	1000VAC	550A	66000A ² S	390000A ² S	100W
	190M5673	KSZ2-630A/1000VAC2KE/110aR100KA	1000VAC	630A	93500A ² S	555000A ² S	110W
	190M5674	KSZ2-700A/1000VAC2KE/110aR100KA	1000VAC	700A	130000A ² S	770000A ² S	115W
	190M5675	KSZ2-800A/1000VAC2KE/110aR100KA	1000VAC	800A	195000A ² S	1200000A ² S	125W

Main Characteristics主要技术参数 电压:1000VAC 电流范围:from 50A to 1400A 类别Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation type	Electrical Characteristics 电气特性				
		KE/110/visual	Rating Voltage (V)	Ampere Rating (A)	Pre-arcing I²t (KA²S)	Total I²t @Un (KA²S)	Power Pn (W)
		Type KIndicato for Micro 中部微动指示					
3KE/110	190M8914	KSZ3-315A/1000VAC3KE/110aR100KA	1000VAC	315A	9.2KA²S	54.5KA²S	90W
	190M8915	KSZ3-350A/1000VAC3KE/110aR100KA	1000VAC	350A	13KA²S	77.5KA²S	95W
	190M8916	KSZ3-400A/1000VAC3KE/110aR100KA	1000VAC	400A	19KA²S	115KA²S	105W
	190M8917	KSZ3-450A/1000VAC3KE/110aR100KA	1000VAC	450A	27KA²S	160KA²S	107W
	190M8918	KSZ3-500A/1000VAC3KE/110aR100KA	1000VAC	500A	37.5KA²S	225KA²S	110W
	190M8919	KSZ3-550A/1000VAC3KE/110aR100KA	1000VAC	550A	52KA²S	310KA²S	115W
	190M8620	KSZ3-630A/1000VAC3KE/110aR100KA	1000VAC	630A	82.5KA²S	490KA²S	120W
	190M8621	KSZ3-700A/1000VAC3KE/110aR100KA	1000VAC	700A	115KA²S	700KA²S	125W
	190M8622	KSZ3-800A/1000VAC3KE/110aR100KA	1000VAC	800A	170KA²S	1050KA²S	135W
	190M8623	KSZ3-900A/1000VAC3KE/110aR100KA	1000VAC	900A	250KA²S	1500KA²S	145W
	190M8624	KSZ3-1000A/1000VAC3KE/110aR100KA	1000VAC	1000A	340KA²S	2050KA²S	150W
	190M8625	KSZ3-1100/1000VAC3KE/110aR100KA	1000VAC	1100A	460KA²S	2750KA²S	155W
	190M8626	KSZ3-1250A/1000VAC3KE/110aR100KA	1000VAC	1250A	575KA²S	3400KA²S	175W
	190M8627	KSZ3-1400A/1000VAC3KE/110aR100KA	1000VAC	1400A	795KA²S	4200KA²S	185W

Dimensions 安装尺寸图: (mm):



size	A	B	C	D1	E	G	H	I
0KE/110	80	138	110±2	61	43	6	22	11
1KE/110	80	138	110±2	69	51	6	25	11
2KE/110	80	138	110±2	77	59	6	25	11
3KE/110	81	139	110±2	92	74	6	30	11

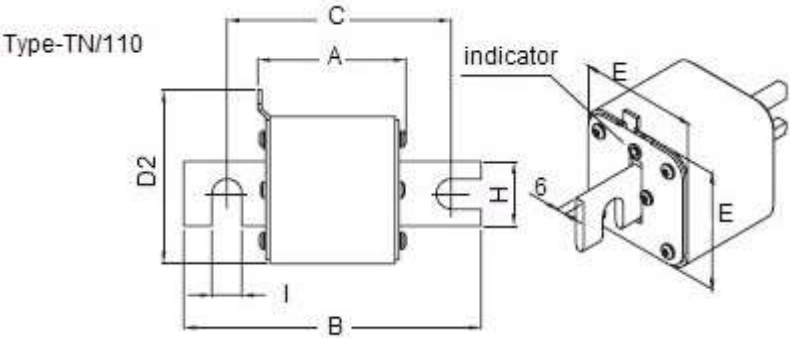
Main Characteristics 主要技术参数 电压:1000VAC 电流范围:from 50A to 1400A 类别Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation type	Electrical Characteristics 电气特性				
		KE110/visual Type KIndicato for Micro 中部微动指示	Rating Voltage (V)	Ampere Rating (A)	Pre-arcing I ² t (A ² S)	Total I ² t @Un (A ² S)	Power P _n (W)
0TN/110	190M3981	KSZ0-50A/1000VAC0TN/110aR100KA	1000VAC	50A	135A ² S	815A ² S	20W
	190M3982	KSZ0-63A/1000VAC0TN/110aR100KA	1000VAC	63A	215A ² S	1300A ² S	25W
	190M3983	KSZ0-80A/1000VAC0TN/110aR100KA	1000VAC	80A	460A ² S	2750A ² S	30W
	190M3984	KSZ0-100A/1000VAC0TN/110aR100KA	1000VAC	100A	860A ² S	5100A ² S	35W
	190M3985	KSZ0-125A/1000VAC0TN/110aR100KA	1000VAC	125A	1450A ² S	8600A ² S	40W
	190M3986	KSZ0-160A/1000VAC0TN/110aR100KA	1000VAC	160A	2850A ² S	17500A ² S	45W
	190M3987	KSZ0-200A/1000VAC0TN/110aR100KA	1000VAC	200A	4950A ² S	29500A ² S	48W
	190M3988	KSZ0-250A/1000VAC0TN/110aR100KA	1000VAC	250A	9550A ² S	57000A ² S	50W
	190M3989	KSZ0-315A/1000VAC0TN/110aR100KA	1000VAC	315A	21500A ² S	130000A ² S	60W
	190M3990	KSZ0-350A/1000VAC0TN/110aR100KA	1000VAC	350A	29000A ² S	175000A ² S	65W
1TN/110	190M4980	KSZ1-160A/1000VAC1TN/110aR100KA	1000VAC	160A	2200A ² S	13500A ² S	40W
	190M4981	KSZ1-200A/1000VAC1TN/110aR100KA	1000VAC	200A	4150A ² S	24500A ² S	45W
	190M4982	KSZ1-250A/1000VAC1TN/110aR100KA	1000VAC	250A	7750A ² S	46000A ² S	52W
	190M4983	KSZ1-315A/1000VAC1TN/110aR100KA	1000VAC	315A	16500A ² S	98500A ² S	60W
	190M4984	KSZ1-350A/1000VAC1TN/110aR100KA	1000VAC	350A	21500A ² S	130000A ² S	65W
	190M4985	KSZ1-400A/1000VAC1TN/110aR100KA	1000VAC	400A	31000A ² S	185000A ² S	70W
	190M4986	KSZ1-450A/1000VAC1TN/110aR100KA	1000VAC	450A	44500A ² S	265000A ² S	80W
	190M4987	KSZ1-500A/1000VAC1TN/110aR100KA	1000VAC	500A	63000A ² S	375000A ² S	85W
	190M4988	KSZ1-550A/1000VAC1TN/110aR100KA	1000VAC	550A	84500A ² S	500000A ² S	90W
	190M4989	KSZ1-630A/1000VAC1TN/110aR100KA	1000VAC	630A	125000A ² S	755000A ² S	98W
2TN/110	190M5981	KSZ2-250A/1000VAC2TN/110aR100KA	1000VAC	250A	6750A ² S	40000A ² S	65W
	190M5982	KSZ2-315A/1000VAC2TN/110aR100KA	1000VAC	315A	13500A ² S	81500A ² S	75W
	190M5983	KSZ2-350A/1000VAC2TN/110aR100KA	1000VAC	350A	16500A ² S	99000A ² S	80W
	190M5984	KSZ2-400A/1000VAC2TN/110aR100KA	1000VAC	400A	26000A ² S	155000A ² S	85W
	190M5985	KSZ2-450A/1000VAC2TN/110aR100KA	1000VAC	450A	35500A ² S	210000A ² S	90W
	190M5986	KSZ2-500A/1000VAC2TN/110aR100KA	1000VAC	500A	49500A ² S	295000A ² S	95W
	190M5987	KSZ2-550A/1000VAC2TN/110aR100KA	1000VAC	550A	66000A ² S	390000A ² S	100W
	190M5988	KSZ2-630A/1000VAC2TN/110aR100KA	1000VAC	630A	93500A ² S	555000A ² S	110W
	190M5989	KSZ2-700A/1000VAC2TN/110aR100KA	1000VAC	700A	130000A ² S	770000A ² S	115W
	190M5990	KSZ2-800A/1000VAC2TN/110aR100KA	1000VAC	800A	195000A ² S	1200000A ² S	125W

Main Characteristics主要技术参数 电压:1000VAC 电流范围:from 50A to 1400A 类别Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation type	Electrical Characteristics 电气特性				
		TN/110/visual	Rating Voltage (V)	Ampere Rating (A)	Pre-arcing I²t (KA²S)	Total I²t @Un (KA²S)	Power Pn (W)
		Type KIndicato for Micro 顶部微动指示					
3TN/110	190M8629	KSZ3-315A/1000VAC3TN/110aR100KA	1000VAC	315A	9.2KA²S	54.5KA²S	90W
	190M8630	KSZ3-350A/1000VAC3TN/110aR100KA	1000VAC	350A	13KA²S	77.5KA²S	95W
	190M8631	KSZ3-400A/1000VAC3TN/110aR100KA	1000VAC	400A	19KA²S	115KA²S	105W
	190M8632	KSZ3-450A/1000VAC3TN/110aR100KA	1000VAC	450A	27KA²S	160KA²S	107W
	190M8633	KSZ3-500A/1000VAC3TN/110aR100KA	1000VAC	500A	37.5KA²S	225KA²S	110W
	190M8634	KSZ3-550A/1000VAC3TN/110aR100KA	1000VAC	550A	52KA²S	310KA²S	115W
	190M8635	KSZ3-630A/1000VAC3TN/110aR100KA	1000VAC	630A	82.5KA²S	490KA²S	120W
	190M8636	KSZ3-700A/1000VAC3TN/110aR100KA	1000VAC	700A	115KA²S	700KA²S	125W
	190M8637	KSZ3-800A/1000VAC3TN/110aR100KA	1000VAC	800A	170KA²S	1050KA²S	135W
	190M8638	KSZ3-900A/1000VAC3TN/110aR100KA	1000VAC	900A	250KA²S	1500KA²S	145W
	190M8639	KSZ3-1000A/1000VAC3TN/110aR100KA	1000VAC	1000A	340KA²S	2050KA²S	150W
	190M8640	KSZ3-1100/1000VAC3TN/110aR100KA	1000VAC	1100A	460KA²S	2750KA²S	155W
	190M8641	KSZ3-1250A/1000VAC3TN/110aR100KA	1000VAC	1250A	575KA²S	3400KA²S	175W
	190M8642	KSZ3-1400A/1000VAC3TN/110aR100KA	1000VAC	1400A	795KA²S	4200KA²S	185W

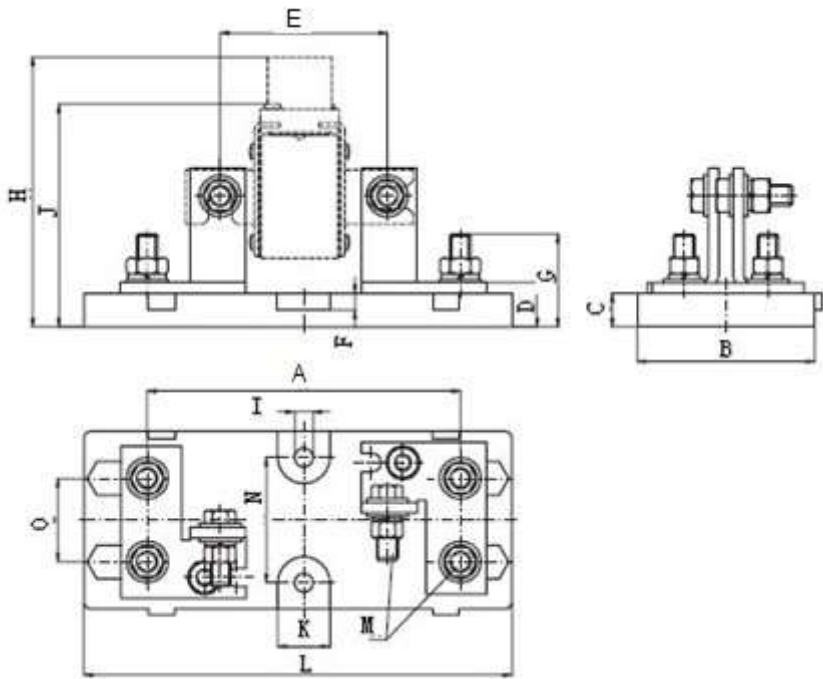
Dimensions 安装尺寸图: (mm):



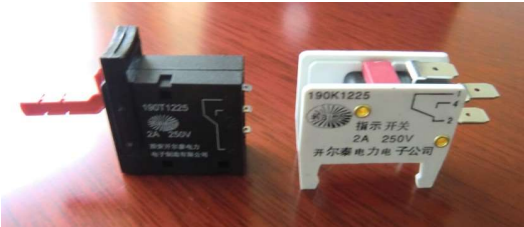
size 代号	A	B	C	D2	E	G	H	I
0TN/110	80	138	110±2	61	43	6	22	11
1TN/110	80	138	110±2	69	51	6	25	11
2TN/110	80	138	110±2	75	59	6	25	11
3TN/110	81	139	110±2	90	74	6	30	11

Main Characteristics主要技术参数 电压:1000VAC 电流范围:from 50A to 1400A 类别Class: aR

630A 、 1250A Fuse holder Dimensions(mm):



Fixing Center	Dimensions 安装尺寸图: (mm):														
110mm安装中心距	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
FBM110-630A	110	86	17	22	80	9	42	144	Φ9	114	25	205	M10	60	86
FBM110-1250 A	110	86	17	27	80	9	42	144	Φ9	114	25	205	M10	60	40



190T1225; 190K1225; Indicato for Micro微动开关

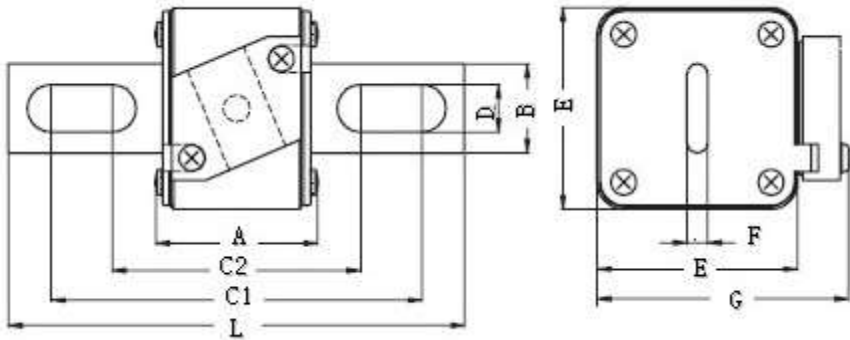
Main Characteristics 主要技术参数 电压:1000VAC 电流范围:from 50A to 1400A 类别Class: aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		FKE115/ Type K	Rating	Ampere	Pre-arcing	Total I ² t	Power
		Indicato for Micro中部微动指示	Voltage(V)	Rating(A)	I ² t(A ² S)	@Un(A ² S)	P _n (W)
0KIN/115	190M3531	KSM0-50A/1000VAC0KIN/115aR100KA	1000VAC	50A	135A ² S	815A ² S	20W
	190M3532	KSM0-63A/1000VAC0KIN/115aR100KA	1000VAC	63A	215A ² S	1300A ² S	25W
	190M3533	KSM0-80A/1000VAC0KIN/115aR100KA	1000VAC	80A	460A ² S	2750A ² S	30W
	190M3534	KSM0-100A/1000VAC0KIN/115aR100KA	1000VAC	100A	860A ² S	5100A ² S	35W
	190M3535	KSM0-125A/1000VAC0KIN/115aR100KA	1000VAC	125A	1450A ² S	8600A ² S	40W
	190M3536	KSM0-160A/1000VAC0KIN/115aR100KA	1000VAC	160A	2850A ² S	17500A ² S	45W
	190M3537	KSM0-200A/1000VAC0KIN/115aR100KA	1000VAC	200A	4950A ² S	29500A ² S	48W
	190M3538	KSM0-250A/1000VAC0KIN/115aR100KA	1000VAC	250A	9550A ² S	57000A ² S	50W
	190M3539	KSM0-315A/1000VAC0KIN/115aR100KA	1000VAC	315A	21500A ² S	130000A ² S	60W
	190M3540	KSM0-350A/1000VAC0KIN/115aR100KA	1000VAC	350A	29000A ² S	175000A ² S	65W
	190M3541	KSM0-400A/1000VAC0KIN/115aR100KA	1000VAC	400A	42000A ² S	250000A ² S	70W
1KIN/115	190M4531	KSM1-160A/1000VAC1KIN/115aR100KA	1000VAC	160A	2200A ² S	13500A ² S	40W
	190M4532	KSM1-200A/1000VAC1KIN/115aR100KA	1000VAC	200A	4150A ² S	24500A ² S	45W
	190M4533	KSM1-250A/1000VAC1KIN/115aR100KA	1000VAC	250A	7750A ² S	46000A ² S	52W
	190M4534	KSM1-315A/1000VAC1KIN/115aR100KA	1000VAC	315A	16500A ² S	98500A ² S	60W
	190M4535	KSM1-350A/1000VAC1KIN/115aR100KA	1000VAC	350A	21500A ² S	130000A ² S	65W
	190M4536	KSM1-400A/1000VAC1KIN/115aR100KA	1000VAC	400A	31000A ² S	185000A ² S	70W
	190M4537	KSM1-450A/1000VAC1KIN/115aR100KA	1000VAC	450A	44500A ² S	265000A ² S	80W
	190M4538	KSM1-500A/1000VAC1KIN/115aR100KA	1000VAC	500A	63000A ² S	375000A ² S	85W
	190M4539	KSM1-550A/1000VAC1KIN/115aR100KA	1000VAC	550A	84500A ² S	500000A ² S	90W
	190M4540	KSM1-630A/1000VAC1KIN/115aR100KA	1000VAC	630A	125000A ² S	755000A ² S	98W
2KIN/115	190M5531	KSM2-250A/1000VAC2KIN/115aR100KA	1000VAC	250A	6750A ² S	40000A ² S	65W
	190M5532	KSM2-315A/1000VAC2KIN/115aR100KA	1000VAC	315A	13500A ² S	81500A ² S	75W
	190M5533	KSM2-350A/1000VAC2KIN/115aR100KA	1000VAC	350A	16500A ² S	99000A ² S	80W
	190M5534	KSM2-400A/1000VAC2KIN/115aR100KA	1000VAC	400A	26000A ² S	155000A ² S	85W
	190M5535	KSM2-450A/1000VAC2KIN/115aR100KA	1000VAC	450A	35500A ² S	210000A ² S	90W
	190M5536	KSM2-500A/1000VAC2KIN/115aR100KA	1000VAC	500A	49500A ² S	295000A ² S	95W
	190M5537	KSM2-550A/1000VAC2KIN/115aR100KA	1000VAC	550A	66000A ² S	390000A ² S	100W
	190M5538	KSM2-630A/1000VAC2KIN/115aR100KA	1000VAC	630A	93500A ² S	555000A ² S	110W
	190M5539	KSM2-700A/1000VAC2KIN/115aR100KA	1000VAC	700A	130000A ² S	770000A ² S	115W
	190M5540	KSM2-800A/1000VAC2KIN/115aR100KA	1000VAC	800A	195000A ² S	1200000A ² S	125W

Main Characteristics 主要技术参数 电压:1000VAC 电流范围:from 50A to 1400A 类别 Class: aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		FKE115/ Type K	Rating	Ampere	Pre-arcing	Total I²t	Power
		Indicato for Micro中部微动指示	Voltage(V)	Rating(A)	I²t(KA²S)	@Un(KA²S)	Pn(W)
3KIN/115	190M8531	KSM3-315A/1000VAC3KIN/115aR100KA	1000VAC	315A	9.2KA²S	54.5KA²S	90W
	190M8532	KSM3-350A/1000VAC3KIN/115aR100KA	1000VAC	350A	13KA²S	77.5KA²S	95W
	190M8533	KSM3-400A/1000VAC3KIN/115aR100KA	1000VAC	400A	19KA²S	115KA²S	105W
	190M8534	KSM3-450A/1000VAC3KIN/115aR100KA	1000VAC	450A	27KA²S	160KA²S	107W
	190M8535	KSM3-500A/1000VAC3KIN/115aR100KA	1000VAC	500A	37.5KA²S	225KA²S	110W
	190M8536	KSM3-550A/1000VAC3KIN/115aR100KA	1000VAC	550A	52KA²S	310KA²S	115W
	190M8537	KSM3-630A/1000VAC3KIN/115aR100KA	1000VAC	630A	82.5KA²S	490KA²S	120W
	190M8538	KSM3-700A/1000VAC3KIN/115aR100KA	1000VAC	700A	115KA²S	700KA²S	125W
	190M8539	KSM3-800A/1000VAC3KIN/115aR100KA	1000VAC	800A	170KA²S	1050KA²S	135W
	190M8540	KSM3-900A/1000VAC3KIN/115aR100KA	1000VAC	900A	250KA²S	1500KA²S	145W
	190M8541	KSM3-1000A/1000VAC3KIN/115aR100KA	1000VAC	1000A	340KA²S	2050KA²S	150W
	190M8542	KSM3-1100A/1000VAC3KIN/115aR100KA	1000VAC	1100A	460KA²S	2750KA²S	155W
	190M8543	KSM3-1250A/1000VAC3KIN/115aR100KA	1000VAC	1250A	575KA²S	3400KA²S	175W
	190M8544	KSM3-1400A/1000VAC3KIN/115aR100KA	1000VAC	1400A	795KA²S	4200KA²S	185W

Dimensions 安装尺寸图: (mm):

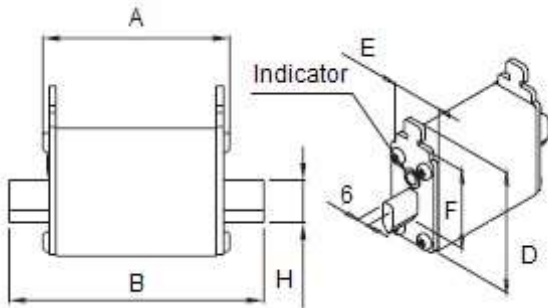


Size	Type : KIN/115								
代号	A	B	C1	C2	D	E	F	G	L
0KIN/115	74	20	130	101	10.5	43	6	58	156
1KIN/115	74	25	127	102	10.5	51	6	66	160
2KIN/115	74	25	127	102	12.5	60	6	75	160
3KIN/115	74	39	128	101	12.5	75	6	91	159

Main Characteristics 主要技术参数 电压:1000VAC 电流范围:from 20A to 225A 类别Class: aR

Size 瓷管 代号	Catalog numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
			Voltage Rating(V)	Ampere Rating(A)	Pre-arcing I²t (A²S)	Total I²t @ UnA²S)	Power Pn(W)
DIN00/80	190M2673	KH00-20A/1000VACDIN00aR100KA	1000VAC	20A	15A²S	110A²S	8.5W
	190M2674	KH00-25A/1000VACDIN00aR100KA	1000VAC	25A	28.5A²S	210A²S	9.5W
	190M2675	KH00-32A/1000VACDIN00aR100KA	1000VAC	32A	53A²S	390A²S	11W
	190M2676	KH00-35A/1000VACDIN00aR100KA	1000VAC	35A	69A²S	500A²S	12W
	190M2677	KH00-40A/1000VACDIN00aR100KA	1000VAC	40A	105A²S	760A²S	13W
	190M2678	KH00-50A/1000VACDIN00aR100KA	1000VAC	50A	215A²S	1550A²S	14W
	190M2679	KH00-63A/1000VACDIN00aR100KA	1000VAC	63A	380A²S	2750A²S	16W
	190M2680	KH00-80A/1000VACDIN00aR100KA	1000VAC	80A	815A²S	5900A²S	18W
	190M2681	KH00-100A/1000VACDIN00aR100KA	1000VAC	100A	1550A²S	11500A²S	21W
	190M2682	KH00-125A/1000VACDIN00aR100KA	1000VAC	125A	3000A²S	22000A²S	23W
	190M2683	KH00-160A/1000VACDIN00aR100KA	1000VAC	160A	6250A²S	45000A²S	26W
	190M2684	KH00-200A/900VACDIN00aR100KA	900VAC	200A	12000A²S	86500A²S	31W
	190M2685	KH00-225A/900VACDIN00aR100KA	900VAC	225A	18000A²S	115000A²S	33W

Dimensions 安装尺寸图: (mm):



size	A	B	D	E	F	G	H
DIN00/80	49	78.5	60	30	35	6	15



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

Size 瓷管 代号	Catalog Numbers 订货号	Designation type型号规格	Electrical Characteristics电气特性			
		BKN/ Type K/75 Indicator for Micro 中部微动指示	Rating Ampere (A)	Pre-arcing I ² t (A ² S)	Total I ² t @ 1250V(A ² S)	Watts Loss(W)
0BKN/75	190M3388	KSP0-50A/1250VAC 0BKN/75aR100KA	50A	135A ² S	1100A ² S	15W
	190M3389	KSP0-63A/1250VAC 0BKN/75aR100KA	63A	215A ² S	1750A ² S	20W
	190M3390	KSP0-80A/1250VAC 0BKN/75aR100KA	80A	420A ² S	3350A ² S	25W
	190M3391	KSP0-100A/1250VAC 0BKN/75aR100KA	100A	750A ² S	5950A ² S	30W
	190M3392	KSP0-125A/1250VAC 0BKN/75aR100KA	125A	1450A ² S	11500A ² S	35W
	190M3393	KSP0-160A/1250VAC 0BKN/75aR100KA	160A	2600A ² S	21000A ² S	40W
	190M3394	KSP0-200A/1250VAC 0BKN/75aR100KA	200A	5150A ² S	41000A ² S	45W
	190M3395	KSP0-250A/1250VAC 0BKN/75aR100KA	250A	9200A ² S	73000A ² S	55W
	190M3396	KSP0-315A/1250VAC 0BKN/75aR100KA	315A	18500A ² S	150000A ² S	60W
	190M3397	KSP0-350A/1250VAC 0BKN/75aR100KA	350A	27000A ² S	220000A ² S	65W
1BKN/75	190M4388	KSP1-160A/1250VAC 1BKN/75aR100KA	160A	1900A ² S	15500A ² S	45W
	190M4389	KSP1-200A/1250VAC 1BKN/75aR100KA	200A	3800A ² S	30000A ² S	50W
	190M4390	KSP1-250A/1250VAC 1BKN/75aR100KA	250A	7750A ² S	61500A ² S	60W
	190M4391	KSP1-315A/1250VAC 1BKN/75aR100KA	315A	15000A ² S	120000A ² S	65W
	190M4392	KSP1-350A/1250VAC 1BKN/75aR100KA	350A	20000A ² S	165000A ² S	70W
	190M4393	KSP1-400A/1250VAC 1BKN/75aR100KA	400A	29500A ² S	235000A ² S	75W
	190M4394	KSP1-450A/1250VAC 1BKN/75aR100KA	450A	42000A ² S	335000A ² S	80W
	+190M4395	KSP1-500A/1100VAC 1BKN/75aR100KA	500A	69500A ² S	435000A ² S	85W
	*190M4396	KSP1-550A/1000VAC 1BKN/75aR100KA	550A	95000A ² S	590000A ² S	95W
	*190M4397	KSP1-630A/1000VAC 1BKN/75aR100KA	630A	130000A ² S	785000A ² S	100W
2BKN/75	190M5388	KSP2-250A/1250VAC 2BKN/75aR100KA	250A	6500A ² S	51500A ² S	65W
	190M5389	KSP2-280A/1250VAC 2BKN/75aR100KA	280A	9350A ² S	74500A ² S	70W
	190M5390	KSP2-315A/1250VAC 2BKN/75aR100KA	315A	13000A ² S	105000A ² S	75W
	190M5391	KSP2-350A/1250VAC 2BKN/75aR100KA	350A	16500A ² S	135000A ² S	80W
	190M5392	KSP2-400A/1250VAC 2BKN/75aR100KA	400A	23000A ² S	180000A ² S	85W
	190M5393	KSP2-450A/1250VAC 2BKN/75aR100KA	450A	34000A ² S	270000A ² S	90W
	190M5394	KSP2-500A/1250VAC 2BKN/75aR100KA	500A	48000A ² S	380000A ² S	95W
	190M5395	KSP2-550A/1250VAC 2BKN/75aR100KA	550A	62000A ² S	495000A ² S	100W
	+190M5396	KSP2-630A/1100VAC 2BKN/75aR100KA	630A	115000A ² S	730000A ² S	110W
	*190M5397	KSP2-700A/1000VAC 2BKN/75aR100KA	700A	160000A ² S	1050000A ² S	115W
	*190M5398	KSP2-800A/1000VAC 2BKN/75aR100KA	800A	245000A ² S	1550000A ² S	120W

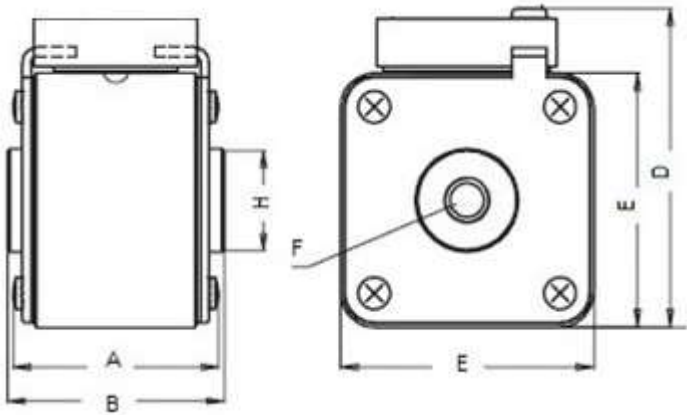
†Rated voltage (IEC) 1100V, *Rated voltage (IEC) 1000V.

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

Size 瓷管 代号	Catalog Numbers 订货号	Designation type型号规格	Electrical Characteristics电气特性			
		BKN/ Type K/75 Indicator for Micro 中部微动指示	Rating Ampere (A)	Pre-arcing I²t (KA²S)	Total I²t @ 1250V(KA²S)	Watts Loss(W)
3BKN/75	190M6338	KSP3-315A/1250VAC3BKN/75aR100KA	315A	9.5KA²S	77.5KA²S	85W
	190M6339	KSP3-350A/1250VAC3BKN/75aR100KA	350A	13.5KA²S	110KA²S	90W
	190M6340	KSP3-400A/1250VAC3BKN/75aR100KA	400A	19.5KA²S	160KA²S	95W
	190M6341	KSP3-450A/1250VAC3BKN/75aR100KA	450A	31KA²S	245KA²S	100W
	190M6342	KSP3-500A/1250VAC3BKN/75aR100KA	500A	39KA²S	310KA²S	105W
	190M6343	KSP3-550A/1250VAC3BKN/75aR100KA	550A	55KA²S	435KA²S	110W
	190M6344	KSP3-630A/1250VAC3BKN/75aR100KA	630A	83.5KA²S	665KA²S	115W
	190M6345	KSP3-700A/1250VAC3BKN/75aR100KA	700A	115KA²S	940KA²S	120W
	+190M6346	KSP3-800A/1100VAC3BKN75aR100KA	800A	205KA²S	1300KA²S	125W
	+190M6347	KSP3-900A/1100VAC3BKN/75aR100KA	900A	305KA²S	1900KA²S	130W
	*190M6348	KSP3-1000A/1000VAC3BKN/75aR100KA	1000A	450KA²S	2750KA²S	135W
	*190M6349	KSP3-1100A/1000VAC3BKN/75aR100KA	1100A	575KA²S	3600KA²S	140W

†Rated voltage (IEC) 1100V, *Rated voltage (IEC) 1000V.

Dimensions 安装尺寸图: (mm):



CatalogNumbers	A	B	D	E	F	H
0BKN/75	73	75	58	43	M8	Φ17
1BKN/75	73	75	66	51	M8	Φ20
2BKN/75	73	75	75	60	M10	Φ25
3BKN/75	73	75	90	75	M12	Φ30

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

Size 瓷管 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性			
		BKN/ Type K/80 Indicator for Micro 中部微动指示	Rating Ampere (A)	Pre-arcing I ² t (A ² S)	Total I ² t @ 1250V(A ² S)	Watts Loss(W)
0BKN/80	190M3438	KSP0-50A/1250VAC0BKN/80aR100KA	50A	135A ² S	1100A ² S	15W
	190M3439	KSP0-63A/1250VAC0BKN/80aR100KA	63A	215A ² S	1750A ² S	20W
	190M3440	KSP0-80A/1250VAC0BKN/80aR100KA	80A	420A ² S	3350A ² S	25W
	190M3441	KSP0-100A/1250VAC0BKN/80aR100KA	100A	750A ² S	5950A ² S	30W
	190M3442	KSP0-125A/1250VAC0BKN/80aR100KA	125A	1450A ² S	11500A ² S	35W
	190M3443	KSP0-160A/1250VAC0BKN/80aR100KA	160A	2600A ² S	21000A ² S	40W
	190M3444	KSP0-200A/1250VAC0BKN/80aR100KA	200A	5150A ² S	41000A ² S	45W
	190M3445	KSP0-250A/1250VAC0BKN/80aR100KA	250A	9200A ² S	73000A ² S	55W
	190M3446	KSP0-315A/1250VAC0BKN/80aR100KA	315A	18500A ² S	150000A ² S	60W
	190M3447	KSP0-350A/1250VAC0BKN/80aR100KA	350A	27000A ² S	220000A ² S	65W
	190M3448	KSP0-400A/1250VAC0BKN/80aR100KA	400A	53000A ² S	335000A ² S	70W
1BKN/80	190M4438	KSP1-160A/1250VAC1BKN/80aR100KA	160A	1900A ² S	15500A ² S	45W
	190M4439	KSP1-200A/1250VAC1BKN/80aR100KA	200A	3800A ² S	30000A ² S	50W
	190M4440	KSP1-250A/1250VAC1BKN/80aR100KA	250A	7750A ² S	61500A ² S	60W
	190M4441	KSP1-315A/1250VAC1BKN/80aR100KA	315A	15000A ² S	120000A ² S	65W
	190M4442	KSP1-350A/1250VAC1BKN/80aR100KA	350A	20000A ² S	165000A ² S	70W
	190M4443	KSP1-400A/1250VAC1BKN/80aR100KA	400A	29500A ² S	235000A ² S	75W
	190M4444	KSP1-4560A/1250VAC1BKN/80aR100KA	450A	42000A ² S	335000A ² S	80W
	190M4445	KSP1-500A/1250VAC1BKN/80aR100KA	500A	69500A ² S	435000A ² S	85W
	190M4446	KSP1-550A/1250VAC1BKN/80aR100KA	550A	95000A ² S	590000A ² S	95W
	+190M4447	KSP1-630A/1100VAC1BKN/80aR100KA	630A	130000A ² S	785000A ² S	100W
2BKN/80	190M5438	KSP2-250A/1250VAC 2BKN/80aR100KA	250A	6500A ² S	51500A ² S	65W
	190M5439	KSP2-280A/1250VAC 2BKN/80aR100KA	280A	9350A ² S	74500A ² S	70W
	190M5440	KSP2-315A/1250VAC 2BKN/80aR100KA	315A	13000A ² S	105000A ² S	75W
	190M5441	KSP2-350A/1250VAC 2BKN/80aR100KA	350A	16500A ² S	135000A ² S	80W
	190M5442	KSP2-400A/1250VAC 2BKN/80aR100KA	400A	23000A ² S	180000A ² S	85W
	190M5443	KSP2-450A/1250VAC 2BKN/80aR100KA	450A	34000A ² S	270000A ² S	90W
	190M5444	KSP2-500A/1250VAC 2BKN/80aR100KA	500A	48000A ² S	380000A ² S	95W
	190M5445	KSP2-550A/1250VAC 2BKN/80aR100KA	550A	62000A ² S	495000A ² S	100W
	190M5446	KSP2-630A/1250VAC 2BKN/80aR100KA	630A	115000A ² S	730000A ² S	110W
	+190M5447	KSP2-700A/1100VAC 2BKN/80aR100KA	700A	160000A ² S	1050000A ² S	115W
	*190M5448	KSP2-800A/1000VAC 2BKN/80aR100KA	800A	245000A ² S	1550000A ² S	120W

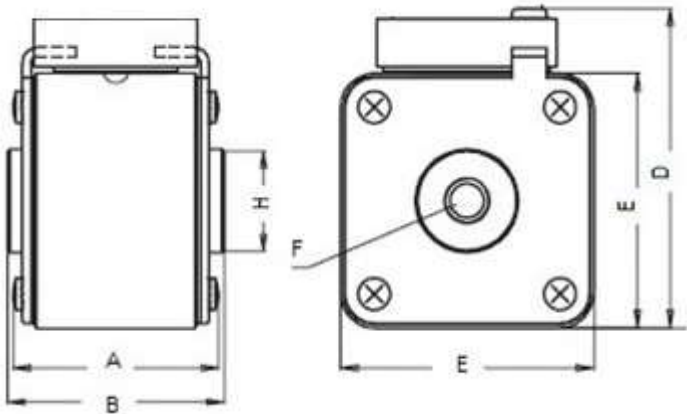
†Rated voltage (IEC) 1100V, *Rated voltage (IEC) 1000V.

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

Size 瓷管 代号	Catalog Numbers 订货号	Designation type型号规格	Electrical Characteristics电气特性			
		BKN/ Type K/80 Indicator for Micro 中部微动指示	Rating Ampere (A)	Pre-arcing I ² t (KA²S)	Total I ² t @ 1250V(KA²S)	Watts Loss(W)
3	190M6538	KSP3-315A/1250VAC3BKN/80aR100KA	315A	9.5KA²S	77.5KA²S	85W
	190M6539	KSP3-350A/1250VAC3BKN/80aR100KA	350A	13.5KA²S	110KA²S	90W
	190M6540	KSP3-400A/1250VAC3BKN/80aR100KA	400A	19.5KA²S	160KA²S	95W
	190M6541	KSP3-450A/1250VAC3BKN/80aR100KA	450A	31KA²S	245KA²S	100W
	190M6542	KSP3-500A/1250VAC3BKN/80aR100KA	500A	39KA²S	310KA²S	105W
	190M6543	KSP3-550A/1250VAC3BKN/80aR100KA	550A	55KA²S	435KA²S	110W
	190M6544	KSP3-630A/1250VAC3BKN/80aR100KA	630A	83.5KA²S	665KA²S	115W
	190M6545	KSP3-700A/1250VAC3BKN/80aR100KA	700A	115KA²S	940KA²S	120W
	190M6546	KSP3-800A/1250VAC3BKN/80aR100KA	800A	205KA²S	1300KA²S	125W
	+190M6547	KSP3-900A/1100VAC3BKN/80aR100KA	900A	305KA²S	1900KA²S	130W
	+190M6548	KSP3-1000A/1100VAC3BKN/80aR100KA	1000A	450KA²S	2750KA²S	135W
	*190M6549	KSP3-1100A/1000VAC3BKN/80aR100KA	1100A	575KA²S	3600KA²S	140W

†Rated voltage (IEC) 1100V, *Rated voltage (IEC) 1000V.

Dimensions 安装尺寸图: (mm):



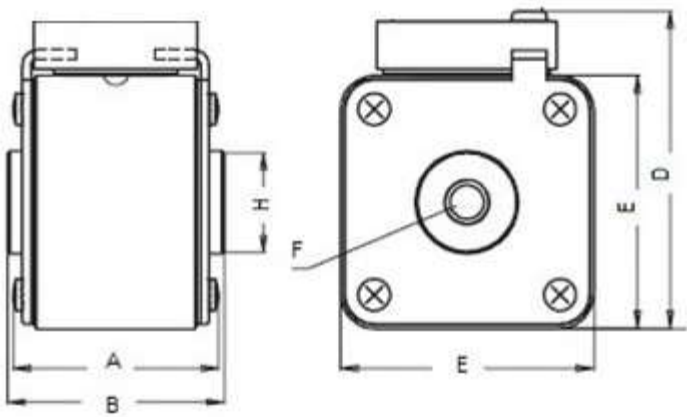
CatalogNumbers	A	B	D	E	F	H
0BKN/80	79	81	58	43	M8	Φ17
1BKN/80	79	81	66	51	M8	Φ20
2BKN/80	79	81	75	60	M10	Φ25
3BKN/80	79	81	90	75	M12	Φ30

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

Size 瓷管 代号	Catalog Numbers 订货号	Designation type型号规格	Electrical Characteristics电气特性			
		BKN/ Type K/90 Indicator for Micro 中部微动指示	Rating Ampere (A)	Pre-arcing I²t (KA²S)	Total I²t @ 1250V(KA²S)	Watts Loss(W)
2BKN/90	190M5494	KSP2-500A/1250VAC2BKN/90aR100KA	500A	62KA²S	495KA²S	100W
	190M5495	KSP2-550A/1250VAC2BKN/90aR100KA	550A	115KA²S	730KA²S	110W
	190M5496	KSP2-630A/1250VAC2BKN/90aR100KA	630A	160KA²S	1050KA²S	115W
	190M5497	KSP2-700A/1250VAC2BKN/90aR100KA	700A	245KA²S	1550KA²S	120W
	190M5498	KSP2-800A/1250VAC2BKN90aR100KA	800A	360KA²S		125W
	+190M5499	KSP2-900A/1100VAC2BKN/90aR100KA	+900A	480KA²S		135W
	+190M5500	KSP2-1000A/1100VAC2BKN/90aR100KA	+1000A	620KA²S	4950KA²S	100W
3BKN/90	190M6494	KSP3-630A/1250VAC3BKN/90aR100KA	630A	83.5KA²S	665KA²S	115W
	190M6495	KSP3-700A/1250VAC3BKN/90aR100KA	700A	115KA²S	940KA²S	120W
	190M6496	KSP3-800A/1250VAC3BKN/90aR100KA	800A	205KA²S	1300KA²S	125W
	190M6497	KSP3-900A/1250VAC3BKN/90aR100KA	900A	305KA²S	1900KA²S	130W
	190M6498	KSP3-1000A/1250VAC3BKN/90aR100KA	1000A	450KA²S	2750KA²S	135W
	190M6499	KSP3-1100A/1250VAC3BKN/90aR100KA	1100A	575KA²S	3600KA²S	140W
	+190M6500	KSP3-1250A/1100VAC3BKN/90aR100KA	+1250A	810KA²S	4950KA²S	145W
	+190M6501	KSP3-1400A/1100VAC3BKN/90aR100KA	+1400A	1250KA²S	6800KA²S	150W

†Rated voltage (IEC) 1100V, *Rated voltage (IEC) 1000V.

Dimensions 安装尺寸图: (mm):

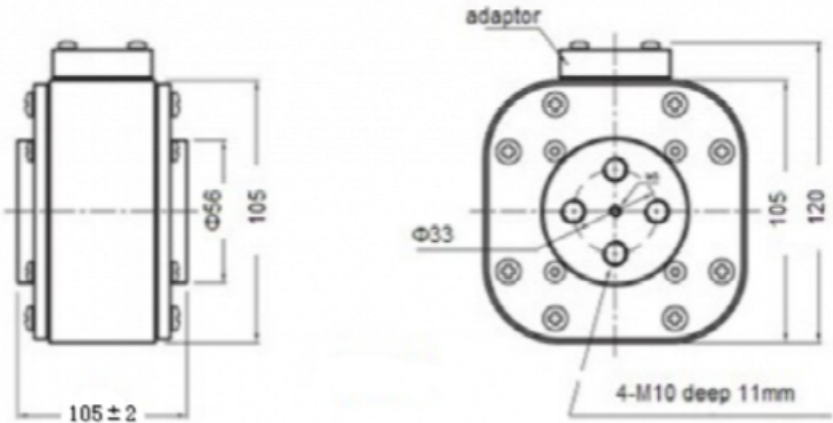


CatalogNumbers	A	B	D	E	F	C	H
2BKN/90	79	90	75	60	M10	105	Φ25
3BKN/90	81	90	90	75	M12	120	Φ30

Main Characteristics 主要技术参数电压:1250VAC 电流范围:from 1400A to 2500A 类别 Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation type型号规格	Electrical Characteristics电气特性				
		5BKN/ 105Type K Indicator for Micro中部微动指示	Rated Voltage(V)	Rating Ampere (A)	Pre-arcing I²t (KA²S)	Total I²t @ 1250V(KA²S)	Watts Loss(W)
5BKN/105	190M7217	KSP54-1400A/1250VAC5BKN/105aR100KA	1250VAC	1400A	800KA²S	5000KA²S	195W
	190M7597	KSP54-1500A/1250VAC5BKN/105aR100KA		1500A	1000KA²S	6200KA²S	200W
	190M7676	KSP54-1700A/1250VAC5BKN/105aR100KA		1700A	1400KA²S	8700KA²S	220W
	190M7532	KSP54-1800A/1250VAC5BKN/105aR100KA		1800A	1700KA²S	11000KA²S	225W
	190M7633	KSP54-2000A/1250VAC5BKN/105aR100KA		2000A	2300KA²S	14500KA²S	235W
	190M7592	KSP54-2200A/1250VAC5BKN/105aR100KA		2200A	3100KA²S	19500KA²S	245W
	190M7107	KSP54-2400A/1250VAC5BKN/105aR100KA		2400A	4000KA²S	25000KA²S	255W
	190M7595	KSP54-2500A/1250VAC5BKN/105aR100KA		2500A	4500KA²S	28000KA²S	260W

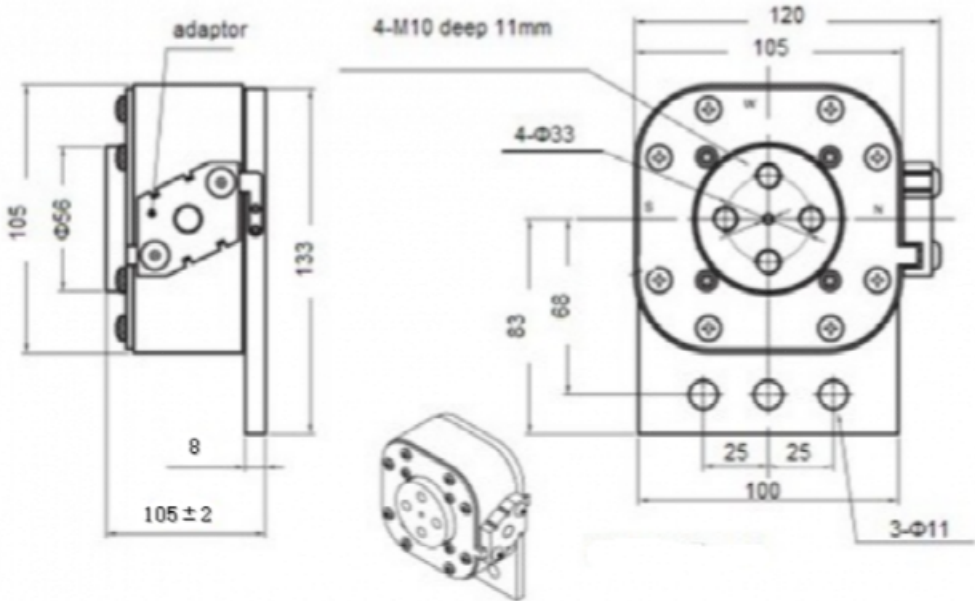
Dimensions 安装尺寸图(mm):



Main Characteristics 主要技术参数电压:1250VAC 电流范围:from 1400A to 2500A 类别 Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation type型号规格	Electrical Characteristics电气特性				
		5SBKN/ 105Type K Indicator for Micro中部微动指示	Rated Voltage(V)	Rating Ampere (A)	Pre-arcing I²t (KA²S)	Total I²t @ 1250V(KA²S)	Watts Loss(W)
5SBKN/105	190M7512	KSP54S-1400A/1250VAC5BKN/105aR100KA	1250VAC	1400A	800KA²S	5000KA²S	195W
	190M7510	KSP54S-1500A/1250VAC5BKN/105aR100KA		1500A	1000KA²S	6200KA²S	200W
	190M7511	KSP54S-1700A/1250VAC5BKN/105aR100KA		1700A	1400KA²S	8700KA²S	220W
	190M7976	KSP54S-1800A/1250VAC5BKN/105aR100KA		1800A	1700KA²S	11000KA²S	225W
	190M7513	KSP54S-2000A/1250VAC5BKN/105aR100KA		2000A	2300KA²S	14500KA²S	235W
	190M7546	KSP54S-2200A/1250VAC5BKN/105aR100KA		2200A	3100KA²S	19500KA²S	245W
	190M7516	KSP54S-2400A/1250VAC5BKN/105aR100KA		2400A	4000KA²S	25000KA²S	255W
	190M7978	KSP54S-2500A/1250VAC5BKN/105aR100KA		2500A	4500KA²S	28000KA²S	260W

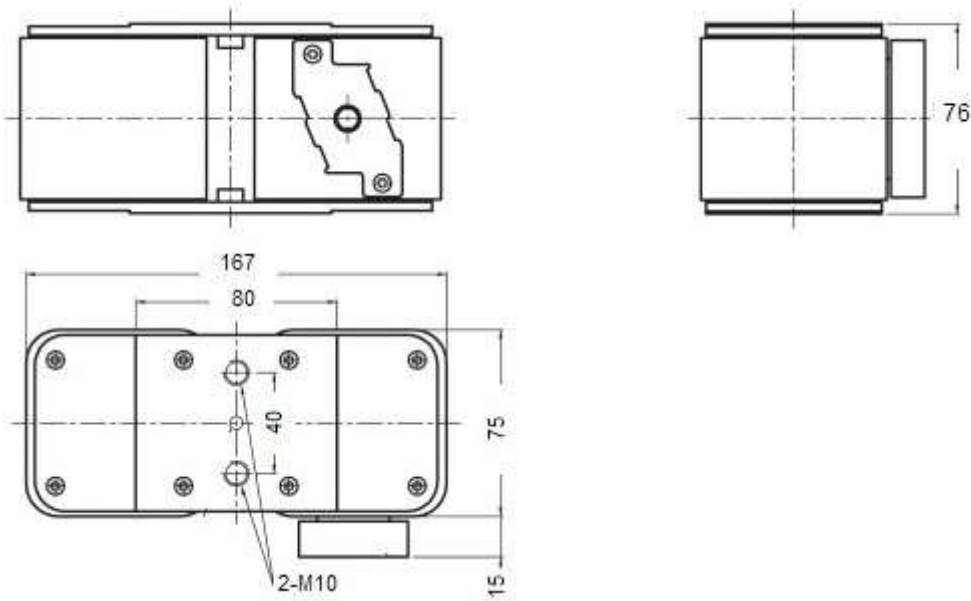
Dimensions 安装尺寸图(mm):



Main Characteristics主要技术参数电压:1250VAC 电流范围:from 630A to 1800A类别Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation type型号规格	Electrical Characteristics电气特性				
		23BKE/75 Type K Indicator中部微动指示	Rating Voltage (V)	Rating Ampere (A)	Pre-arcing I²t (KA²S)	Total I²t @ 1250V (KA²S)	Watts Loss (W)
23BKE/75	190M6795	KSH23-630A/1250VAC23BKE/75aR100KA	1250VAC	630A	38KA²S	310KA²S	170W
	190M6796	KSH23-700A/1250VAC23BKE/75aR100KA		700A	54KA²S	440KA²S	180W
	190M6797	KSH23-800A/1250VAC23BK/E75aR100KA		800A	78KA²S	640KA²S	190W
	190M6807	KSH23-900A/1250VAC23BKE/75aR100KA		900A	120KA²S	980KA²S	200W
	190M6798	KSH23-1000A/1250VAC23BKE/75aR100KA		1000A	155KA²S	1250KA²S	210W
	190M6799	KSH23-1100A/1250VAC23BKE/75aR100KA		1100A	220KA²S	1750KA²S	220W
	190M6800	KSH23-1250A/1250VAC23BKE/75aR100KA		1250A	330KA²S	2700KA²S	230W
	190M6801	KSH23-1400A/1250VAC23BKE/75aR100KA		1400A	460KA²S	3800KA²S	240W
	190M6802	KSH23-1600A/1250VAC23BKE/75aR100KA		1600A	820KA²S	5200KA²S	250W
	190M6803	KSH23-1800A/1250VAC23BEK/75aR100KA		1800A	1200KA²S	7600KA²S	260W

Dimensions 安装尺寸图(mm):23BKE/75

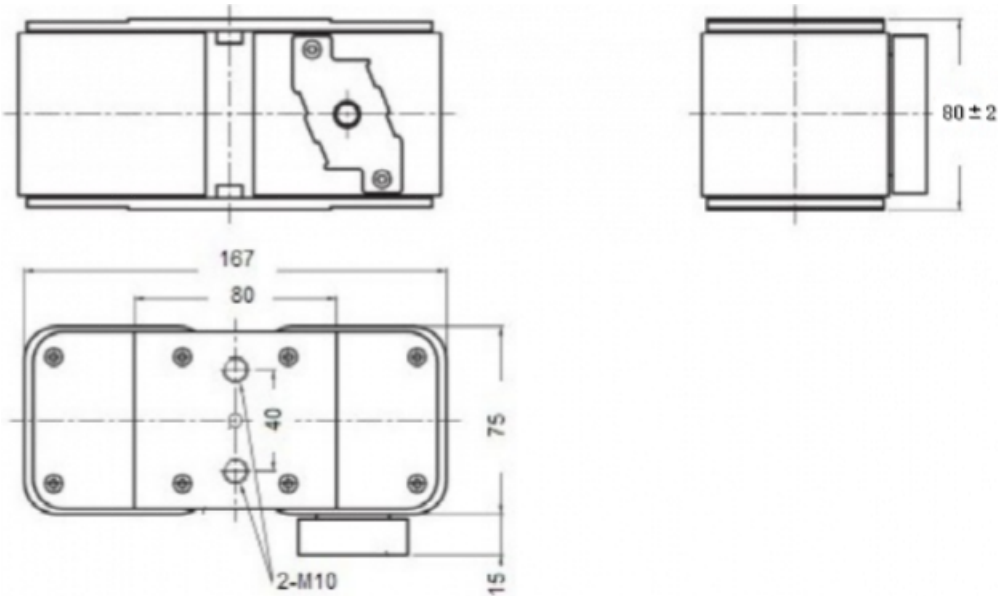


Main Characteristics主要技术参数电压:1250VAC 电流范围:from 2000A to 2800A类别Class: aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation type型号规格	Electrical Characteristics电气特性				
		23BKE/80Type K Indicator中部微动指示	Rating Voltage (V)	Rating Ampere (A)	Pre-arcing I²t (KA²S)	Total I²t @ Un (KA²S)	Watts Loss (W)
23BKE/80	190M6804	KSH23-2000A/1250VAC23BKE/80aR100KA	1250VAC	2000A	1800KA²S	11000KA²S	270W
	190M6833	KSH23-2200A/1250VAC23BKE/80aR100KA	1250VAC	2200A	2300KA²S	14500KA²S	280W
	+190M6834	KSH23-2500A/1100VAC23BKE/80aR100KA	1100VAC	2500A	3200KA²S	+16000KA²S	290W
	+190M6835	KSH23-2800A/1100VAC23BKE/80aR100KA	1100VAC	2800A	5000KA²S	+24000KA²S	300W

†Rated voltage (IEC) 1100V.

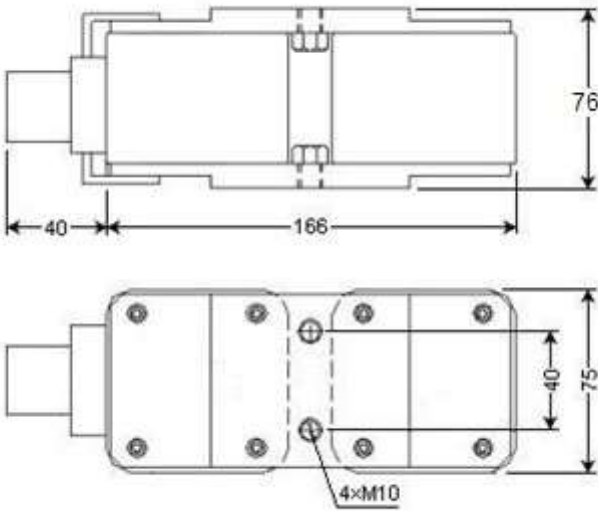
Dimensions 安装尺寸图(mm):23BKE/80



Main Characteristics主要技术参数电压:1250VAC 电流范围:from 630A to 1800A类别Class: aR

Size 瓷管 代号	Catalog Numbers 订货号	Designation type型号规格	Electrical Characteristics电气特性				
		23BKN/75 Type K Indicator中部微动指示	Rating Voltage (V)	Rating Ampere (A)	Pre-arcing I²t (KA²S)	Total I²t @ 1250V (KA²S)	Watts Loss (W)
23BKN/75	190M6785	KSH23-630A/1250VAC23BKN/75aR100KA	1250VAC	630A	38KA²S	310KA²S	170W
	190M6786	KSH23-700A/1250VAC23BKN/75aR100KA		700A	54KA²S	440KA²S	180W
	190M6787	KSH23-800A/1250VAC23BK/N75aR100KA		800A	78KA²S	640KA²S	190W
	190M6806	KSH23-900A/1250VAC23BKN/75aR100KA		900A	120KA²S	980KA²S	200W
	190M6788	KSH23-1000A/1250VAC23BKN/75aR100KA		1000A	155KA²S	1250KA²S	210W
	190M6789	KSH23-1100A/1250VAC23BKN/75aR100KA		1100A	220KA²S	1750KA²S	220W
	190M6790	KSH23-1250A/1250VAC23BKN/75aR100KA		1250A	330KA²S	2700KA²S	230W
	190M6791	KSH23-1400A/1250VAC23BKN/75aR100KA		1400A	460KA²S	3800KA²S	240W
	190M6792	KSH23-1600A/1250VAC23BKN/75aR100KA		1600A	820KA²S	5200KA²S	250W
	190M6793	KSH23-1800A/1250VAC23BKN/75aR100KA		1800A	1200KA²S	7600KA²S	260W

Dimensions 安装尺寸图(mm):23BKN/75

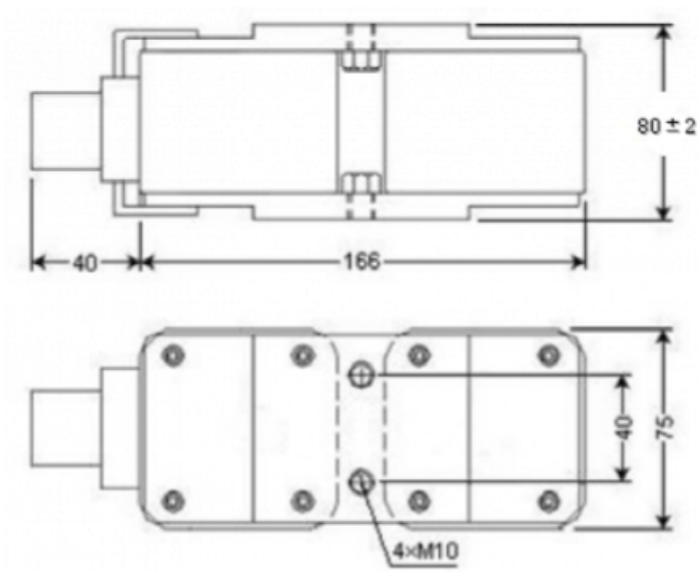


Main Characteristics主要技术参数电压:1250VAC 电流范围:from 2000A to 2800A类别Class: aR

Size 瓷瓶 代号	Catalog Numbers 订货号	Designation type型号规格	Electrical Characteristics电气特性				
		23BKN/80Type K Indicator中部微动指示	Rating Voltage (V)	Rating Ampere (A)	Pre-arcing I²t (KA²S)	Total I²t @ Un (KA²S)	Watts Loss (W)
23BKN/80	190M6794	KSH23-2000A/1250VAC23BKN/80aR100KA	1250VAC	2000A	1800KA²S	11000KA²S	270W
	190M6827	KSH23-2200A/1250VAC23BKN/80aR100KA	1250VAC	2200A	2300KA²S	14500KA²S	280W
	+190M6828	KSH23-2500A/1100VAC23BKN/80aR100KA	1100VAC	2500A	3200KA²S	+16000KA²S	290W
	+190M6829	KSH23-2800A/1100VAC23BKN/80aR100KA	1100VAC	2800A	5000KA²S	+24000KA²S	300W

†Rated voltage (IEC) 1100V.

Dimensions 安装尺寸图(mm):23BKN/80



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

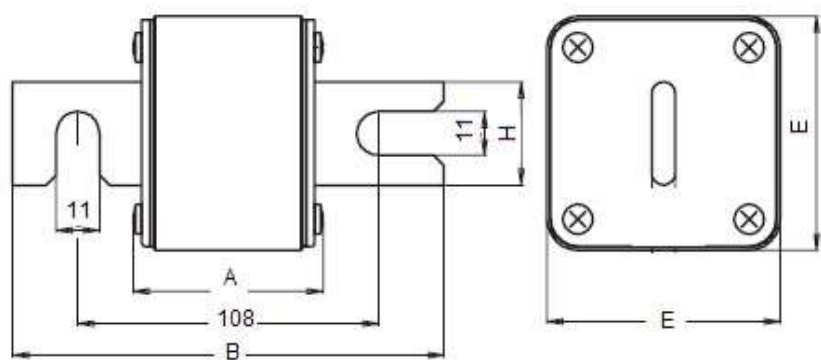
Size 瓷管 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		-110/Visual indicator 无指示	Ampere Rating(A)	Pre-arcing I _{pt} (A ² S)	Total I _{pt} @1000V(A ² S)	Total I _{pt} @1250V(A ² S)	Power P _n (W)
0/110	190M3138	KSZ0-50A/1250VAC 0/110aR100KA	50A	135A ² S	815A ² S	1100A ² S	15W
	190M3139	KSZ0-63A/1250VAC 0/110aR100KA	63A	215A ² S	1300A ² S	1750A ² S	20W
	190M3140	KSZ0-80A/1250VAC 0/110aR100KA	80A	420A ² S	2500A ² S	3350A ² S	25W
	190M3141	KSZ0-100A/1250VAC 0/110aR100KA	100A	750A ² S	4450A ² S	5950A ² S	30W
	190M3142	KSZ0-125A/1250VAC 0/110aR100KA	125A	1450A ² S	9000A ² S	11500A ² S	35W
	190M3143	KSZ0-160A/1250VAC 0/110aR100KA	160A	2600A ² S	16000A ² S	21000A ² S	40W
	190M3144	KSZ0-200A/1250VAC 0/110aR100KA	200A	5150A ² S	31000A ² S	41000A ² S	45W
	190M3145	KSZ0-250A/1250VAC 0/110aR100KA	250A	9200A ² S	54500A ² S	73000A ² S	55W
	190M3146	KSZ0-315A/1250VAC 0/110aR100KA	315A	18500A ² S	115000A ² S	150000A ² S	60W
	190M3147	KSZ0-350A/1250VAC 0/110aR100KA	350A	27000A ² S	165000A ² S	220000A ² S	65W
	190M3148	KSZ0-400A/1250VAC 0/110aR100KA	400A	53000A ² S	265000A ² S	335000A ² S	70W
1/110	190M4138	KSZ1-160A/1250VAC1/110aR100KA	160A	1900A ² S	11500A ² S	15500A ² S	45W
	190M4139	KSZ1-200A/1250VAC1/110aR100KA	200A	3800A ² S	22500A ² S	30000A ² S	50W
	190M4140	KSZ1-250A/1250VAC1/110aR100KA	250A	7750A ² S	46000A ² S	61500A ² S	60W
	190M4141	KSZ1-315A/1250VAC1/110aR100KA	315A	15000A ² S	90000A ² S	120000A ² S	65W
	190M4142	KSZ1-350A/1250VAC1/110aR100KA	350A	20000A ² S	125000A ² S	165000A ² S	70W
	190M4143	KSZ1-400A/1250VAC1/110aR100KA	400A	29500A ² S	175000A ² S	235000A ² S	75W
	190M4144	KSZ1-450A/1250VAC1/110aR100KA	450A	42000A ² S	250000A ² S	335000A ² S	80W
	190M4145	KSZ1-500A/1250VAC1/110aR100KA	500A	69500A ² S	340000A ² S	435000A ² S	85W
	190M4146	KSZ1-550A/1250VAC1/110aR100KA	550A	95000A ² S	465000A ² S	590000A ² S	95W
	+190M4147	KSZ1-630A/1100VAC1/110aR100KA	†630A	130000A ² S	660000A ² S	750000A ² S	100W
2/110	190M5138	KSZ2-250A/1250VAC2/110aR100KA	250A	6500A ² S	38500A ² S	51500A ² S	65W
	190M5139	KSZ2-280A/1250VAC2/110aR100KA	280A	9350A ² S	55500A ² S	74500A ² S	70W
	190M5140	KSZ2-315A/1250VAC2/110aR100KA	315A	13000A ² S	77500A ² S	105000A ² S	75W
	190M5141	KSZ2-350A/1250VAC2/110aR100KA	350A	16500A ² S	97500A ² S	135000A ² S	80W
	190M5142	KSZ2-400A/1250VAC2/110aR100KA	400A	23000A ² S	140000A ² S	180000A ² S	85W
	190M5143	KSZ2-450A/1250VAC2/110aR100KA	450A	34000A ² S	205000A ² S	270000A ² S	90W
	190M5144	KSZ2-500A/1250VAC2/110aR100KA	500A	48000A ² S	285000A ² S	380000A ² S	95W
	190M5145	KSZ2-550A/1250VAC2/110aR100KA	550A	62000A ² S	370000A ² S	495000A ² S	100W
	190M5146	KSZ2-630A/1250VAC2/110aR100KA	630A	115000A ² S	575000A ² S	730000A ² S	110W
	190M5147	KSZ2-700A/1250VAC2/110aR100KA	700A	160000A ² S	795000A ² S	1050000A ² S	115W
	190M5148	KSZ2-800A/1250VAC2/110aR100KA	800A	245000A ² S	1200000A ² S	1550000A ² S	120W
	+190M5149	KSZ2-900A/1100VAC2/110aR100KA	†900A	360000A ² S	1750000A ² S	1860000A ² S	125W
	190M5150	KSZ2-1000A/1100VAC2/110aR100KA	†1000A	480000A ² S	2350000A ² S	2560000A ² S	135W

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

Size 瓷管 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		-110/Visual indicator 无指示	Ampere Rating(A)	Pre-arcing I ² t (KA²S)	Total I ² t @1000V(KA²S)	Total I ² t @1250V(KA²S)	Power P _n (W)
3/110	190M6138	KSZ3-315A/1250VAC3/110aR100KA	315A	9.5KA²S	58KA²S	77.5KA²S	85W
	190M6139	KSZ3-350A/1250VAC3/110aR100KA	350A	13.5KA²S	81.5KA²S	110KA²S	90W
	190M6140	KSZ3-400A/1250VAC3/110aR100KA	400A	19.5KA²S	120KA²S	160KA²S	95W
	190M6141	KSZ3-450A/1250VAC3/110aR100KA	450A	31KA²S	185KA²S	245KA²S	100W
	190M6142	KSZ3-500A/1250VAC3/110aR100KA	500A	39KA²S	235KA²S	310KA²S	105W
	190M6143	KSZ3-550A/1250VAC3/110aR100KA	550A	55KA²S	325KA²S	435KA²S	110W
	190M6144	KSZ3-630A/1250VAC3/110aR100KA	630A	83.5KA²S	495KA²S	665KA²S	115W
	190M6145	KSZ3-700A/1250VAC3/110aR100KA	700A	115KA²S	705KA²S	940KA²S	120W
	190M6146	KSZ3-800A/1250VAC3/110aR100KA	800A	205KA²S	995KA²S	1300KA²S	125W
	190M6147	KSZ3-900A/1250VAC3/110aR100KA	900A	305KA²S	1500KA²S	1900KA²S	130W
	190M6148	KSZ3-1000A/1250VAC3/110aR100KA	1000A	450KA²S	2150KA²S	2750KA²S	135W
	190M6149	KSZ3-1100A/1250VAC3/110aR100KA	1100A	575KA²S	2800KA²S	3600KA²S	140W
	190M6150	KSZ3-1250A/1100VAC3/110aR100KA	†1250A	810KA²S	3950KA²S	4250KA²S	145W
	190M6151	KSZ3-1400A/1100VAC3/110aR100KA	†1400A	1250KA²S	6000KA²S	6500KA²S	150W

†Rated voltage (IEC) 1100V.

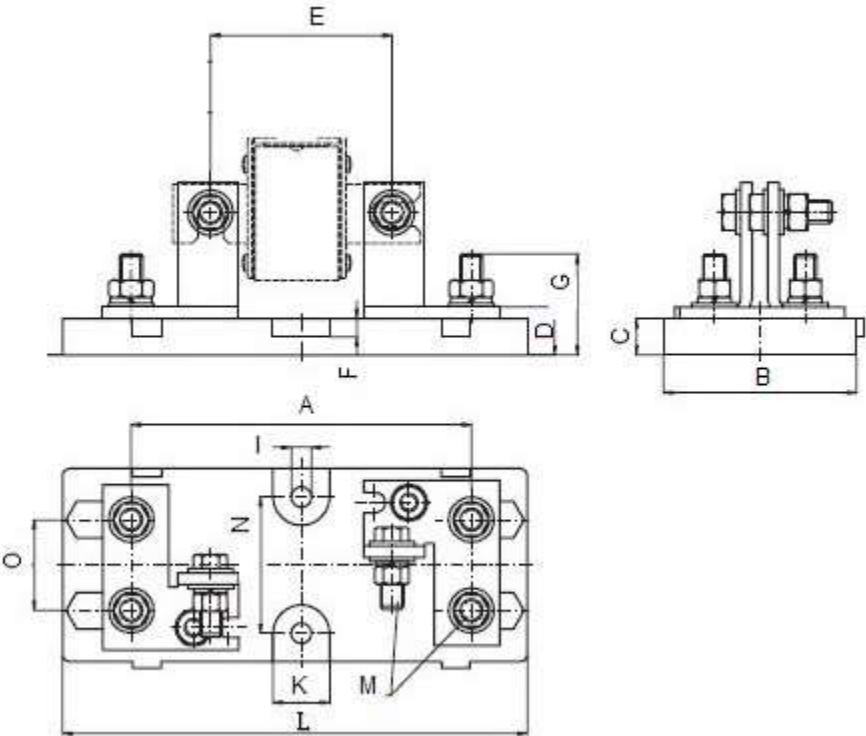
Dimensions 安装尺寸图(mm):



Designation type: -110/ Visual indicator				
size	A	B	E	H
0/110	80	138	43	20
1/110	80	138	51	25
2/110	80	138	60	25
3/110	81	139	75	30

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

630A/1250A 熔断器底座 Fuse holder Dimensions(mm):



Fixing Center	Deminsion(mm)												
110mm中心距	A	B	C	D	E	F	G	I	K	L	M	N	O
FBM110-630A	145	86	17	22	108	9	42	Φ9	25	205	M10	60	86
FBM110-1250 A	145	86	17	27	108	9	42	Φ9	25	205	M10	60	40



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

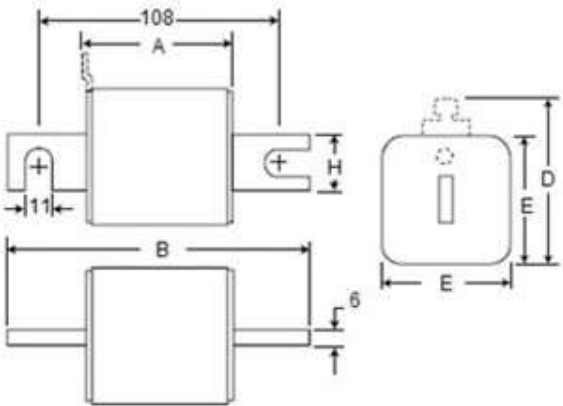
Size 瓷管 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		-TN/110/Visual indicator 顶部指示	Ampere Rating(A)	Pre-arcing I _{pt} (A ² S)	Total I _{pt} @1000V(A ² S)	Total I _{pt} @1250V(A ² S)	Power P _n (W)
0TN/110	190M3188	KSZ0-50A/1250VAC0TN/110aR100KA	50A	135A ² S	815A ² S	1100A ² S	15W
	190M3189	KSZ0-63A/1250VAC0TN/110aR100KA	63A	215A ² S	1300A ² S	1750A ² S	20W
	190M3190	KSZ0-80A/1250VAC0TN/110aR100KA	80A	420A ² S	2500A ² S	3350A ² S	25W
	190M3191	KSZ0-100A/1250VAC0TN/110aR100KA	100A	750A ² S	4450A ² S	5950A ² S	30W
	190M3192	KSZ0-125A/1250VAC0TN/110aR100KA	125A	1450A ² S	9000A ² S	11500A ² S	35W
	190M3193	KSZ0-160A/1250VAC0TN/110aR100KA	160A	2600A ² S	16000A ² S	21000A ² S	40W
	190M3194	KSZ0-200A/1250VAC0TN/110aR100KA	200A	5150A ² S	31000A ² S	41000A ² S	45W
	190M3195	KSZ0-250A/1250VAC0TN/110aR100KA	250A	9200A ² S	54500A ² S	73000A ² S	55W
	190M3196	KSZ0-315A/1250VAC0TN/110aR100KA	315A	18500A ² S	115000A ² S	150000A ² S	60W
	190M3197	KSZ0-350A/1250VAC0TN/110aR100KA	350A	27000A ² S	165000A ² S	220000A ² S	65W
	190M3198	KSZ0-400A/1250VAC0TN/110aR100KA	400A	53000A ² S	265000A ² S	335000A ² S	70W
1TN/110	190M4188	KSZ1-160A/1250VAC1TN/110aR100KA	160A	1900A ² S	11500A ² S	15500A ² S	45W
	190M4189	KSZ1-200A/1250VAC1TN/110aR100KA	200A	3800A ² S	22500A ² S	30000A ² S	50W
	190M4190	KSZ1-250A/1250VAC1TN/110aR100KA	250A	7750A ² S	46000A ² S	61500A ² S	60W
	190M4191	KSZ1-315A/1250VAC1TN/110aR100KA	315A	15000A ² S	90000A ² S	120000A ² S	65W
	190M4192	KSZ1-350A/1250VAC1TN/110aR100KA	350A	20000A ² S	125000A ² S	165000A ² S	70W
	190M4193	KSZ1-400A/1250VAC1TN/110aR100KA	400A	29500A ² S	175000A ² S	235000A ² S	75W
	190M4194	KSZ1-450A/1250VAC1TN/110aR100KA	450A	42000A ² S	250000A ² S	335000A ² S	80W
	190M4195	KSZ1-500A/1250VAC1TN/110aR100KA	500A	69500A ² S	340000A ² S	435000A ² S	85W
	190M4196	KSZ1-550A/1250VAC1TN/110aR100KA	550A	95000A ² S	465000A ² S	590000A ² S	95W
	190M4197	KSZ1-630A/1100VAC1TN/110aR100KA	†630A	130000A ² S	660000A ² S	750000A ² S	100W
2TN/110	190M5188	KSZ2-250A/1250VAC2TN/110aR100KA	250A	6500A ² S	38500A ² S	51500A ² S	65W
	190M5189	KSZ2-280A/1250VAC2TN/110aR100KA	280A	9350A ² S	55500A ² S	74500A ² S	70W
	190M5190	KSZ2-315A/1250VAC2TN/110aR100KA	315A	13000A ² S	77500A ² S	105000A ² S	75W
	190M5191	KSZ2-350A/1250VAC2TN/110aR100KA	350A	16500A ² S	97500A ² S	135000A ² S	80W
	190M5192	KSZ2-400A/1250VAC2TN/110aR100KA	400A	23000A ² S	140000A ² S	180000A ² S	85W
	190M5193	KSZ2-450A/1250VAC2TN/110aR100KA	450A	34000A ² S	205000A ² S	270000A ² S	90W
	190M5194	KSZ2-500A/1250VAC2TN/110aR100KA	500A	48000A ² S	285000A ² S	380000A ² S	95W
	190M5195	KSZ2-550A/1250VAC2TN/110aR100KA	550A	62000A ² S	370000A ² S	495000A ² S	100W
	190M5196	KSZ2-630A/1250VAC2TN/110aR100KA	630A	115000A ² S	575000A ² S	730000A ² S	110W
	190M5197	KSZ2-700A/1250VAC2TN/110aR100KA	700A	160000A ² S	795000A ² S	1050000A ² S	115W
	190M5198	KSZ2-800A/1250VAC2TN/110aR100KA	800A	245000A ² S	1200000A ² S	1550000A ² S	120W
	190M5199	KSZ2-900A/1100VAC2TN/110aR100KA	†900A	360000A ² S	1750000A ² S	1860000A ² S	125W
	190M5200	KSZ2-1000A/1100VAC2TN/110aR100KA	†1000A	480000A ² S	2350000A ² S	2560000A ² S	135W

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

Size 瓷管 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		-TN/110/Visual indicator 顶部指示	Ampere Rating(A)	Pre-arcing I ² t (KA²S)	Total I ² t @1000V(KA²S)	Total I ² t @1250V(KA²S)	Power P _n (W)
3TN/110	190M6188	KSZ3-315A/1250VAC3TN/110aR100KA	315A	9.5KA²S	58KA²S	77.5KA²S	85W
	190M6189	KSZ3-350A/1250VAC3TN/110aR100KA	350A	13.5KA²S	81.5KA²S	110KA²S	90W
	190M6190	KSZ3-400A/1250VAC3TN/110aR100KA	400A	19.5KA²S	120KA²S	160KA²S	95W
	190M6191	KSZ3-450A/1250VAC3TN/110aR100KA	450A	31KA²S	185KA²S	245KA²S	100W
	190M6192	KSZ3-500A/1250VAC3TN/110aR100KA	500A	39KA²S	235KA²S	310KA²S	105W
	190M6193	KSZ3-550A/1250VAC3TN/110aR100KA	550A	55KA²S	325KA²S	435KA²S	110W
	190M6194	KSZ3-630A/1250VAC3TN/110aR100KA	630A	83.5KA²S	495KA²S	665KA²S	115W
	190M6195	KSZ3-700A/1250VAC3TN/110aR100KA	700A	115KA²S	705KA²S	940KA²S	120W
	190M6196	KSZ3-800A/1250VAC3TN/110aR100KA	800A	205KA²S	995KA²S	1300KA²S	125W
	190M6197	KSZ3-900A/1250VAC3TN/110aR100KA	900A	305KA²S	1500KA²S	1900KA²S	130W
	190M6198	KSZ3-1000A/1250VAC3TN/110aR100KA	1000A	450KA²S	2150KA²S	2750KA²S	135W
	190M6199	KSZ3-1100A/1250VAC3TN/110aR100KA	1100A	575KA²S	2800KA²S	3600KA²S	140W
	+190M6200	KSZ3-1250A/1100VAC3TN/110aR100KA	†1250A	810KA²S	3950KA²S	4250KA²S	145W
	+190M6201	KSZ3-1400A/1100VAC3TN/110aR100KA	†1400A	1250KA²S	6000KA²S	6500KA²S	150W

†Rated voltage (IEC) 1100V.

Dimensions 安装尺寸图(mm):



Designation type: TN110 Type Indicator					
size	A	B	D	E	H
0	80	138	58	43	20
1	80	138	66	51	25
2	80	138	75	60	25
3	81	139	90	75	30

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

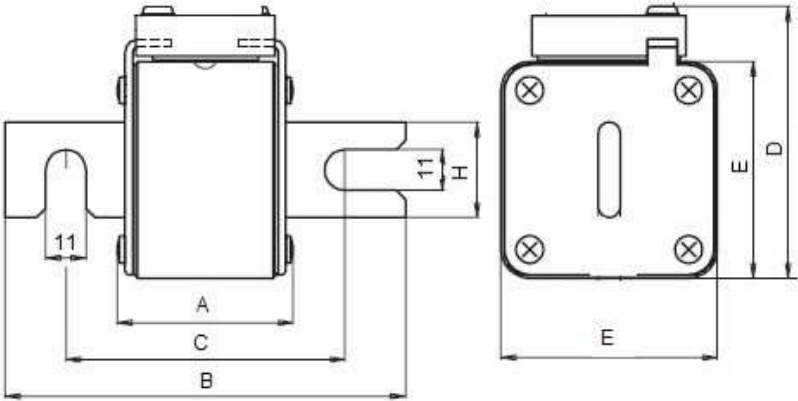
Size 瓷管 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		KN/110/Visual indicator 中部微动指示	Ampere Rating(A)	Pre-arcing I ² t (A ² S)	Total I ² t @1000V(A ² S)	Total I ² t @1250V(A ² S)	Power P _n (W)
0KN/110	190M3238	KSZ0-50A/1250VAC0KN/110aR100KA	50A	135A ² S	815A ² S	1100A ² S	15W
	190M3239	KSZ0-63A/1250VAC0KN/110aR100KA	63A	215A ² S	1300A ² S	1750A ² S	20W
	190M3240	KSZ0-80A/1250VAC0KN/110aR100KA	80A	420A ² S	2500A ² S	3350A ² S	25W
	190M3241	KSZ0-100A/1250VAC0KN/110aR100KA	100A	750A ² S	4450A ² S	5950A ² S	30W
	190M3242	KSZ0-125A/1250VAC0KN/110aR100KA	125A	1450A ² S	9000A ² S	11500A ² S	35W
	190M3243	KSZ0-160A/1250VAC0KN/110aR100KA	160A	2600A ² S	16000A ² S	21000A ² S	40W
	190M3244	KSZ0-200A/1250VAC0KN/110aR100KA	200A	5150A ² S	31000A ² S	41000A ² S	45W
	190M3245	KSZ0-250A/1250VAC0KN/110aR100KA	250A	9200A ² S	54500A ² S	73000A ² S	55W
	190M3246	KSZ0-315A/1250VAC0KN/110aR100KA	315A	18500A ² S	115000A ² S	150000A ² S	60W
	190M3247	KSZ0-350A/1250VAC0KN/110aR100KA	350A	27000A ² S	165000A ² S	220000A ² S	65W
	190M3248	KSZ0-400A/1250VAC0KN/110aR100KA	400A	53000A ² S	265000A ² S	335000A ² S	70W
1KN/110	190M4238	KSZ1-160A/1250VAC1KN/110aR100KA	160A	1900A ² S	11500A ² S	15500A ² S	45W
	190M4239	KSZ1-200A/1250VAC1KN/110aR100KA	200A	3800A ² S	22500A ² S	30000A ² S	50W
	190M4240	KSZ1-250A/1250VAC1KN/110aR100KA	250A	7750A ² S	46000A ² S	61500A ² S	60W
	190M4241	KSZ1-315A/1250VAC1KN/110aR100KA	315A	15000A ² S	90000A ² S	120000A ² S	65W
	190M4242	KSZ1-350A/1250VAC1KN/110aR100KA	350A	20000A ² S	125000A ² S	165000A ² S	70W
	190M4243	KSZ1-400A/1250VAC1KN/110aR100KA	400A	29500A ² S	175000A ² S	235000A ² S	75W
	190M4244	KSZ1-450A/1250VAC1KN/110aR100KA	450A	42000A ² S	250000A ² S	335000A ² S	80W
	190M4245	KSZ1-500A/1250VAC1KN/110aR100KA	500A	69500A ² S	340000A ² S	435000A ² S	85W
	190M4246	KSZ1-550A/1250VAC1KN/110aR100KA	550A	95000A ² S	465000A ² S	590000A ² S	95W
	190M4247	KSZ1-630A/1100VAC1KN/110aR100KA	†630A	130000A ² S	660000A ² S	750000A ² S	100W
2KN/110	190M5238	KSZ2-250A/1250VAC2KN/110aR100KA	250A	6500A ² S	38500A ² S	51500A ² S	65W
	190M5239	KSZ2-280A/1250VAC2KN/110aR100KA	280A	9350A ² S	55500A ² S	74500A ² S	70W
	190M5240	KSZ2-315A/1250VAC2KN/110aR100KA	315A	13000A ² S	77500A ² S	105000A ² S	75W
	190M5241	KSZ2-350A/1250VAC2KN/110aR100KA	350A	16500A ² S	97500A ² S	135000A ² S	80W
	190M5242	KSZ2-400A/1250VAC2KN/110aR100KA	400A	23000A ² S	140000A ² S	180000A ² S	85W
	190M5243	KSZ2-450A/1250VAC2KN/110aR100KA	450A	34000A ² S	205000A ² S	270000A ² S	90W
	190M5244	KSZ2-500A/1250VAC2KN/110aR100KA	500A	48000A ² S	285000A ² S	380000A ² S	95W
	190M5245	KSZ2-550A/1250VAC2KN/110aR100KA	550A	62000A ² S	370000A ² S	495000A ² S	100W
	190M5246	KSZ2-630A/1250VAC2KN/110aR100KA	630A	115000A ² S	575000A ² S	730000A ² S	110W
	190M5247	KSZ2-700A/1250VAC2KN/110aR100KA	700A	160000A ² S	795000A ² S	1050000A ² S	115W
	190M5248	KSZ2-800A/1250VAC2KN/110aR100KA	800A	245000A ² S	1200000A ² S	1550000A ² S	120W
	190M5249	KSZ2-900A/1100VAC2KN/110aR100KA	†900A	360000A ² S	1750000A ² S	1860000A ² S	125W
	190M5250	KSZ2-1000A/1100VAC2KN/110aR100KA	†1000A	480000A ² S	2350000A ² S	2560000A ² S	135W

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

Size 瓷管 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		3KN/110/Visual indicator 顶部指示	Ampere Rating(A)	Pre-arcing I ² t (KA²S)	Total I ² t @1000V(KA²S)	Total I ² t @1250V(KA²S)	Power P _n (W)
3KN/110	190M6238	KSZ3-315A/1250VAC3KN/110aR100KA	315A	9.5KA²S	58KA²S	77.5KA²S	85W
	190M6239	KSZ3-350A/1250VAC3KN/110aR100KA	350A	13.5KA²S	81.5KA²S	110KA²S	90W
	190M6240	KSZ3-400A/1250VAC3KN/110aR100KA	400A	19.5KA²S	120KA²S	160KA²S	95W
	190M6241	KSZ3-450A/1250VAC3KN/110aR100KA	450A	31KA²S	185KA²S	245KA²S	100W
	190M6242	KSZ3-500A/1250VAC3KN/110aR100KA	500A	39KA²S	235KA²S	310KA²S	105W
	190M6243	KSZ3-550A/1250VAC3KN/110aR100KA	550A	55KA²S	325KA²S	435KA²S	110W
	190M6244	KSZ3-630A/1250VAC3KN/110aR100KA	630A	83.5KA²S	495KA²S	665KA²S	115W
	190M6245	KSZ3-700A/1250VAC3KN/110aR100KA	700A	115KA²S	705KA²S	940KA²S	120W
	190M6246	KSZ3-800A/1250VAC3KN/110aR100KA	800A	205KA²S	995KA²S	1300KA²S	125W
	190M6247	KSZ3-900A/1250VAC3KN/110aR100KA	900A	305KA²S	1500KA²S	1900KA²S	130W
	190M6248	KSZ3-1000A/1250VAC3KN/110aR100KA	1000A	450KA²S	2150KA²S	2750KA²S	135W
	190M6249	KSZ3-1100A/1250VAC3KN/110aR100KA	1100A	575KA²S	2800KA²S	3600KA²S	140W
	190M6250	KSZ3-1250A/1100VAC3KN/110aR100KA	†1250A	810KA²S	3950KA²S	4250KA²S	145W
	190M6251	KSZ3-1400A/1100VAC3KN/110aR100KA	†1400A	1250KA²S	6000KA²S	6500KA²S	150W

†Rated voltage (IEC) 1100V.

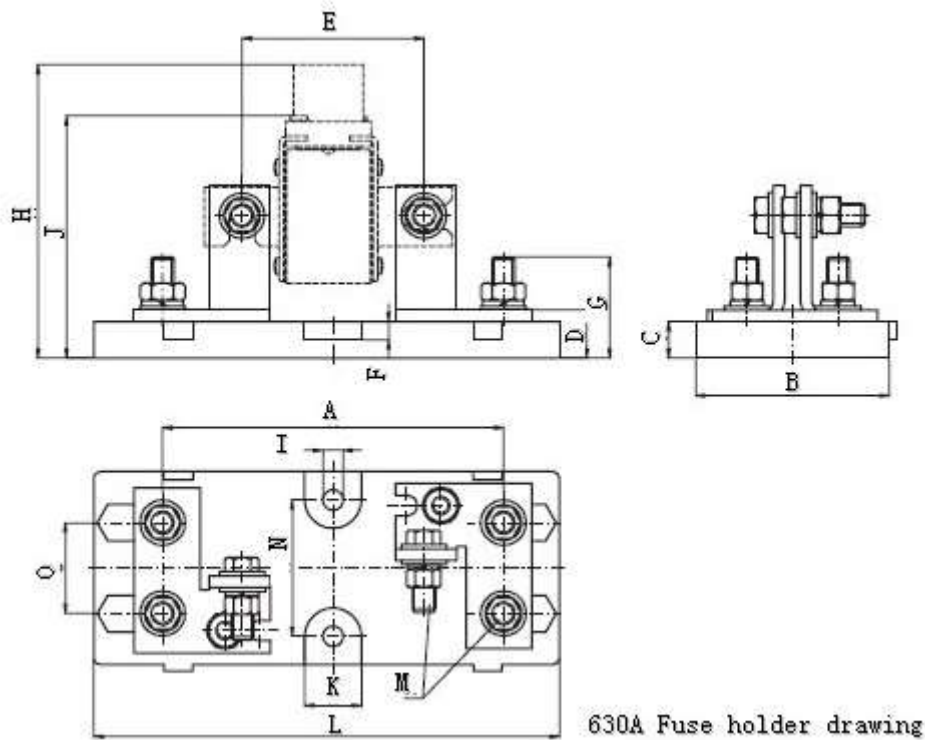
Dimensions 安装尺寸图(mm):



Designation type: KN110 Type Indicator						
size	A	B	C	D	E	H
0	80	145	108	58	43	20
1	80	145	108	66	51	25
2	80	145	108	75	60	25
3	81	145	108	90	75	30

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

630A/1250A 熔断器底座 Fuse holder Dimensions(mm):



Fixing Center	安装尺寸Deminsion(mm)														
110mm中心距离	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
FBM110-630A	145	86	17	22	108	9	42	144	Φ9	114	25	205	M10	60	86
FBM110-1250 A	145	86	17	27	108	9	42	144	Φ9	114	25	205	M10	60	40



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

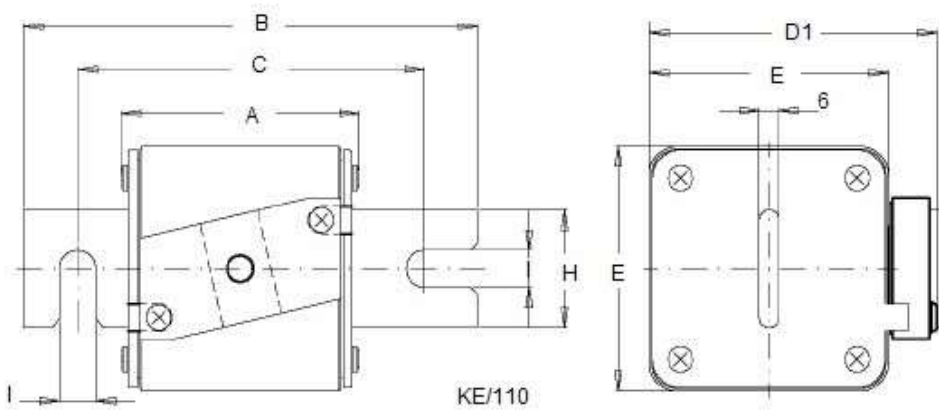
Size 瓷管 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		KE/110/Visual indicator 中部微动指示	Ampere Rating(A)	Pre-arcing I ² t (A ² S)	Total I ² t @1000V(A ² S)	Total I ² t @1250V(A ² S)	Power P _n (W)
0KE/110	190M3738	KSZ0-50A/1250VAC0KE/110aR100KA	50A	135A ² S	815A ² S	1100A ² S	15W
	190M3739	KSZ0-63A/1250VAC0KE/110aR100KA	63A	215A ² S	1300A ² S	1750A ² S	20W
	190M3740	KSZ0-80A/1250VAC0KE/110aR100KA	80A	420A ² S	2500A ² S	3350A ² S	25W
	190M3741	KSZ0-100A/1250VAC0KE/110aR100KA	100A	750A ² S	4450A ² S	5950A ² S	30W
	190M3742	KSZ0-125A/1250VAC0KE/110aR100KA	125A	1450A ² S	9000A ² S	11500A ² S	35W
	190M3743	KSZ0-160A/1250VAC0KE/110aR100KA	160A	2600A ² S	16000A ² S	21000A ² S	40W
	190M3744	KSZ0-200A/1250VAC0KE/110aR100KA	200A	5150A ² S	31000A ² S	41000A ² S	45W
	190M3745	KSZ0-250A/1250VAC0KE/110aR100KA	250A	9200A ² S	54500A ² S	73000A ² S	55W
	190M3746	KSZ0-315A/1250VAC0KE/110aR100KA	315A	18500A ² S	115000A ² S	150000A ² S	60W
	190M3747	KSZ0-350A/1250VAC0KE/110aR100KA	350A	27000A ² S	165000A ² S	220000A ² S	65W
	190M3748	KSZ0-400A/1250VAC0KE/110aR100KA	400A	53000A ² S	265000A ² S	335000A ² S	70W
1KE/110	190M4738	KSZ1-160A/1250VAC1KE/110aR100KA	160A	1900A ² S	11500A ² S	15500A ² S	45W
	190M4739	KSZ1-200A/1250VAC1KE/110aR100KA	200A	3800A ² S	22500A ² S	30000A ² S	50W
	190M4740	KSZ1-250A/1250VAC1KE/110aR100KA	250A	7750A ² S	46000A ² S	61500A ² S	60W
	190M4741	KSZ1-315A/1250VAC1KE/110aR100KA	315A	15000A ² S	90000A ² S	120000A ² S	65W
	190M4742	KSZ1-350A/1250VAC1KE/110aR100KA	350A	20000A ² S	125000A ² S	165000A ² S	70W
	190M4743	KSZ1-400A/1250VAC1KE/110aR100KA	400A	29500A ² S	175000A ² S	235000A ² S	75W
	190M4744	KSZ1-450A/1250VAC1KE/110aR100KA	450A	42000A ² S	250000A ² S	335000A ² S	80W
	190M4745	KSZ1-500A/1250VAC1KE/110aR100KA	500A	69500A ² S	340000A ² S	435000A ² S	85W
	190M4746	KSZ1-550A/1250VAC1KE/110aR100KA	550A	95000A ² S	465000A ² S	590000A ² S	95W
	190M4747	KSZ1-630A/1100VAC1KE/110aR100KA	†630A	130000A ² S	660000A ² S	750000A ² S	100W
2KE/110	190M5738	KSZ2-250A/1250VAC2KE/110aR100KA	250A	6500A ² S	38500A ² S	51500A ² S	65W
	190M5739	KSZ2-280A/1250VAC2KE/110aR100KA	280A	9350A ² S	55500A ² S	74500A ² S	70W
	190M5740	KSZ2-315A/1250VAC2KE/110aR100KA	315A	13000A ² S	77500A ² S	105000A ² S	75W
	190M5741	KSZ2-350A/1250VAC2KE/110aR100KA	350A	16500A ² S	97500A ² S	135000A ² S	80W
	190M5742	KSZ2-400A/1250VAC2KE/110aR100KA	400A	23000A ² S	140000A ² S	180000A ² S	85W
	190M5743	KSZ2-450A/1250VAC2KE/110aR100KA	450A	34000A ² S	205000A ² S	270000A ² S	90W
	190M5744	KSZ2-500A/1250VAC2KE/110aR100KA	500A	48000A ² S	285000A ² S	380000A ² S	95W
	190M5745	KSZ2-550A/1250VAC2KE/110aR100KA	550A	62000A ² S	370000A ² S	495000A ² S	100W
	190M5746	KSZ2-630A/1250VAC2KE/110aR100KA	630A	115000A ² S	575000A ² S	730000A ² S	110W
	190M5747	KSZ2-700A/1250VAC2KE/110aR100KA	700A	160000A ² S	795000A ² S	1050000A ² S	115W
	190M5748	KSZ2-800A/1250VAC2KE/110aR100KA	800A	245000A ² S	1200000A ² S	1550000A ² S	120W
	190M5749	KSZ2-900A/1100VAC2KE/110aR100KA	†900A	360000A ² S	1750000A ² S	1860000A ² S	125W
	190M5750	KSZ2-1000A/1100VAC2KE/110aR100KA	†1000A	480000A ² S	2350000A ² S	2560000A ² S	135W

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

Size 瓷管 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		3KE/110/Visual indicator 顶部指示	Ampere Rating(A)	Pre-arcing I ² t (KA²S)	Total I ² t @1000V(KA²S)	Total I ² t @1250V(KA²S)	Power P _n (W)
3KE/110	190M6738	KSZ3-315A/1250VAC3KE/110aR100KA	315A	9.5KA²S	58KA²S	77.5KA²S	85W
	190M6739	KSZ3-350A/1250VAC3KE/110aR100KA	350A	13.5KA²S	81.5KA²S	110KA²S	90W
	190M6740	KSZ3-400A/1250VAC3KE/110aR100KA	400A	19.5KA²S	120KA²S	160KA²S	95W
	190M6741	KSZ3-450A/1250VAC3KE/110aR100KA	450A	31KA²S	185KA²S	245KA²S	100W
	190M6742	KSZ3-500A/1250VAC3KE/110aR100KA	500A	39KA²S	235KA²S	310KA²S	105W
	190M6743	KSZ3-550A/1250VAC3KE/110aR100KA	550A	55KA²S	325KA²S	435KA²S	110W
	190M6744	KSZ3-630A/1250VAC3KE/110aR100KA	630A	83.5KA²S	495KA²S	665KA²S	115W
	190M6745	KSZ3-700A/1250VAC3KE/110aR100KA	700A	115KA²S	705KA²S	940KA²S	120W
	190M6746	KSZ3-800A/1250VAC3KE/110aR100KA	800A	205KA²S	995KA²S	1300KA²S	125W
	190M6747	KSZ3-900A/1250VAC3KE/110aR100KA	900A	305KA²S	1500KA²S	1900KA²S	130W
	190M6748	KSZ3-1000A/1250VAC3KE/110aR100KA	1000A	450KA²S	2150KA²S	2750KA²S	135W
	190M6749	KSZ3-1100A/1250VAC3KE/110aR100KA	1100A	575KA²S	2800KA²S	3600KA²S	140W
	190M6750	KSZ3-1250A/1100VAC3KE/110aR100KA	†1250A	810KA²S	3950KA²S	4250KA²S	145W
	190M6751	KSZ3-1400A/1100VAC3KE/110aR100KA	†1400A	1250KA²S	6000KA²S	6500KA²S	150W

†Rated voltage (IEC) 1100V.

Dimensions 安装尺寸图(mm):



size	A	B	C	D1	E	H	I
0KE/110	80	145	108	61	43	22	11
1KE/110	80	145	108	69	51	25	11
2KE/110	80	145	108	77	59	25	11
3KE/110	81	145	108	92	74	30	11

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

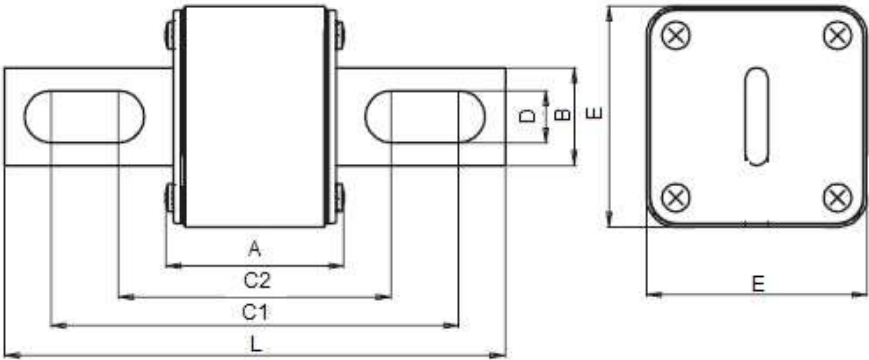
Size 瓷管 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		-FU/115 Without indicator 无指示	Ampere Rating(A)	Pre-arcing I ² t (A ² S)	Total I ² t @1000V(A ² S)	Total I ² t @1250V(A ² S)	Power P _n (W)
0FU/115	190M3688	KSM0-50A/1250VAC0FU/115aR100KA	50A	135A ² S	815A ² S	1100A ² S	15W
	190M3689	KSM0-63A/1250VAC0FU/115aR100KA	63A	215A ² S	1300A ² S	1750A ² S	20W
	190M3690	KSM0-80A/1250VAC0FU/115aR100KA	80A	420A ² S	2500A ² S	3350A ² S	25W
	190M3691	KSM0-100A/1250VAC0FU/115aR100KA	100A	750A ² S	4450A ² S	5950A ² S	30W
	190M3692	KSM0-125A/1250VAC0FU/115aR100KA	125A	1450A ² S	9000A ² S	11500A ² S	35W
	190M3693	KSM0-160A/1250VAC0FU/115aR100KA	160A	2600A ² S	16000A ² S	21000A ² S	40W
	190M3694	KSM0-200A/1250VAC0FU/115aR100KA	200A	5150A ² S	31000A ² S	41000A ² S	45W
	190M3695	KSM0-250A/1250VAC0FU/115aR100KA	250A	9200A ² S	54500A ² S	73000A ² S	55W
	190M3696	KSM0-315A/1250VAC0FU/115aR100KA	315A	18500A ² S	115000A ² S	150000A ² S	60W
	190M3697	KSM0-350A/1250VAC0FU/115aR100KA	350A	27000A ² S	165000A ² S	220000A ² S	65W
	190M3698	KSM0-400A/1250VAC0FU/115aR100KA	400A	53000A ² S	265000A ² S	335000A ² S	70W
1FU/115	190M4688	KSM1-160A/1250VAC1FU/115aR100KA	160A	1900A ² S	11500A ² S	15500A ² S	45W
	190M4689	KSM1-200A/1250VAC1FU/115aR100KA	200A	3800A ² S	22500A ² S	30000A ² S	50W
	190M4690	KSM1-250A/1250VAC1FU/115aR100KA	250A	7750A ² S	46000A ² S	61500A ² S	60W
	190M4691	KSM1-315A/1250VAC1FU/115aR100KA	315A	15000A ² S	90000A ² S	120000A ² S	65W
	190M4692	KSM1-350A/1250VAC1FU/115aR100KA	350A	20000A ² S	125000A ² S	165000A ² S	70W
	190M4693	KSM1-400A/1250VAC1FU/115aR100KA	400A	29500A ² S	175000A ² S	235000A ² S	75W
	190M4694	KSM1-450A/1250VAC1FU/115aR100KA	450A	42000A ² S	250000A ² S	335000A ² S	80W
	190M4695	KSM1-500A/1250VAC1FU/115aR100KA	500A	69500A ² S	340000A ² S	435000A ² S	85W
	190M4696	KSM1-550A/1250VAC1FU/115aR100KA	550A	95000A ² S	465000A ² S	590000A ² S	95W
	+190M4697	KSM1-630A/1100VAC1FU/115aR100KA	†630A	130000A ² S	660000A ² S	730000A ² S	100W
2FU/115	190M5688	KSM2-250A/1250VAC2FU/115aR100KA	250A	6500A ² S	38500A ² S	51500A ² S	65W
	190M5689	KSM2-280A/1250VAC2FU/115aR100KA	280A	9350A ² S	55500A ² S	74500A ² S	70W
	190M5690	KSM2-315A/1250VAC2FU/115aR100KA	315A	13000A ² S	77500A ² S	105000A ² S	75W
	190M5691	KSM2-350A/1250VAC2FU/115aR100KA	350A	16500A ² S	97500A ² S	135000A ² S	80W
	190M5692	KSM2-400A/1250VAC2FU/115aR100KA	400A	23000A ² S	140000A ² S	180000A ² S	85W
	190M5693	KSM2-450A/1250VAC2FU/115aR100KA	450A	34000A ² S	205000A ² S	270000A ² S	90W
	190M5694	KSM2-500A/1250VAC2FU/115aR100KA	500A	48000A ² S	285000A ² S	380000A ² S	95W
	190M5695	KSM2-550A/1250VAC2FU/115aR100KA	550A	62000A ² S	370000A ² S	495000A ² S	100W
	190M5696	KSM2-630A/1250VAC2FU/115aR100KA	630A	115000A ² S	575000A ² S	730000A ² S	110W
	190M5697	KSM2-700A/1250VAC2FU/115aR100KA	700A	160000A ² S	795000A ² S	1050000A ² S	115W
	190M5698	KSM2-800A/1250VAC2FU/115aR100KA	800A	245000A ² S	1200000A ² S	1550000A ² S	120W
	+190M5699	KSM2-900A/1100VAC2FU/115aR100KA	†900A	360000A ² S	1750000A ² S	1890000A ² S	125W
	+190M5700	KSM2-1000A/1100VAC2FU/115aR100KA	†1000A	480000A ² S	2350000A ² S	2560000A ² S	135W

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

Size 瓷管 代号	Catalog Numbers 订货号	Designation type型号规格	Electrical Characteristics 电气特性				
		-3FU/115 Without indicator无指示	Ampere Rating(A)	Pre-arcing I ² t (KA²S)	Total I ² t @1000V(KA²S)	Total I ² t @1250V(KA²S)	Power P _n (W)
3FU/115	190M6688	KSM3-315A/1250VAC3FU/115aR100KA	315A	9.5KA²S	58KA²S	77.5KA²S	85W
	190M6689	KSM3-350A/1250VAC3FU/115aR100KA	350A	13.5KA²S	81.5KA²S	110KA²S	90W
	190M6690	KSM3-400A/1250VAC3FU/115aR100KA	400A	19.5KA²S	120KA²S	160KA²S	95W
	190M6691	KSM3-450A/1250VAC3FU/115aR100KA	450A	31KA²S	185KA²S	245KA²S	100W
	190M6692	KSM3-500A/1250VAC3FU/115aR100KA	500A	39KA²S	235KA²S	310KA²S	105W
	190M6693	KSM3-550A/1250VAC3FU/115aR100KA	550A	55KA²S	325KA²S	435KA²S	110W
	190M6694	KSM3-630A/1250VAC3FU/115aR100KA	630A	83.5KA²S	495KA²S	665KA²S	115W
	190M6695	KSM3-700A/1250VAC3FU/115aR100KA	700A	115KA²S	705KA²S	940KA²S	120W
	190M6696	KSM3-800A/1250VAC3FU/115aR100KA	800A	205KA²S	995KA²S	1300KA²S	125W
	190M6697	KSM3-900A/1250VAC3FU/115aR100KA	900A	305KA²S	1500KA²S	1900KA²S	130W
	190M6698	KSM3-1000A/1250VAC3FU/115aR100KA	1000A	450KA²S	2150KA²S	2750KA²S	135W
	190M6699	KSM3-1100A/1250VAC3FU/115aR100KA	1100A	575KA²S	2800KA²S	3600KA²S	140W
	+190M6700	KSM3-1250A/1100VAC3FU/115aR100KA	†1250A	810KA²S	3950KA²S	4100KA²S	145W
	+190M6701	KSM3-1400A/1100VAC3FU/115aR100KA	†1400A	1250KA²S	6000KA²S	7300KA²S	150W

†Rated voltage (IEC) 1100V.

Dimensions 安装尺寸图(mm):



Designation type: -FU/115 Without indicator							
Size	A	B	C1	C2	D	E	L
0	74	20	130	101	10.5	43	156
1	74	25	127	102	10.5	51	160
2	74	25	127	102	12.5	60	160
3	74	39	128	101	12.5	75	159

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

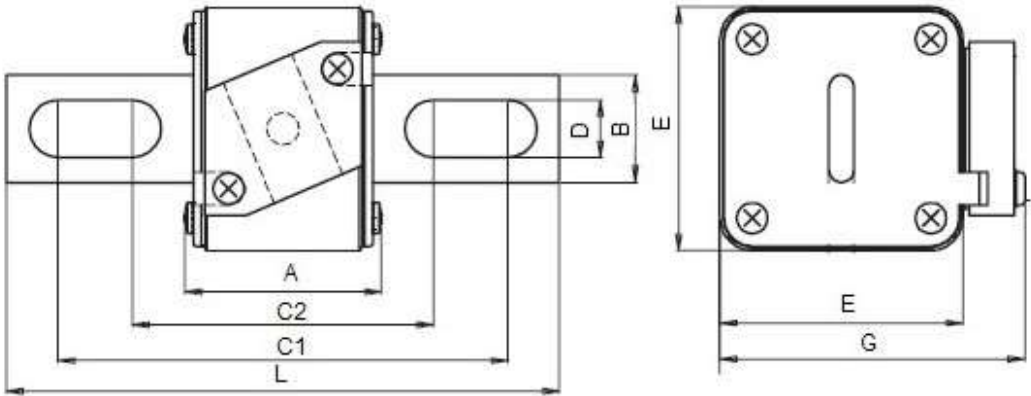
Size 瓷管 代号	Catalog Numbers 订货号	Designation type 型号规格	Electrical Characteristics 电气特性				
		-KIN/115 With indicator 中部微动指示	Ampere Rating(A)	Pre-arcing I ² t (A ² S)	Total I ² t @1000V(A ² S)	Total I ² t @1250V(A ² S)	Power P _n (W)
0KIN/115	190M3738	KSM0-50A/1250VAC0KIN/115aR100KA	50A	135A ² S	815A ² S	1100A ² S	15W
	190M3739	KSM0-63A/1250VAC0KIN/115aR100KA	63A	215A ² S	1300A ² S	1750A ² S	20W
	190M3740	KSM0-80A/1250VAC0KIN/115aR100KA	80A	420A ² S	2500A ² S	3350A ² S	25W
	190M3741	KSM0-100A/1250VAC0KIN/115aR100KA	100A	750A ² S	4450A ² S	5950A ² S	30W
	190M3742	KSM0-125A/1250VAC0KIN/115aR100KA	125A	1450A ² S	9000A ² S	11500A ² S	35W
	190M3743	KSM0-160A/1250VAC0KIN/115aR100KA	160A	2600A ² S	16000A ² S	21000A ² S	40W
	190M3744	KSM0-200A/1250VAC0KIN/115aR100KA	200A	5150A ² S	31000A ² S	41000A ² S	45W
	190M3745	KSM0-250A/1250VAC0KIN/115aR100KA	250A	9200A ² S	54500A ² S	73000A ² S	55W
	190M3746	KSM0-315A/1250VAC0KIN/115aR100KA	315A	18500A ² S	115000A ² S	150000A ² S	60W
	190M3747	KSM0-350A/1250VAC0KIN/115aR100KA	350A	27000A ² S	165000A ² S	220000A ² S	65W
	190M3748	KSM0-400A/1250VAC0KIN/115aR100KA	400A	53000A ² S	265000A ² S	335000A ² S	70W
1KIN/115	190M4738	KSM1-160A/1250VAC1KIN/115aR100KA	160A	1900A ² S	11500A ² S	15500A ² S	45W
	190M4739	KSM1-200A/1250VAC1KIN/115aR100KA	200A	3800A ² S	22500A ² S	30000A ² S	50W
	190M4740	KSM1-250A/1250VAC1KIN/115aR100KA	250A	7750A ² S	46000A ² S	61500A ² S	60W
	190M4741	KSM1-315A/1250VAC1KIN/115aR100KA	315A	15000A ² S	90000A ² S	120000A ² S	65W
	190M4742	KSM1-350A/1250VAC1KIN/115aR100KA	350A	20000A ² S	125000A ² S	165000A ² S	70W
	190M4743	KSM1-400A/1250VAC1KIN/115aR100KA	400A	29500A ² S	175000A ² S	235000A ² S	75W
	190M4744	KSM1-450A/1250VAC1KIN/115aR100KA	450A	42000A ² S	250000A ² S	335000A ² S	80W
	190M4745	KSM1-500A/1250VAC1KIN/115aR100KA	500A	69500A ² S	340000A ² S	435000A ² S	85W
	190M4746	KSM1-550A/1250VAC1KIN/115aR100KA	550A	95000A ² S	465000A ² S	590000A ² S	95W
	+190M4747	KSM1-630A/1100VAC1KIN/115aR100KA	†630A	130000A ² S	660000A ² S	730000A ² S	100W
2KIN/115	190M5738	KSM2-250A/1250VAC2KIN/115aR100KA	250A	6500A ² S	38500A ² S	51500A ² S	65W
	190M5739	KSM2-280A/1250VAC2KIN/115aR100KA	280A	9350A ² S	55500A ² S	74500A ² S	70W
	190M5740	KSM2-315A/1250VAC2KIN/115aR100KA	315A	13000A ² S	77500A ² S	105000A ² S	75W
	190M5741	KSM2-350A/1250VAC2KIN/115aR100KA	350A	16500A ² S	97500A ² S	135000A ² S	80W
	190M5742	KSM2-400A/1250VAC2KIN/115aR100KA	400A	23000A ² S	140000A ² S	180000A ² S	85W
	190M5743	KSM2-450A/1250VAC2KIN/115aR100KA	450A	34000A ² S	205000A ² S	270000A ² S	90W
	190M5744	KSM2-500A/1250VAC2KIN/115aR100KA	500A	48000A ² S	285000A ² S	380000A ² S	95W
	190M5745	KSM2-550A/1250VAC2KIN/115aR100KA	550A	62000A ² S	370000A ² S	495000A ² S	100W
	190M5746	KSM2-630A/1250VAC2KIN/115aR100KA	630A	115000A ² S	575000A ² S	730000A ² S	110W
	190M5747	KSM2-700A/1250VAC2KIN/115aR100KA	700A	160000A ² S	795000A ² S	1050000A ² S	115W
	190M5748	KSM2-800A/1250VAC2KIN/115aR100KA	800A	245000A ² S	1200000A ² S	1550000A ² S	120W
	+190M5749	KSM2-900A/1100VAC2KIN/115aR100KA	†900A	360000A ² S	1750000A ² S	1890000A ² S	125W
	+190M5750	KSM2-1000A/1100VAC2KIN/115aR100KA	†1000A	480000A ² S	2350000A ² S	2560000A ² S	135W

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

Size 瓷管 代号	Catalog Numbers 订货号	Designation type型号规格	Electrical Characteristics 电气特性				
		-3KIN/115 With indicator中部微动指示	Ampere Rating(A)	Pre-arcing I ² t (KA ² S)	Total I ² t @1000V(KA ² S)	Total I ² t @1250V(KA ² S)	Power P _n (W)
3KIN/115	190M6738	KSM3-315A/1250VAC3KIN/115aR100KA	315A	9.5KA ² S	58KA ² S	77.5KA ² S	85W
	190M6739	KSM3-350A/1250VAC3KIN/115aR100KA	350A	13.5KA ² S	81.5KA ² S	110KA ² S	90W
	190M6740	KSM3-400A/1250VAC3KIN/115aR100KA	400A	19.5KA ² S	120KA ² S	160KA ² S	95W
	190M6741	KSM3-450A/1250VAC3KIN/115aR100KA	450A	31KA ² S	185KA ² S	245KA ² S	100W
	190M6742	KSM3-500A/1250VAC3KIN/115aR100KA	500A	39KA ² S	235KA ² S	310KA ² S	105W
	190M6743	KSM3-550A/1250VAC3KIN/115aR100KA	550A	55KA ² S	325KA ² S	435KA ² S	110W
	190M6744	KSM3-630A/1250VAC3KIN/115aR100KA	630A	83.5KA ² S	495KA ² S	665KA ² S	115W
	190M6745	KSM3-700A/1250VAC3KIN/115aR100KA	700A	115KA ² S	705KA ² S	940KA ² S	120W
	190M6746	KSM3-800A/1250VAC3KIN/115aR100KA	800A	205KA ² S	995KA ² S	1300KA ² S	125W
	190M6747	KSM3-900A/1250VAC3KIN/115aR100KA	900A	305KA ² S	1500KA ² S	1900KA ² S	130W
	190M6748	KSM3-1000A/1250VAC3KIN/115aR100KA	1000A	450KA ² S	2150KA ² S	2750KA ² S	135W
	190M6749	KSM3-1100A/1250VAC3KIN/115aR100KA	1100A	575KA ² S	2800KA ² S	3600KA ² S	140W
	+190M6750	KSM3-1250A/1100VAC3KIN/115aR100KA	†1250A	810KA ² S	3950KA ² S	4100KA ² S	145W
	+190M6751	KSM3-1400A/1100VAC3KIN/115aR100KA	†1400A	1250KA ² S	6000KA ² S	7300KA ² S	150W

†Rated voltage (IEC) 1100V.

Dimensions 安装尺寸图(mm):



Size	Type : -FKE/115								
Size	A	B	C1	C2	D	E	F	G	L
0	74	20	130	101	10.5	43	6	58	156
1	74	25	127	102	10.5	51	6	66	160
2	74	25	127	102	12.5	60	6	75	160
3	74	39	128	101	12.5	75	6	91	159

Square body fuse links 方形熔断器

750VDC	50A~1600A	190M	P186~P187
850VDC-1250VAC	1400A	190M	P188
750VDC	63A~500A	190E	P189~P192
1200VDC	20A~215A	190M	P193
1200VDC	160A~420A	109F	P194~P196
2000VDC	20A~600A	190M	P197~P198
2000VDC	10A~80A	190E	P199
2000VDC	10A~125A	190E	P200~P203
2400VDC	100A~400A	190M	P204~P205
4000VDC	20A~125A	190E	P206
4000VDC	20A~450A	190E	P207~P211

Ferrule body fuse links 圆柱型熔断器

750VDC	5A~60A	KWK	P212
750VDC	30A~50A	KRC750	P213
1000VDC	2A~30A	KWS、KWL	P214~P215

Round body fuse links 圆型熔断器

750VDC	5A~60A	5KC36~60KT36	P216
750VDC	200A~400A	200RB~400RB	P217
900VDC	160A~1000A	SF75X160B~SF100X1000HP	P218
1500VDC	25A~200A	KCB25~KCB200	P219



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

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

Description 描述:

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

Tested breaking capacity分断能力:

0BKN/130:

85KA at 750VDC L/R 95ms

80KA at 950VDC L/R 40ms

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

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

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

Standards/approvals 执行标准:

IEC60269; GB1353.4

Typical application 典型应用:

Third rail 轨道牵引

Class of operation 类别:

aR size 0BKN/130

gR size 3BKN/130;

gR size 6BKN/130;

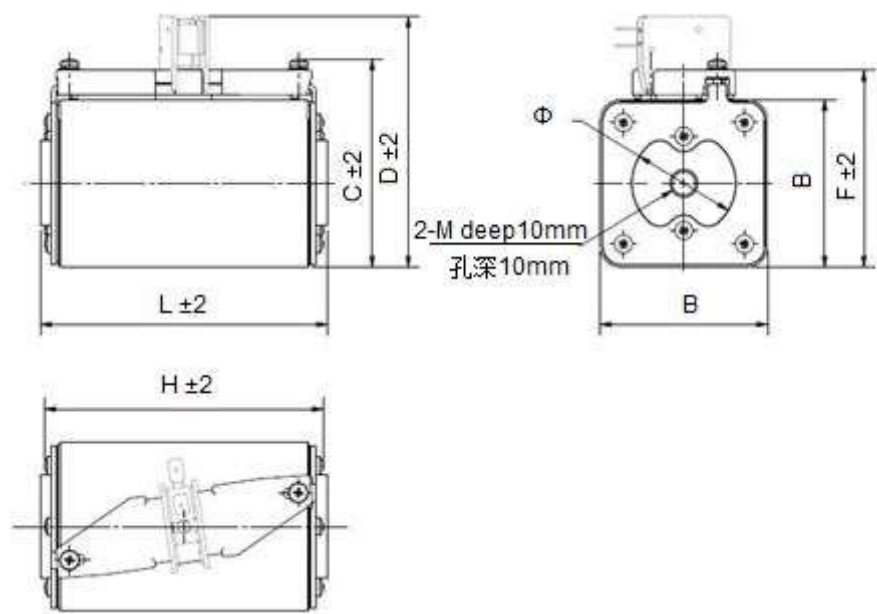
gR size 23BKN/148

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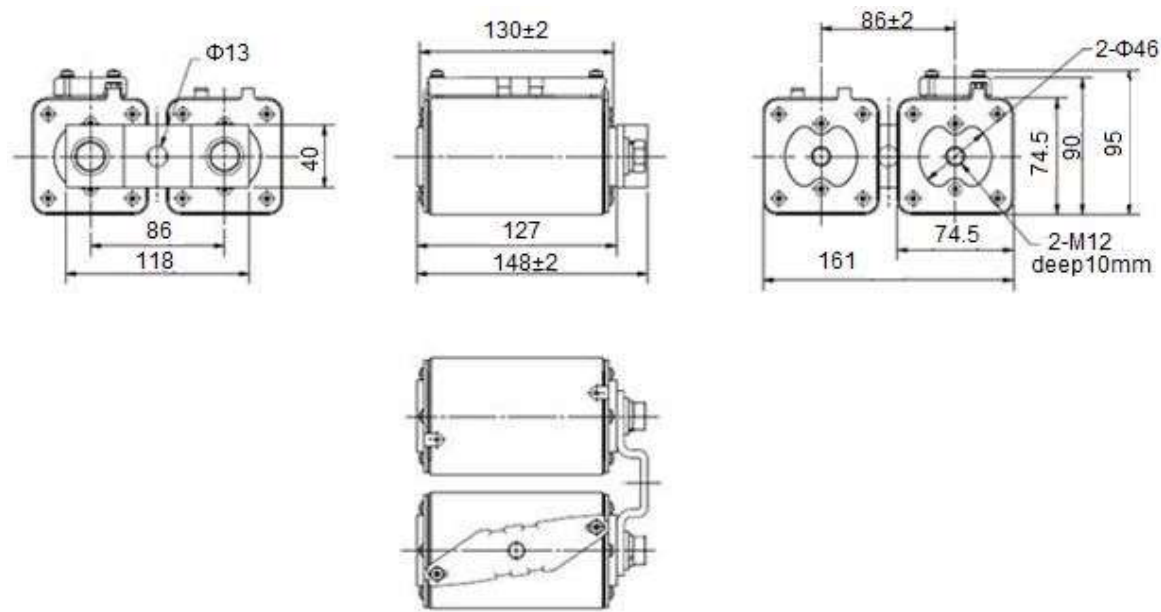
Main Characteristics技术参数 Voltage电压750VDC Current电流范围 from 50A to 1600 A

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



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

(23BKN/148) Dimensions(mm)安装尺寸示意图:



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

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

Description 描述:

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

Tested breaking capacity分断能力:

54BKN/107:

100KA at 1250VAC

80KA at 850VDC L/R 8ms

Rated Voltage:850VDC、1250VAC

Rated Current:1400A

Class of operation 类别:

aR size 54BKN/107

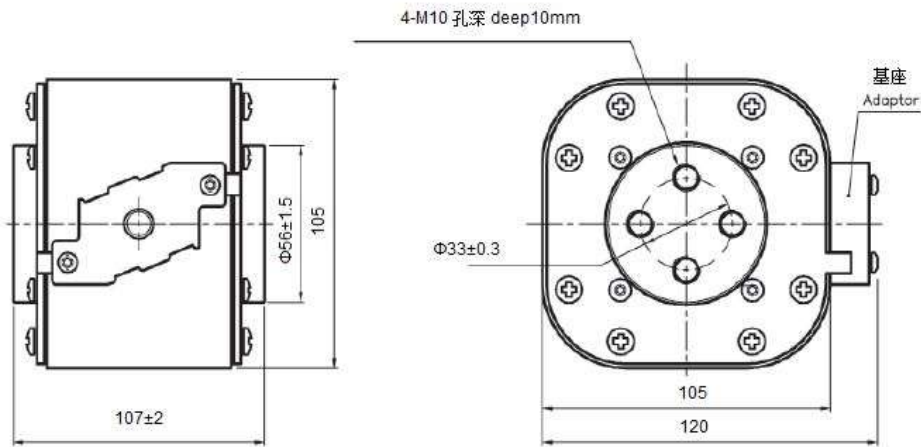
Standards/approvals 执行标准:

IEC60269; GB1353.4

Typical application 典型应用:

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

(54BKN/107) Dimensions(mm)安装尺寸示意图:



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

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

Description 描述:

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

Technical data技术数据:

Rated voltage电压 750V dc

Rated current电流50A~500A

Tested breaking capacity分断能力:

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

Class of operation 类别:

gR

Standards/approvals 执行标准:

IEC60269; GB1353.4

Typical application 典型应用:

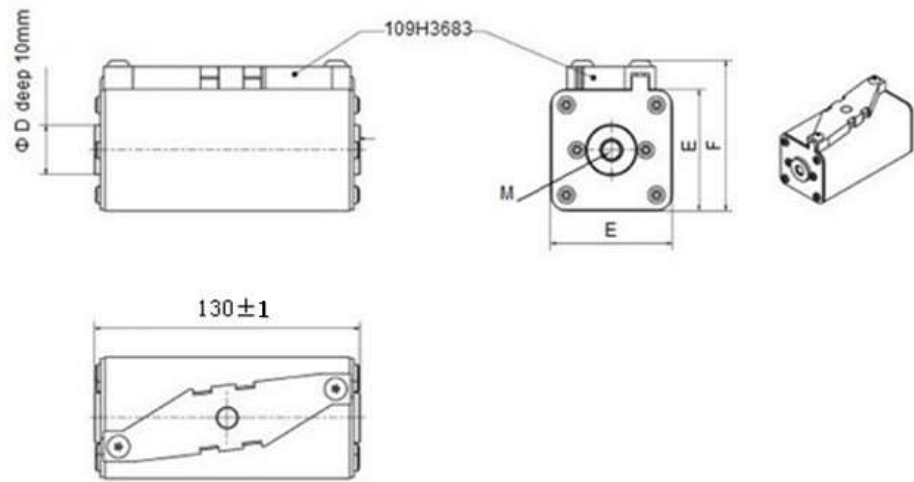
Third rail 轨道牵引

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

邮箱:kaiert@sina.com 189
手机: 13109528822
邮编: 710018

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

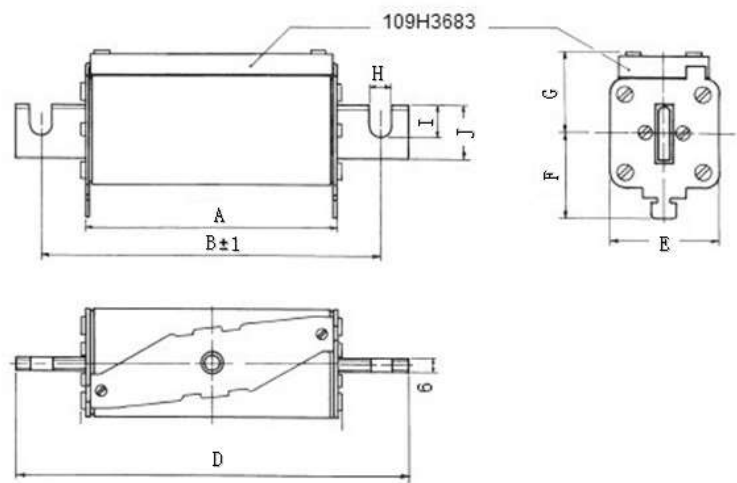
Dimensions(mm)安装尺寸示意图:(0BKN/130、1BKN/130、2BKN/130、3BKN/130)



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

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

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

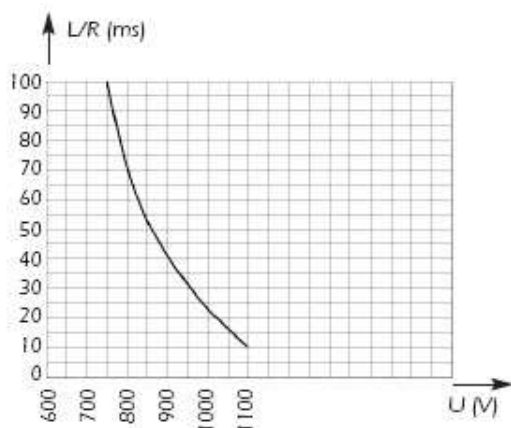


Type Number	安装尺寸Dimensions (mm)								
尺寸代码	A	B	D	E	F	G	H	I	J
0EKN/155	124	156	180	43	36	41	9	9	18
1EKN/165	124	166	191	51	37	41	11	14	25
2EKN/170	124	170	205	60	42	48	13	21	30
3EKN/170	125	170	206	75	51	56	13	20	36

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

Electrical characteristics 电气特性:

DC applications data



Above: Curve indicates maximum permissible value of time constant

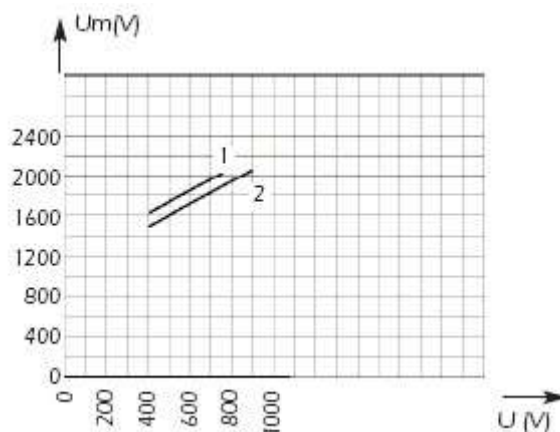
L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

1250 V with breaking capacity of 170 kA

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

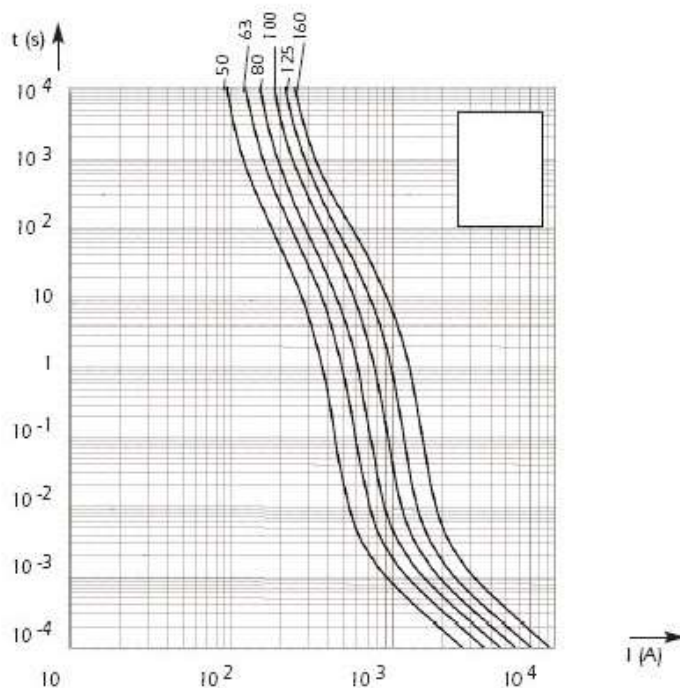
Peak arc voltage vs. working voltage



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

Above: Curves indicate for various time constants

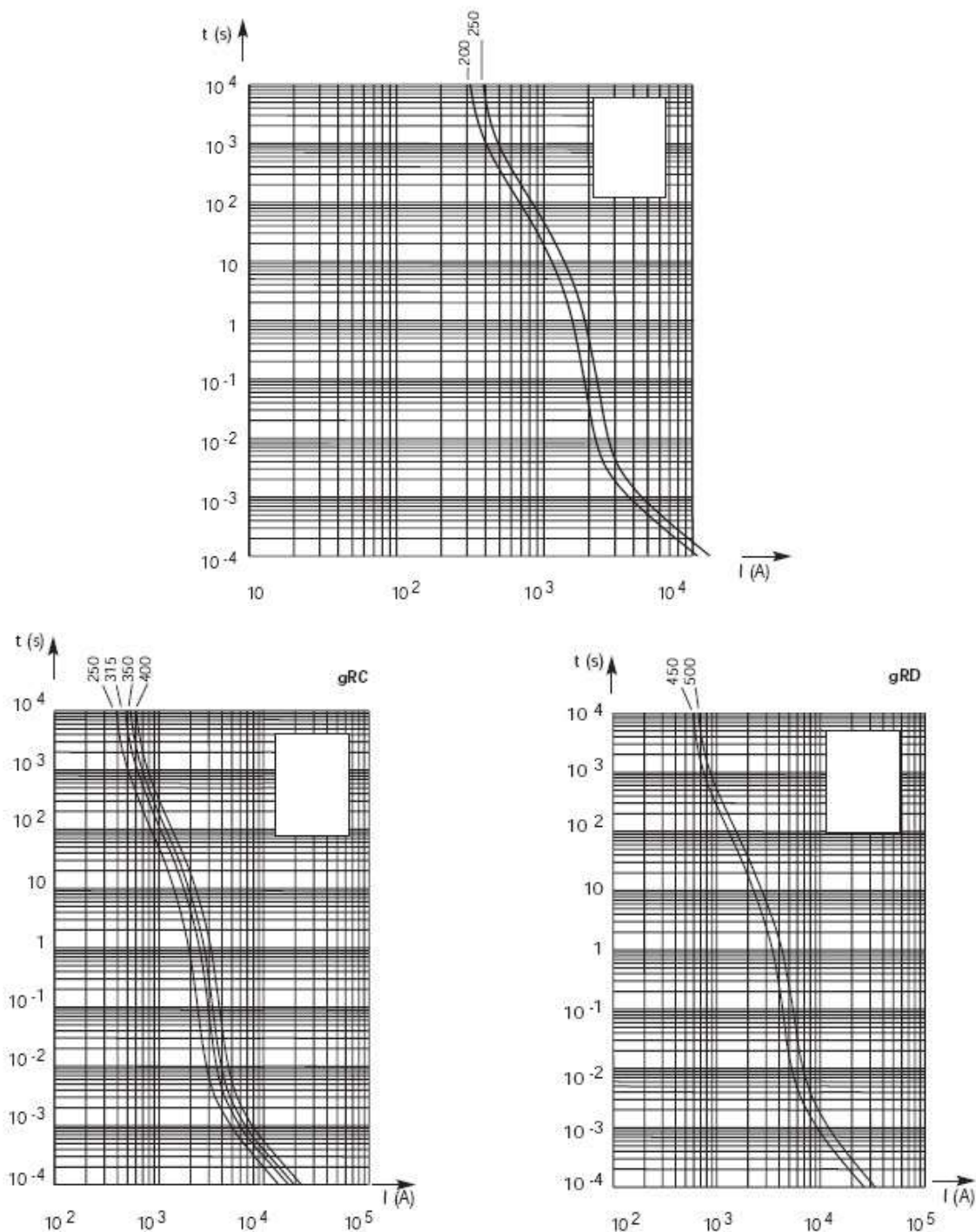
L/R the peak arc voltage, which may appear across fuse terminals, vs. DC working voltage



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

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

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



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

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

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

Description 描述:

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

Technical data技术数据:

Rated voltage电压 1200V dc

Rated current电流 20A~215A

Tested breaking capacity分断能力:

100KA at 1350VDC L/R 15ms

Class of operation 类别: aR

Feature and product benefit 产品特性:

Low watts loss 功耗低

High breaking capacity 高分断能力

Low arc voltage 电弧电压低

Typical application 典型应用:

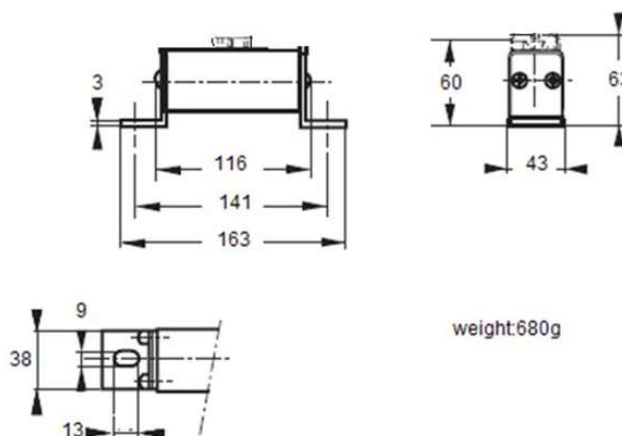
Protection of high speed circuit breaker回路短路快速保护。

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

Third rail converter轨道牵引变流器保护

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

Dimensions(mm)安装尺寸示意图:(OLKN/140)



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

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

Description 描述:

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

Technical date技术数据:

Rated voltage电压 1200V dc

Rated current电流 160A~420A

Tested breaking capacity分断能力:

100KA at 1000VDC L/R 45ms

100KA at 1200VDC L/R 15ms

Feature and product benefit 产品特性:

High breaking capacity 高分断能力

Low arc voltage 电弧电压低

Typical application 典型应用:

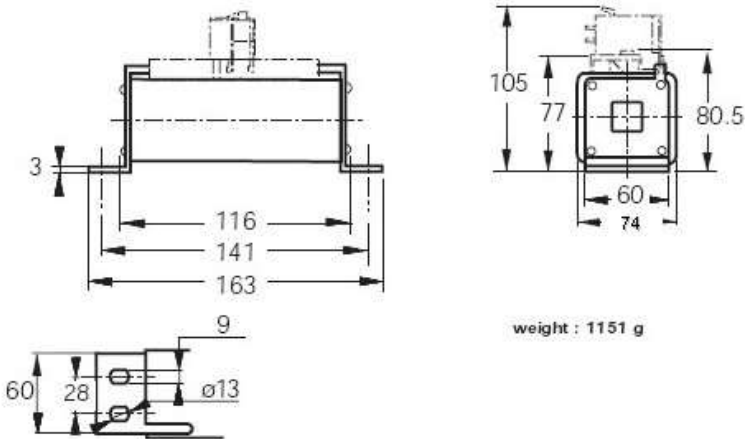
Auxiliary converter 辅助变流器

Third rail 轨道牵引

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

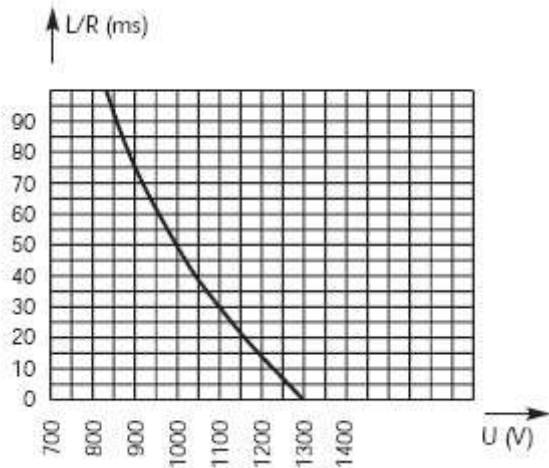
Class of operation 类别: aR

Dimensions(mm)安装尺寸示意图:(2LKN/140)



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

DC applications data 应用数据

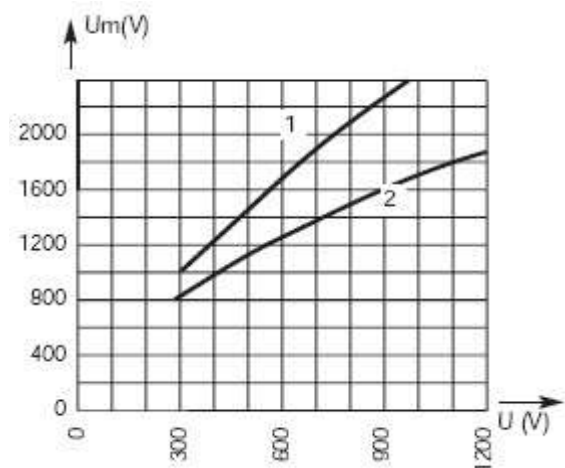


Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

900 V with breaking capacity of 100 kA

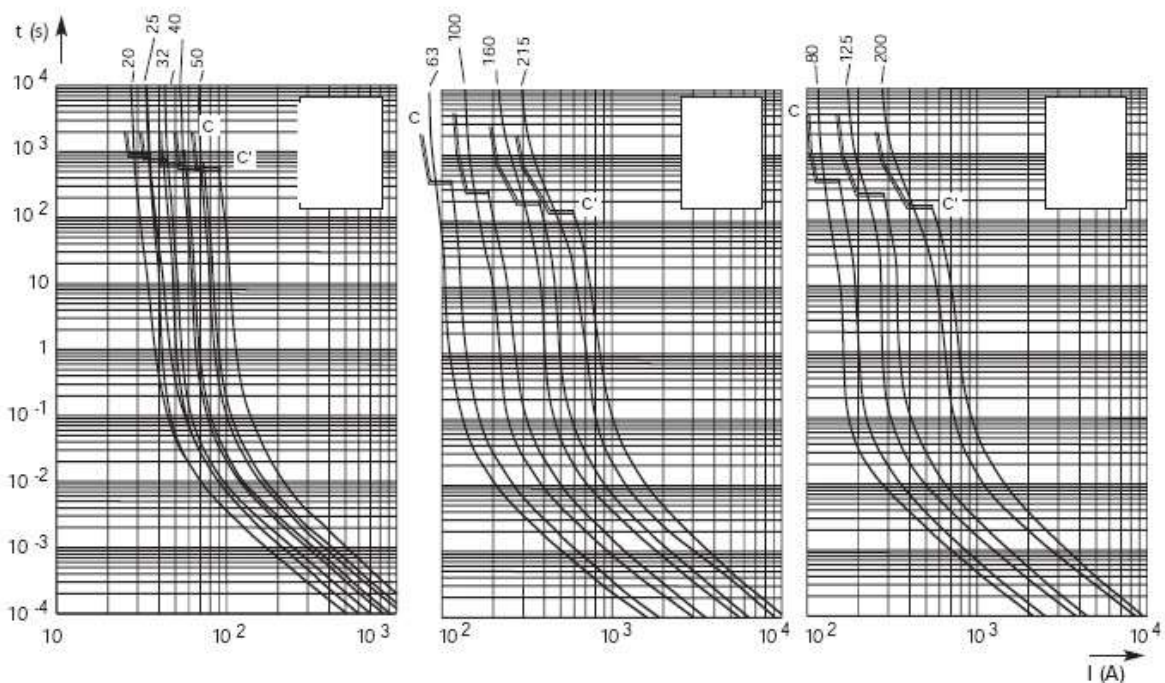
Peak arc voltage vs. working voltage



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

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

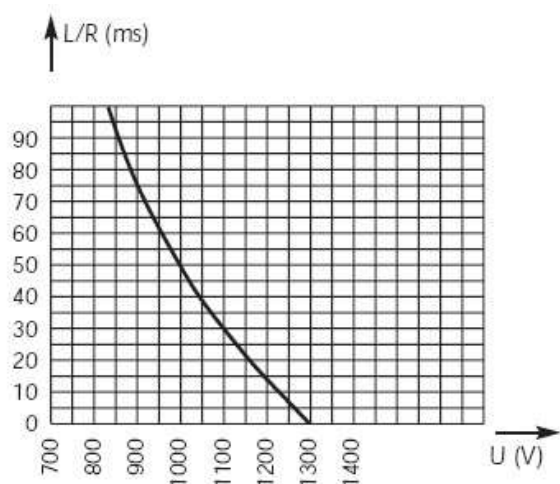
Time vs current characteristic 时间电流特性曲线:



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

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

DC applications data 应用数据

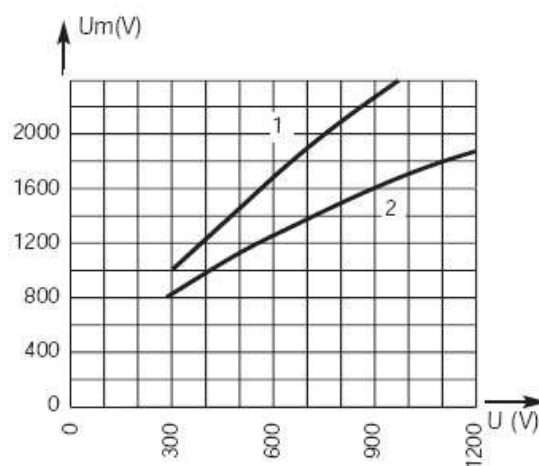


Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

900 V with breaking capacity of 100 kA

Peak arc voltage vs. working voltage

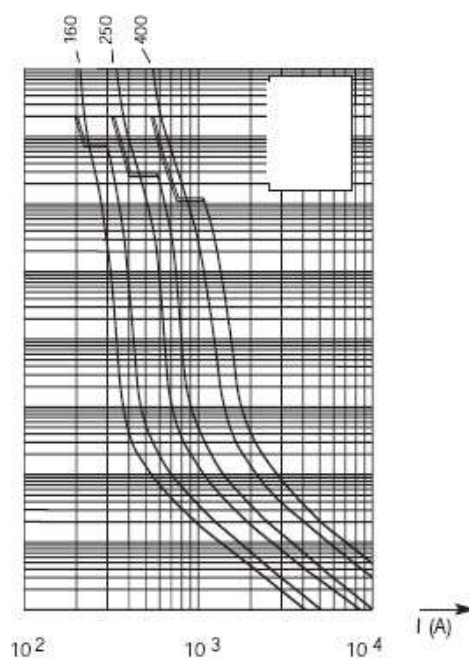
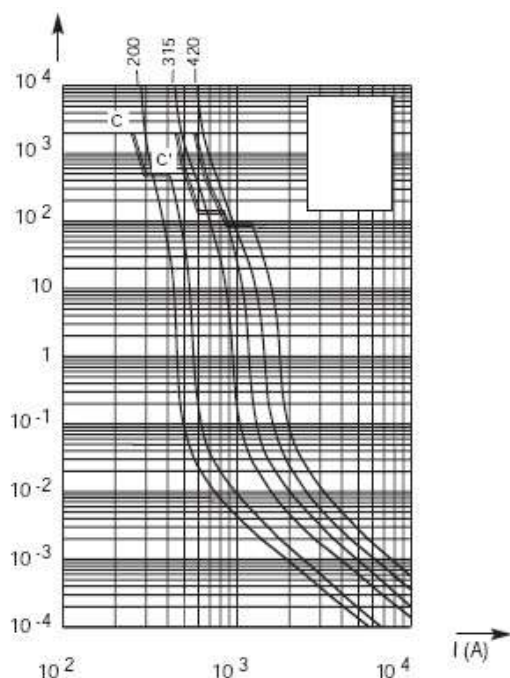


1 : $L/R = 45 \text{ ms}$ 2 : $L/R = 15 \text{ ms}$

Above: Curves indicate for various time constants

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

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



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

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

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

Description 描述:

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

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

Tested breaking capacity分断能力:

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

100KA at 1500VDC L/R< 30ms

Technical data技术数据:

Rated voltage电压 2000V dc

Rated current电流 20A~600A

Typical application 典型应用:

Converters protection 变频器.保护

Class of operation 类别: aR

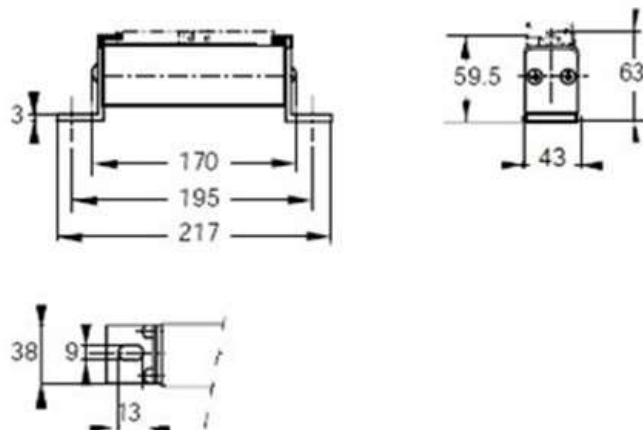


名称: 西安开尔泰电力电子制造有限公司 主页: <http://www.kaiertelectric.com>
 电话: 029-86319515、029-86214655、029-86113970 传真: 029-86629371
 地址: 西安市经济技术开发区高铁新城草滩三路 588 号 A5-3 QQ:645788944

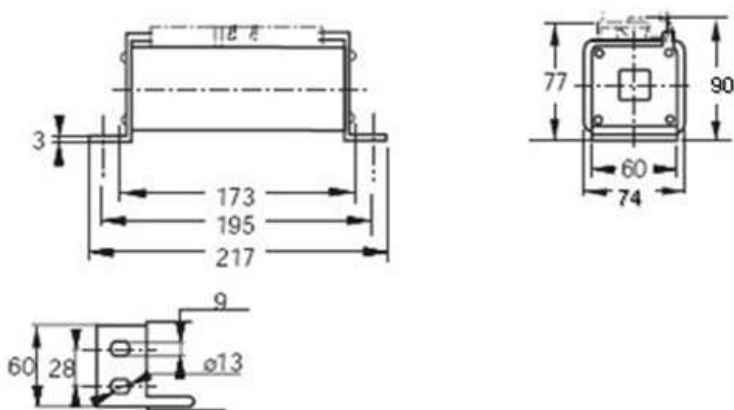
邮箱:kaiert@sina.com 197
 手机: 13109528822
 邮编: 710018

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

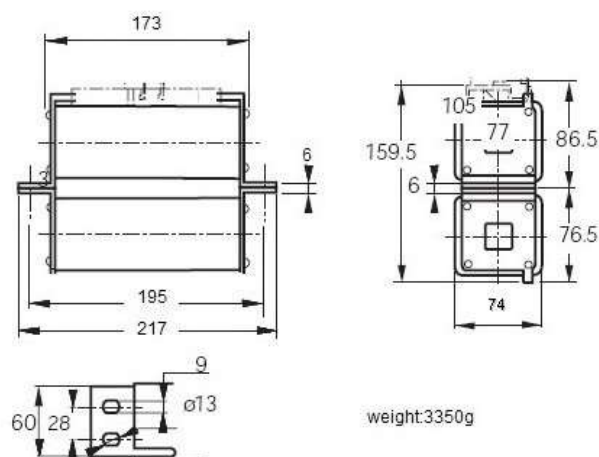
Dimensions(mm)安装尺寸示意图:(0LKN/195)



Dimensions(mm)安装尺寸示意图:(3LKN/195)



Dimensions(mm)安装尺寸示意图:(23LKN/195)



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

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

Description 描述:

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

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

Tested breaking capacity分断能力:

40KA at 2000VDC L/R 30ms

Technical date技术数据:

Rated voltage电压 2000V dc

Rated current电流 10A~80A

Typical application 典型应用:

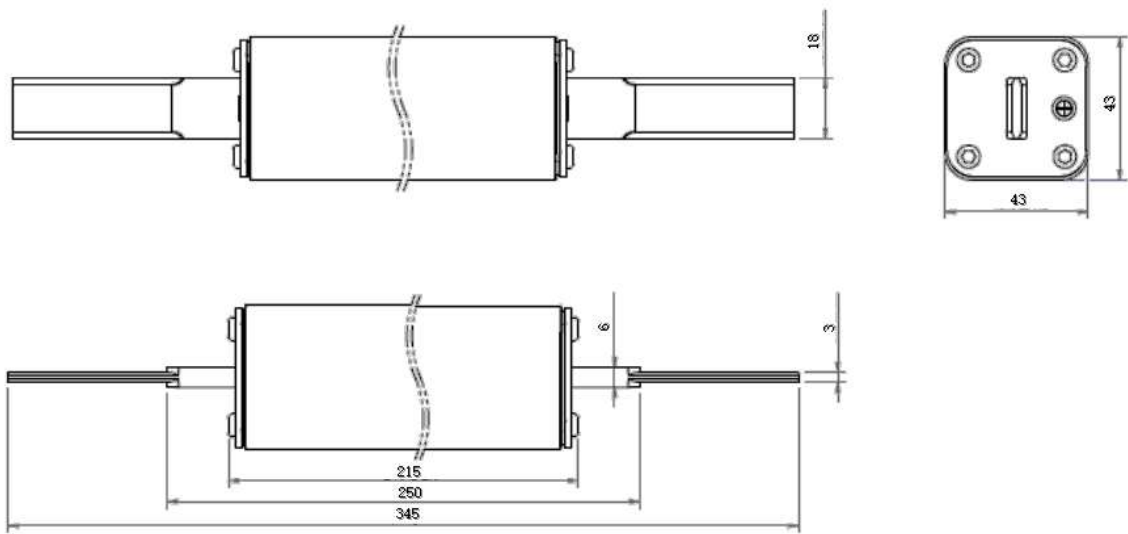
Auxiliary converter 辅助变流器

Power distribution converters 大功率变频器.

Lights 光源

Class of operation 类别: gR

Dimensions(mm)安装尺寸示意图:(DIN1-345)



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

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

Description 描述:

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

Standards/approvals 执行标准: IEC60269;

Tested breaking capacity分断能力:

40KA at 2000VDC L/R 30ms

Technical data技术数据:

Rated voltage电压 2000V dc

Rated current电流 10A~125A

Typical application 典型应用:

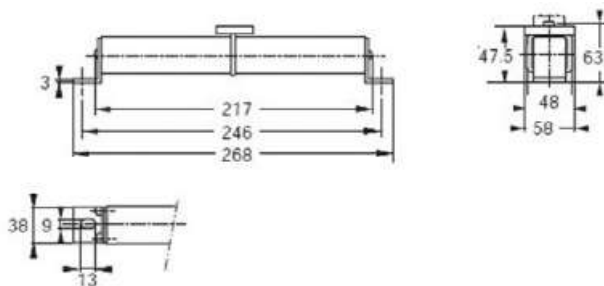
Auxiliary converter 辅助变流器

Power distribution converters

大功率变频器。

Lights 光源Class of operation 类别: aR/gR

Dimensions(mm)安装尺寸示意图:(1LKN/246)

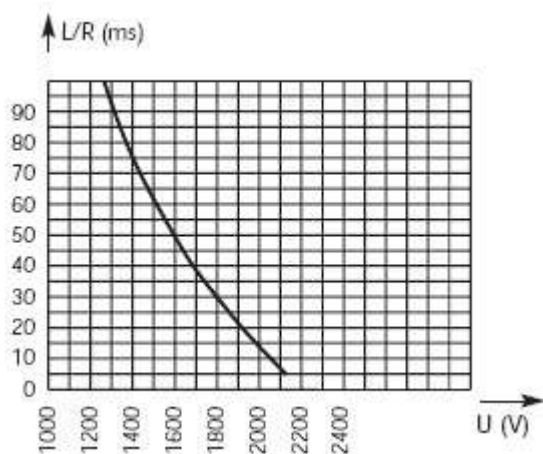


名称: 西安开尔泰电力电子制造有限公司 主页: <http://www.kaiertelectric.com>
 电话: 029-86319515、029-86214655、029-86113970 传真: 029-86629371
 地址: 西安市经济技术开发区高铁新城草滩三路 588 号 A5-3 QQ:645788944

邮箱:kaiert@sina.com 200
 手机: 13109528822
 邮编: 710018

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

DC applications data 直流应用数据



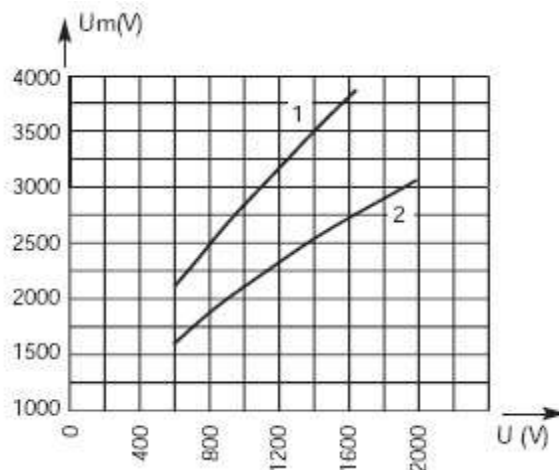
Above: Curve indicates maximum permissible value of time constant

L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

1500 V with breaking capacity of 100 kA

Peak arc voltage vs. working voltage

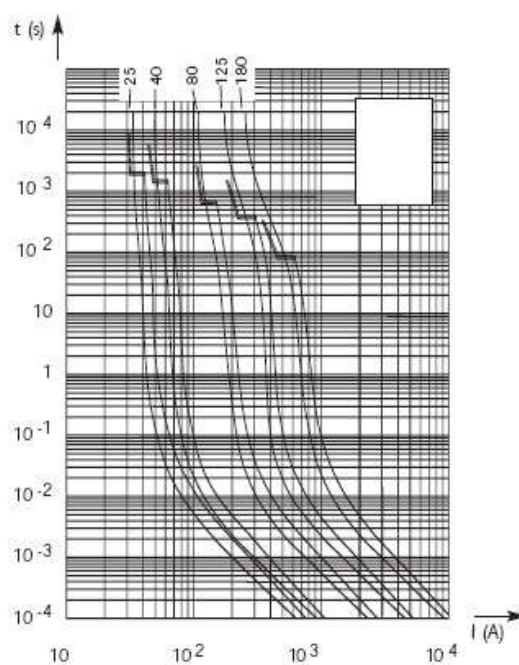
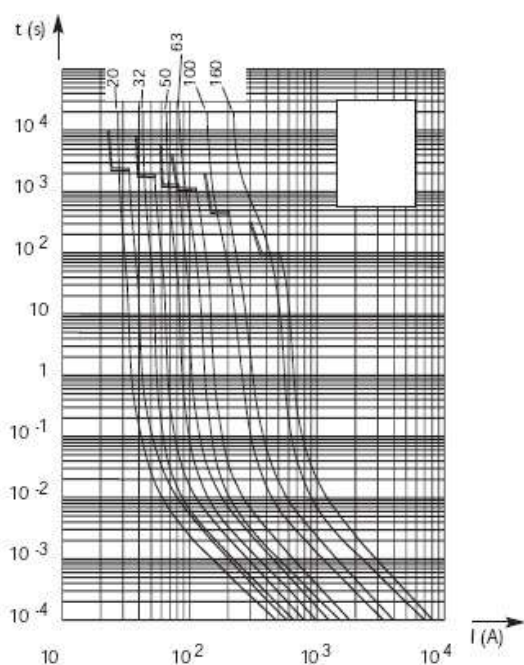


1 : L/R = 45 ms 2 : L/R = 15 ms

Above: Curves indicate for various time constants

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

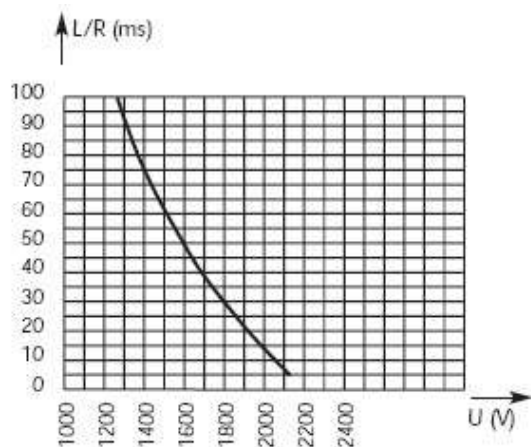
Time vs current characteristic 时间电流特性曲线:



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

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

DC applications data 直流应用数据



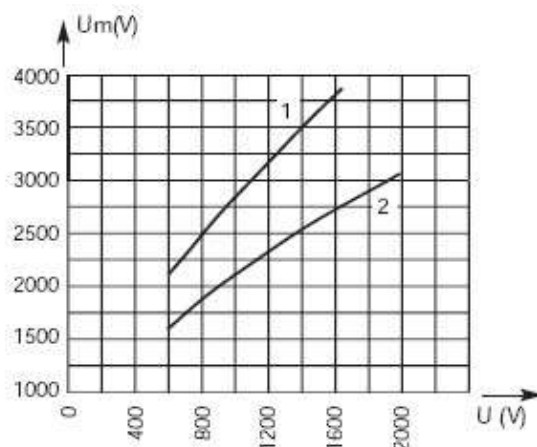
Above: Curve indicates maximum permissible value of time constant

L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

1500 V with breaking capacity of 100 kA

Peak arc voltage vs. working voltage

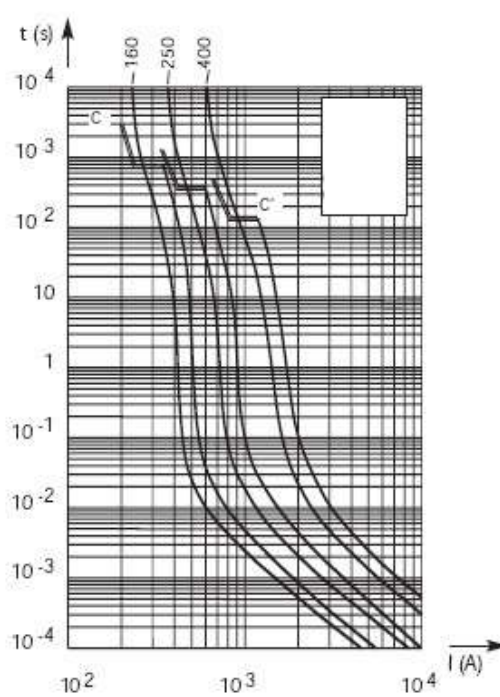
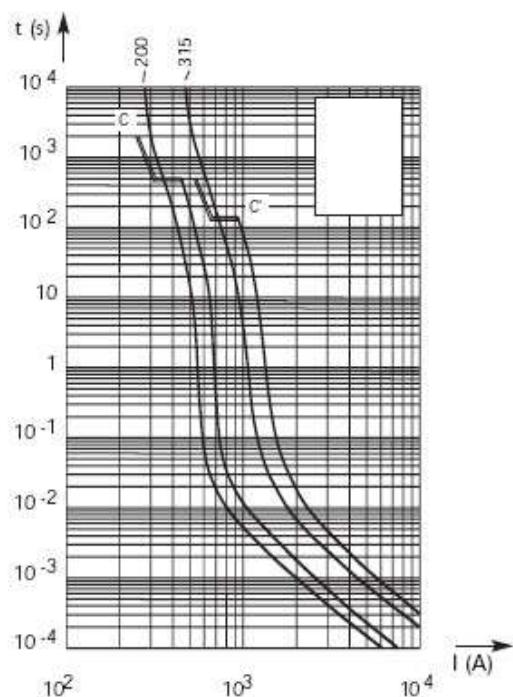


1 : L/R = 45 ms 2 : L/R = 15 ms

Above: Curves indicate for various time constants

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

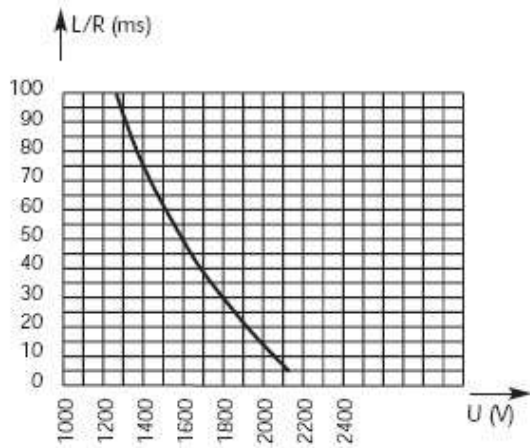
Time vs current characteristic 时间电流特性曲线:



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

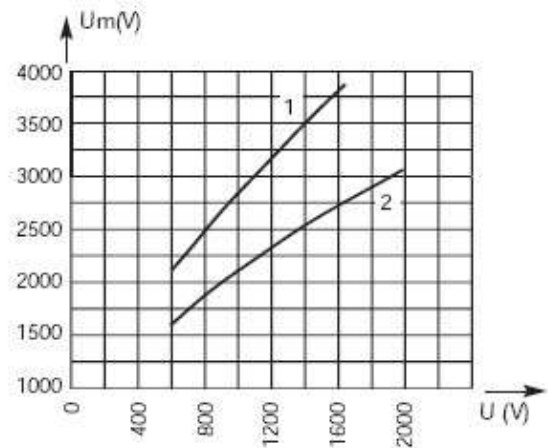
Main Characteristics Voltage电压1500V~2000VDC Current电流范围 from 20A to 600A

DC applications data



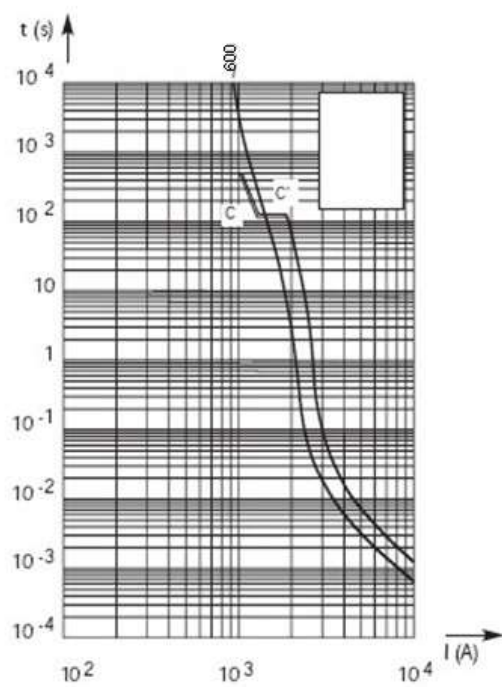
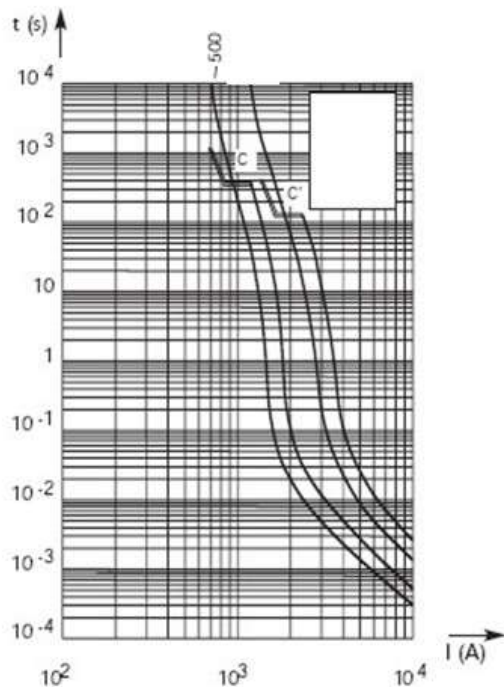
Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage
 Max. AC voltage (50/60 Hz):
 1500 V with breaking capacity of 100 kA

Peak arc voltage vs. working voltage



1 : $L/R = 45$ ms 2 : $L/R = 15$ ms
 Above: Curves indicate for various time constants L/R the peak arc voltage, which may appear across fuse terminals, vs. DC working voltage

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



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

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

Size 瓷管 代号	Catalog Numbers 订货号	Designation Type 型号规格	Ampere 电流 (A)	Voltage 电压 DC(V)	Class 类别	Watts Loss 功耗(W)		I ² t 熔断I ² t(A ² S)	
						0.8I _n	I _n	Pre-arcing I ² t (A ² S)	Total I ² t (A ² S)
3LKN/246 Double Slot Tag 双孔螺栓型	190M2090	RDF3-100A/2400VDC3LKN/246	100A	2400VDC	aR	20	39	5468	15457
	190M2091	RDF3-160A/2400VDC3LKN/246	160A	2400VDC	aR	43	84	16427	46439
	190M2092	RDF3-200A/2400VDC3LKN/246	200A	2400VDC	aR	53	97	25667	72561
	190M2093	RDF3-250A/2400VDC3LKN/246	250A	2400VDC	aR	60	103	36960	104488
	190M2094	RDF3-315A/2400VDC3LKN/246	315A	2400VDC	aR	82	162	66977	189346
	190M2095	RDF3-350A/2400VDC3LKN/246	350A	2400VDC	aR	89	175	87480	247309
	190M2096	RDF3-400A/2400VDC3LKN/246	400A	2400VDC	aR	103	203	110717	313000

Description 描述:

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

Standards/approvals 执行标准: IEC60269;

GB1353.4

Class of operation 类别: aR

Dimensions(mm)安装尺寸示意图:(3LKN/246)

Tested breaking capacity分断能力:

100KA at 2400VDC L/R< 15ms

100KA at 2000VDC L/R< 45ms

Technical data技术数据:

Rated voltage电压 2400V dc

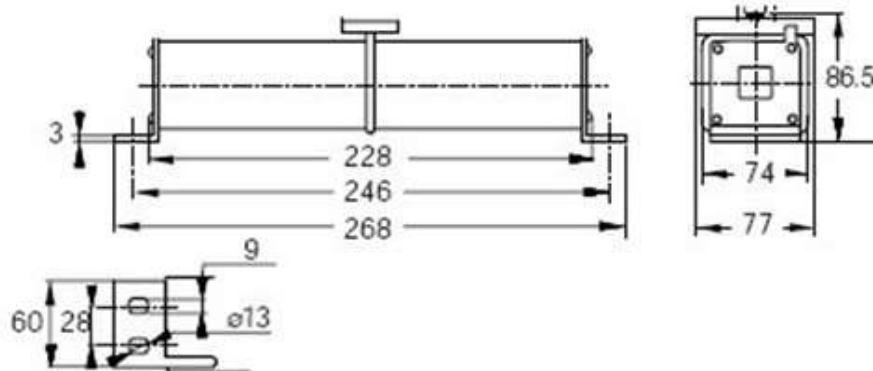
Rated current电流 100A~400A

Typical application 典型应用:

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

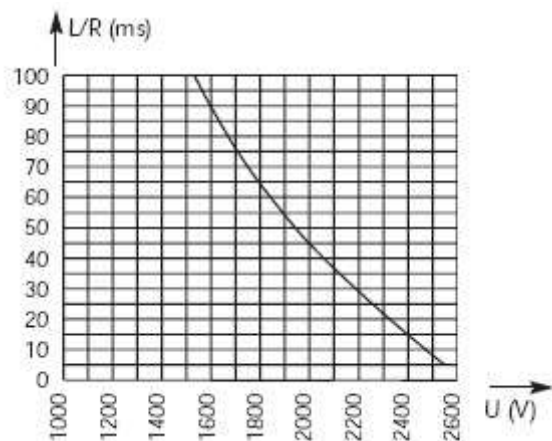
时间常数低、高故障回路快速保护。

Pantograph 受电弓保护



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

DC applications data 直流应用数据



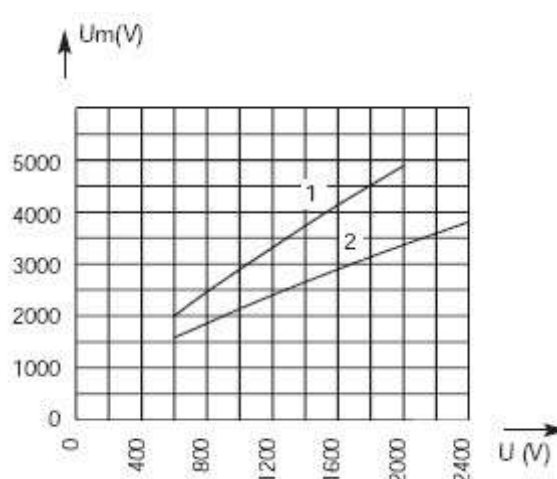
Above: Curve indicates maximum permissible value of time constant

L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

1500 V with breaking capacity of 100 kA

Peak arc voltage vs. working voltage

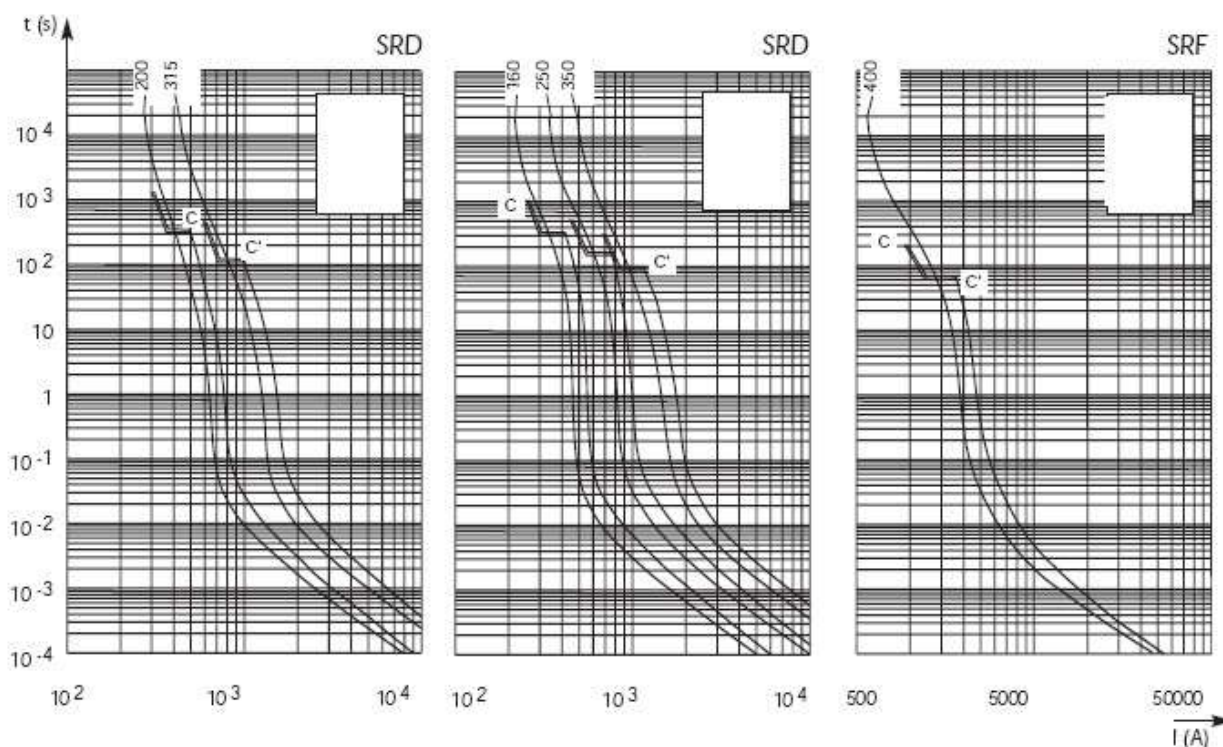


1 : L/R = 45 ms 2 : L/R = 15 ms

Above: Curves indicate for various time constants

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

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



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

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

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

Description 描述:

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

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

Tested breaking capacity分断能力:

50KA at 4000VDC L/R 10ms

Technical data技术数据:

Rated voltage电压 4000V dc

Rated current电流 10A~125A

Typical application 典型应用:

Auxiliary converter 辅助变流器

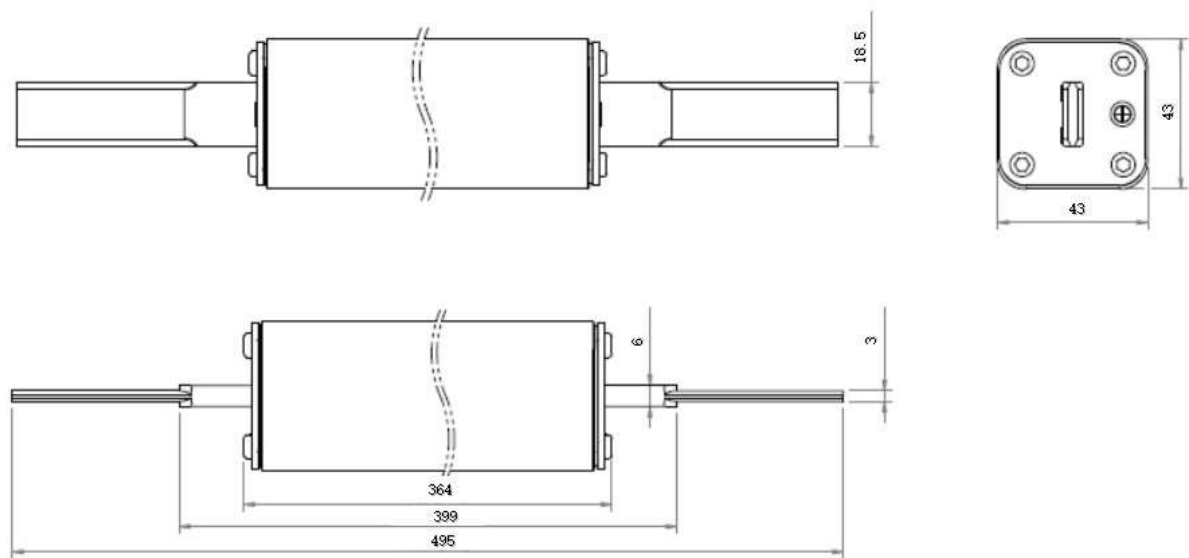
Power distribution converters

大功率变频器.

Lights 光源

Class of operation 类别: aR

Dimensions(mm)安装尺寸示意图:(DIN1-495)



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

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

Description 描述:

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

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

Tested breaking capacity分断能力:

60KA at 4000VDC L/R 25ms

Technical data技术数据:

Rated voltage电压 4000V dc

Rated current电流 20A~450A

Typical application 典型应用:

Auxiliary converter 辅助变流器

Power distribution converters

大功率变频器.

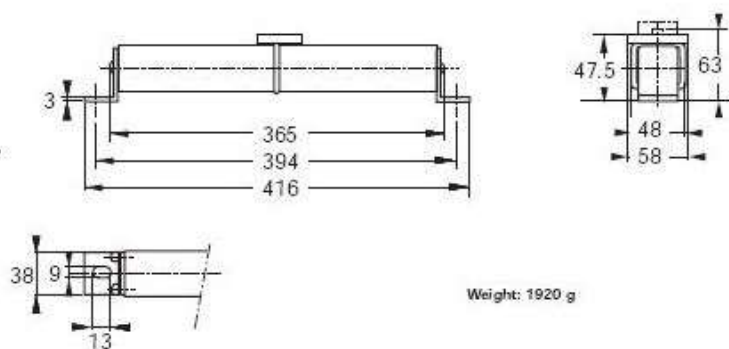
Lights 光源

Class of operation 类别: aR

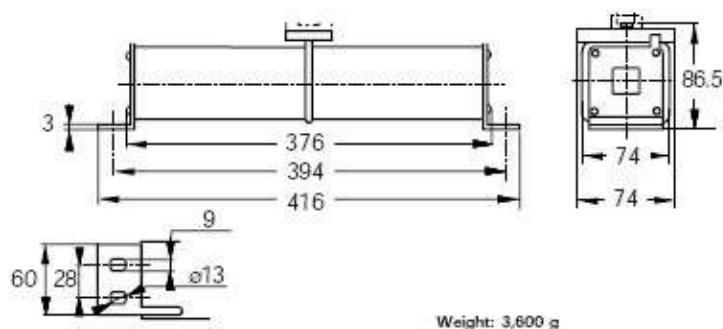


Main Characteristics 技术参数 Voltage 电压 4000VDC Current 电流范围 from 20A to 450A

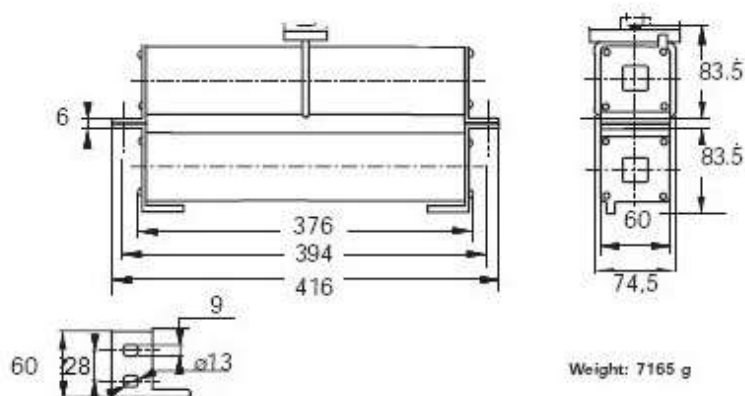
Dimensions(mm) 安装尺寸示意图: (0LKN/395)



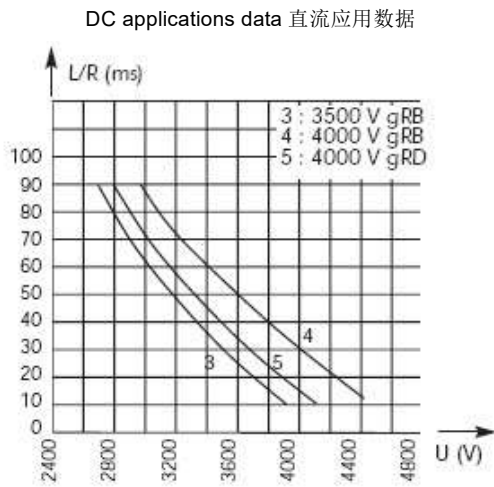
Dimensions(mm) 安装尺寸示意图: (3LKN/395)



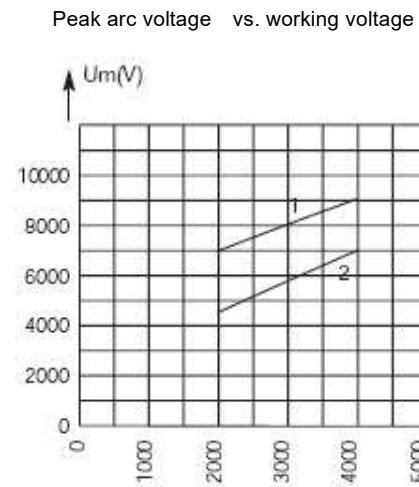
Dimensions(mm) 安装尺寸示意图: (23LKN/395)



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

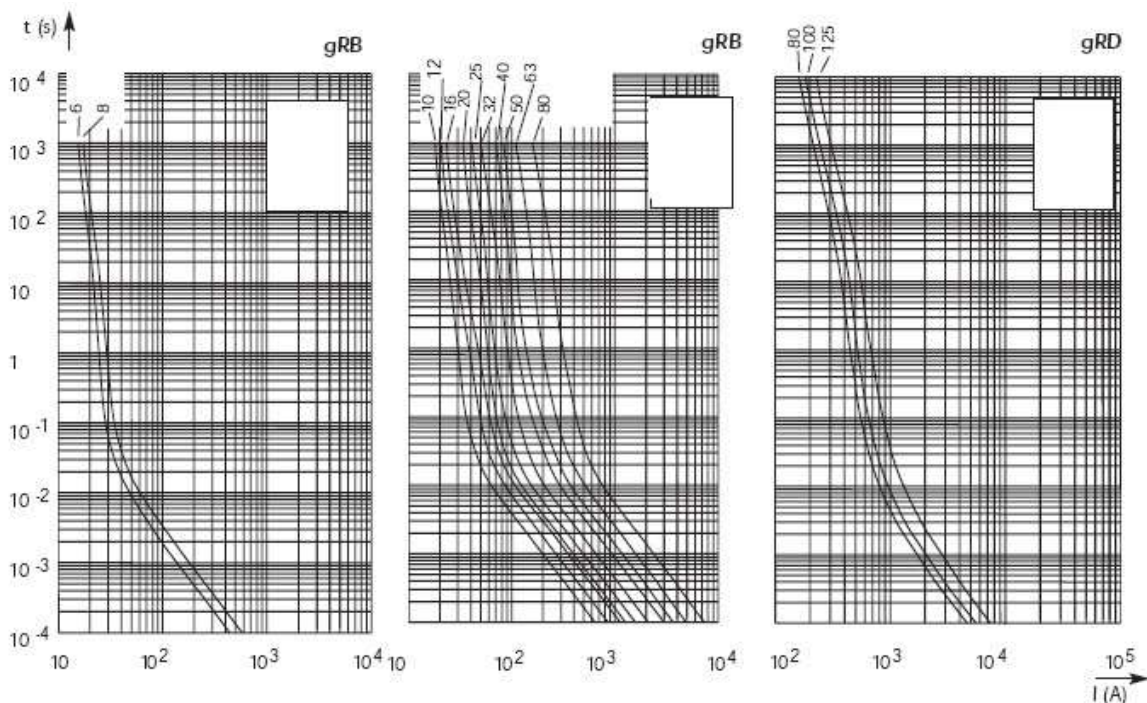


Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage
 Max. AC voltage (50/60 Hz):
 3600 V with breaking capacity of 30 kA



1、L/R = 30 ms-3500-4000 VgRB 2、L/R = 15 ms 4000 V gRD
 Above: Curves indicate for various time constants L/R the peak arc voltage, which may appear across fuse terminals, vs. DC working voltage

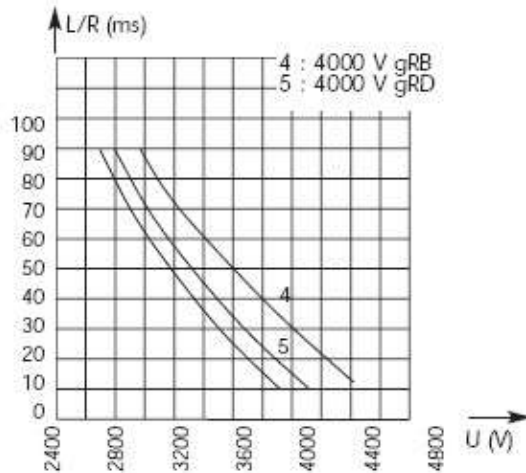
Time vs current characteristic 时间电流特性曲线:



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

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

DC applications data 直流应用数据

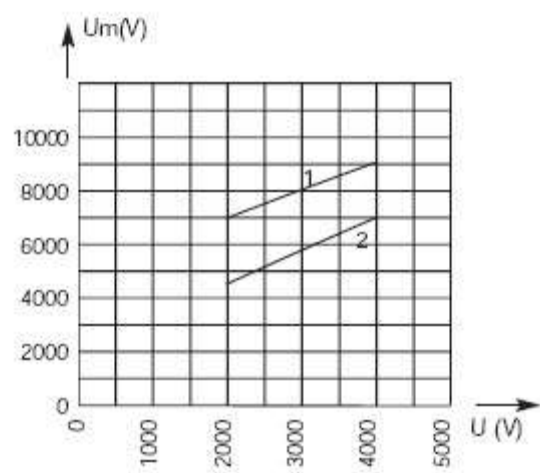


Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

3600 V with breaking capacity of 30 kA

Peak arc voltage vs. working voltage

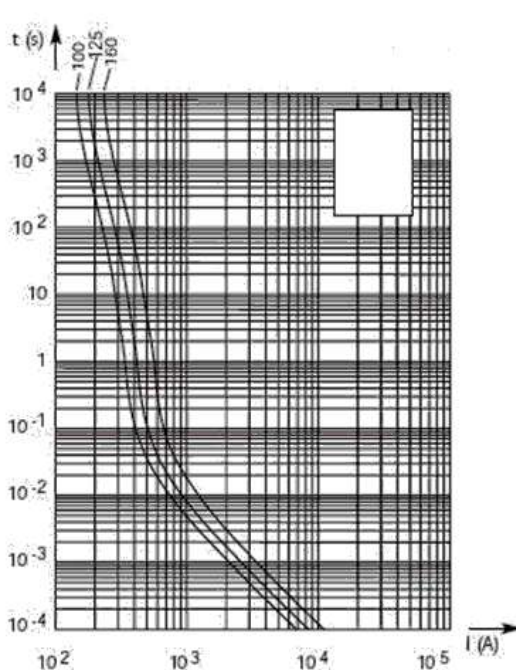


1、 $L/R = 30 \text{ ms}$ 4000 V gRB 2、 $L/R = 15 \text{ ms}$ 4000 V gRD

Above: Curves indicate for various time constants

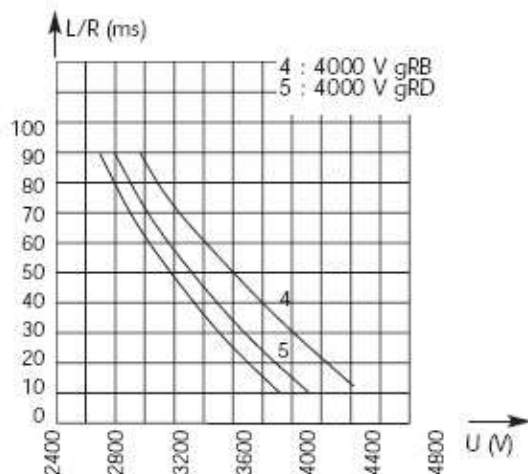
L/R the peak arc voltage, which may appear across fuse terminals, vs. DC working voltage

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



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

DC applications data 直流应用数据

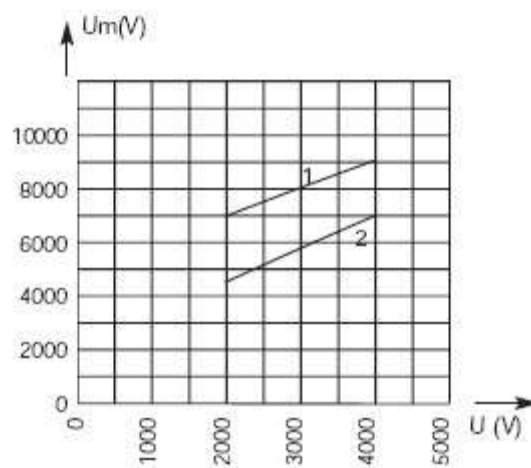


Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):

3600 V with breaking capacity of 30 kA

Peak arc voltage vs. working voltage

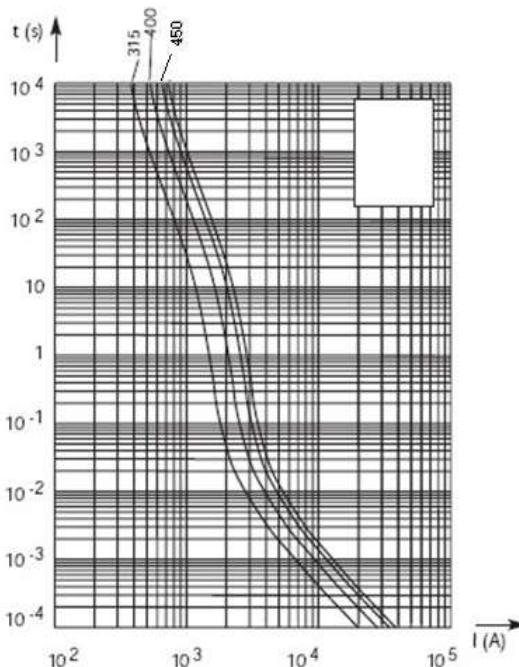
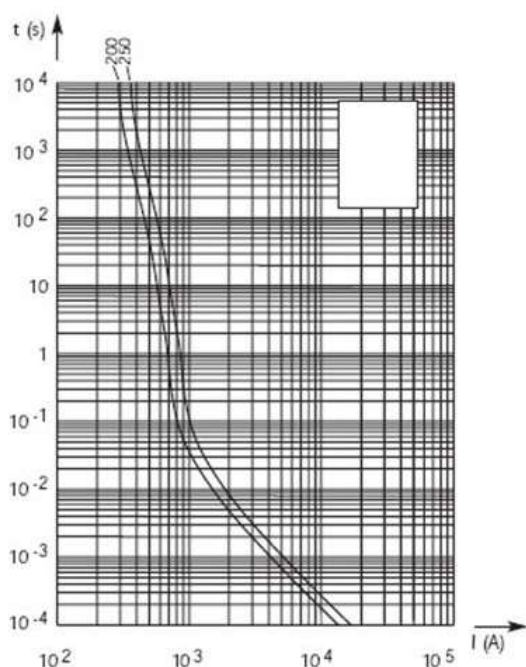


1、 $L/R = 30 \text{ ms}$ 4000 V gRB 2、 $L/R = 15 \text{ ms}$ 4000 V gRD

Above: Curves indicate for various time constants

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

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



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

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

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

Description 描述:

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

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

Tested breaking capacity分断能力:

50KA at 750VDC L/R10- 15ms

Technical data技术数据:

Rated voltage电压 750V dc

Rated current电流 5A~30A (20*127mm)

Rated current电流 35A~60A (25*146mm)

Typical application 典型应用:

Auxiliary power and distribution

辅助电源配电

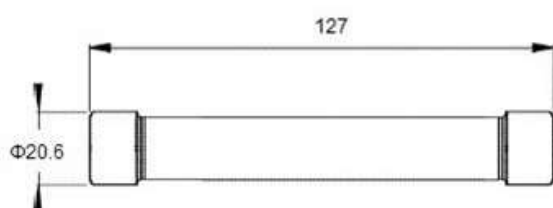
Heating Ventilation Air Conditioning

采暖通风空调

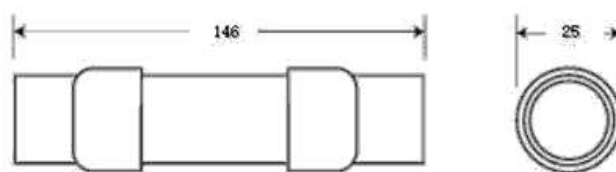
Instrumentation and control 仪器调试

Class of operation 类别: gG

Dimensions(mm)安装尺寸示意图



20*127mm安装示意图



25*146mm安装示意图

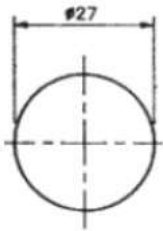
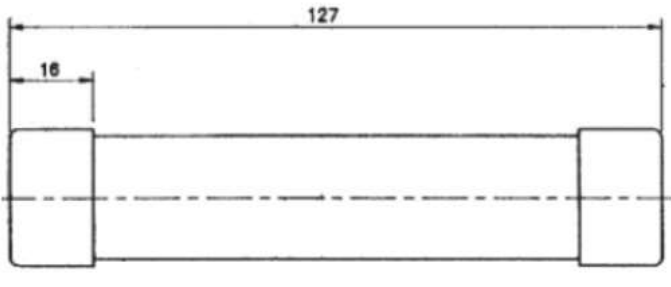


Main Characteristics主要技术参数 750VDC 电流范围 from 30A to 50A Class类别: gR

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

Description 描述: A rang of ferrule high speed fuse links for light rail application in auxiliary power and distribution equipment.用于辅助电源配电设备高速保护。 Standards/approvals 执行标准: IEC60269; GB1353.4	Tested breaking capacity分断能力: 50KA at 750VDC L/R15-20ms Technical date技术数据: Rated voltage电压 750V dc Rated current电流 50A~50A (27*127mm) Class of operation 类别: gR	Typical application 典型应用: Auxiliary power and distribution 辅助电源配电 Heating Ventilation Air Conditioning 采暖通风空调 Instrumentation and control 仪器调试
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Dimensions(mm)安装尺寸示意图



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

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

Description 描述:

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

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

Tested breaking capacity分断能力:

50KA at 1000VDC L/R15ms

Technical data技术数据:

Rated voltage电压 1000V dc

Rated current电流 2A~30A (20*127mm)

Class of operation 类别: gG

Typical application 典型应用:

Auxiliary power and distribution

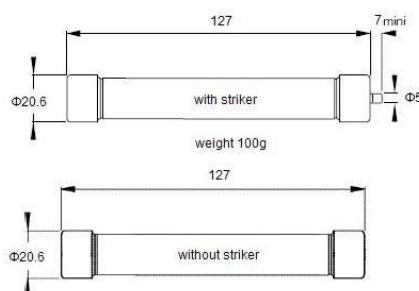
辅助电源配电

Heating Ventilation Air Conditioning

采暖通风空调

Instrumentation and control 仪器调试

Dimensions(mm)安装尺寸示意图

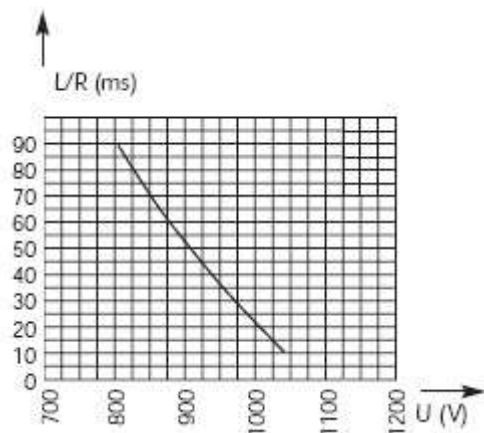


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 电话: 029-86319515、029-86214655、029-86113970 传真: 029-86629371
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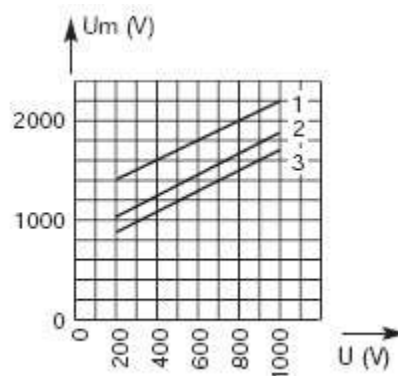
Main Characteristics 主要技术参数 1000VDC 电流范围 from 2A to 30A Class类别: gG

DC applications data 直流电压和时间常数曲线:

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

1500 V with breaking capacity of 100 kA

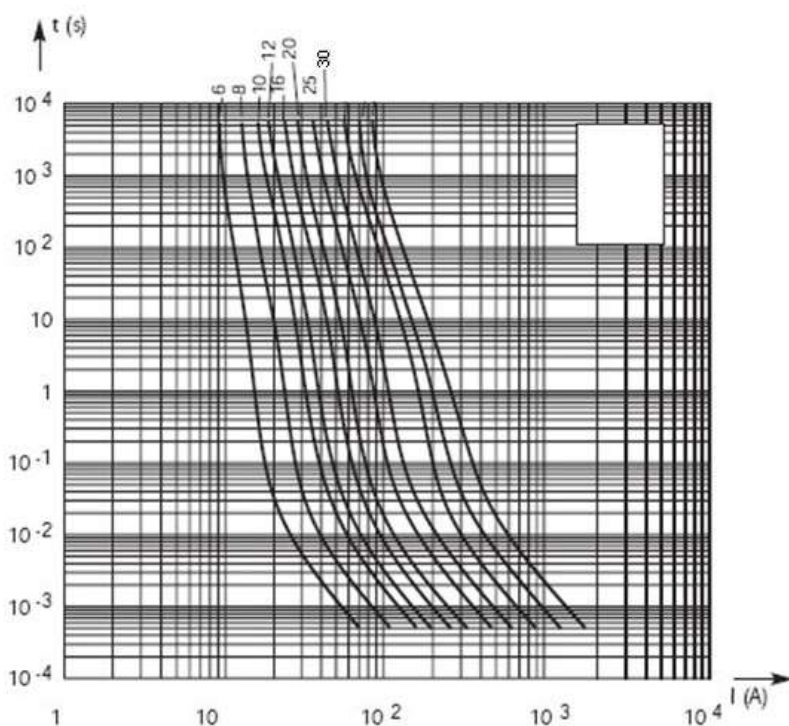
Peak arc voltage vs. working voltage 电弧电压和额定电压曲线



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

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

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



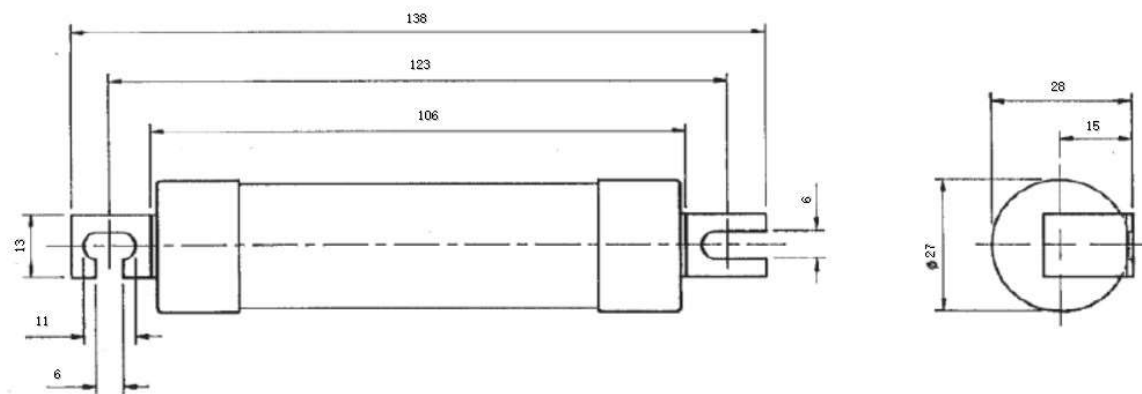
Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

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

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

Description 描述: A rang of ferrule high speed fuse links for light rail application in auxiliary power and distribution equipment.用于辅助电源配电设备高速保护。 Standards/approvals 执行标准: IEC60269; GB1353.4	Tested breaking capacity分断能力: 50KA at 750VDC L/R=15~20ms Technical date技术数据: Rated voltage电压 750V dc Rated current电流 5A~60A (27*100mm) Class of operation 类别: gR	Typical application 典型应用: Auxiliary power and distribution 辅助电源配电 Heating Ventilation Air Conditioning 采暖通风空调 Instrumentation and control 仪器调试
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Dimensions(mm)安装尺寸示意图:



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

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

Description 描述:

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

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

Tested breaking capacity分断能力:

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

Technical date技术数据:

Rated voltage电压 750V dc

Rated current电流 200A~400A

Class of operation 类别: gG

Typical application 典型应用:

Auxiliary power and distribution

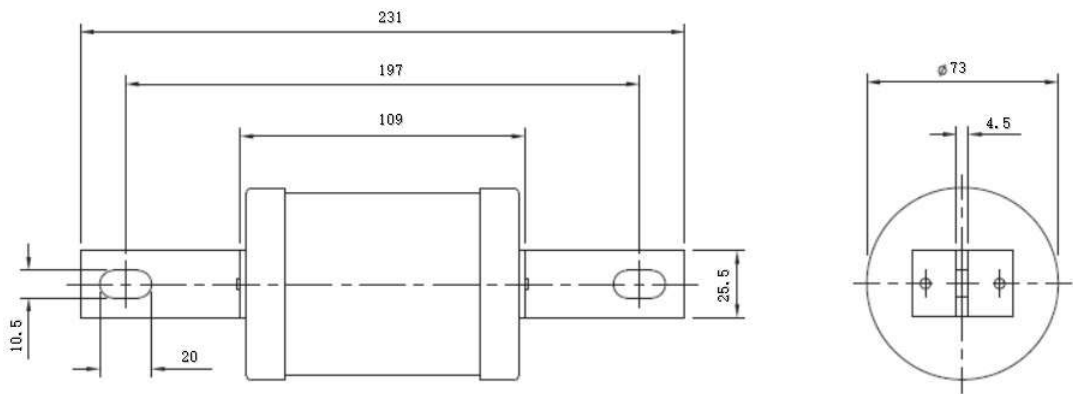
辅助电源配电

Heating Ventilation Air Conditioning

采暖通风空调

Instrumentation and control 仪器调试

Dimensions(mm)安装尺寸示意图:



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

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

Description 描述:

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

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

Tested breaking capacity分断能力:

80KA at 900VDC L/R=80ms

Technical data技术数据:

Rated voltage电压 900V dc

Rated current电流 160A~1000A

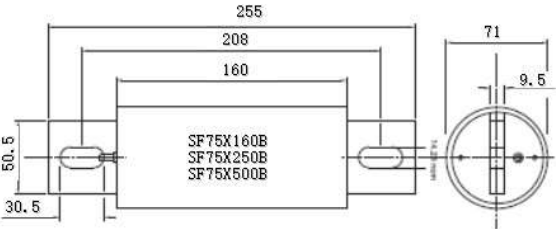
Typical application 典型应用:

Auxiliary feed 辅助电路回路保护

Main electrical feed 主电路回路保护

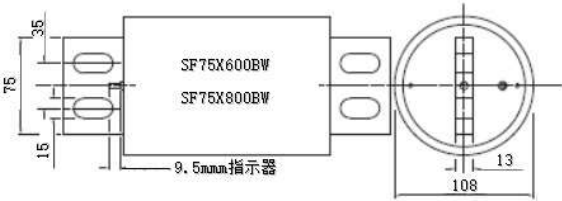
Class of operation 类别: aR/gR

Dimensions(mm)安装尺寸示意图:



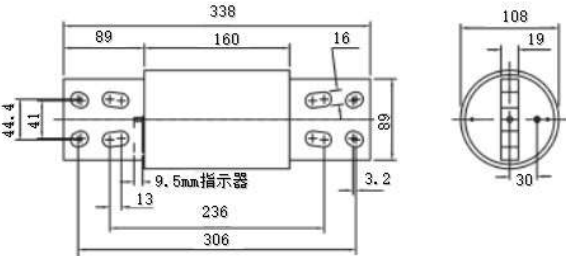
母线单孔连接

Blade contact: SF75X160B, SF75X250B, SF75X500B



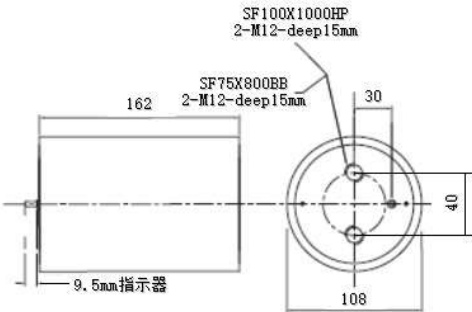
母线双孔连接

Blade contact: SF75X600BW and SF75X800BW



Blade contact: SF100X1000

母线四孔连接



Flush end: SF75X800BB and SF100X1000HP

平板双孔连接

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

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

Description 描述:

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

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

Tested breaking capacity分断能力:

80KA at 1500VDC L/R=80ms

Technical date技术数据:

Rated voltage电压 1500V dc

Rated current电流 25A~200A

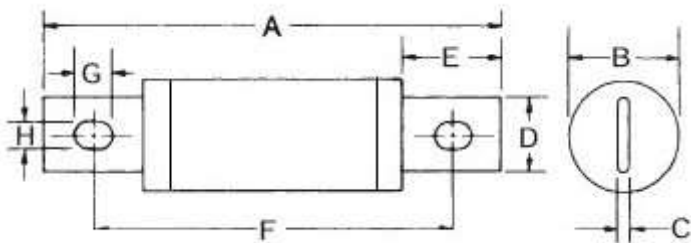
Typical application 典型应用:

Auxiliary feed 辅助电路回路保护

Main electrical feed 主电路回路保护

Class of operation 类别: gR

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



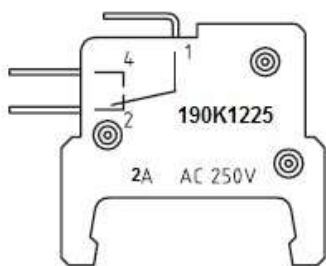
Catalog Numbers 订货号	A	B	C	D	E	F	G	H	安装中心距
KCB-25	180	Φ 30	2.5	17.5	21	156	9	9	156±1.5
KCB-60~KCB-100	195	Φ 40	4	24	28	164	15	11	164±1.5
KCB-150~KCB-200	195	Φ 50	4	32	28	164	15.5	11	164±1.5



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

Rated Voltage AC 250 V

M-Switch For Fuse-Links with Adapter / For Micro Switch Fitting



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

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



网址: www.Kaiertfuse.com

名称Name:Xi'an kaiert power electronic manufacturing CO.,LTD

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电话: 029-86319515、029-86214655、029-86113970 传真: 029-86629371

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邮编: 710018

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	190M1750	690VAC	750VDC	25A	5.0W	12W	25 A ² S	135 A ² S
	190M1751	690VAC	750VDC	32A	5.5W	13W	45 A ² S	240 A ² S
	190M1752	690VAC	750VDC	40A	6.6W	14W	75 A ² S	395 A ² S
	190M1753	690VAC	750VDC	50A	7.7W	16W	135 A ² S	695 A ² S
	190M1754	690VAC	750VDC	63A	8.8W	17W	260 A ² S	1350 A ² S
	190M1755	690VAC	750VDC	80A	8.9W	20W	460 A ² S	2350 A ² S
	190M1756	690VAC	750VDC	100A	11W	25W	795 A ² S	4000 A ² S
	190M1757	690VAC	750VDC	125A	12W	29W	1300 A ² S	6800 A ² S
	190M1758	690VAC	750VDC	160A	17W	34W	2550 A ² S	13500 A ² S
	190M1759	690VAC	750VDC	200A	20W	40W	4350 A ² S	22000 A ² S
	190M1760	690VAC	750VDC	250A	25W	48W	7400 A ² S	37500 A ² S
	190M1761	690VAC	750VDC	315A	32W	60W	12500 A ² S	65000 A ² S
	190M1762	690VAC	750VDC	350A	33W	65W	17000 A ² S	88000 A 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。

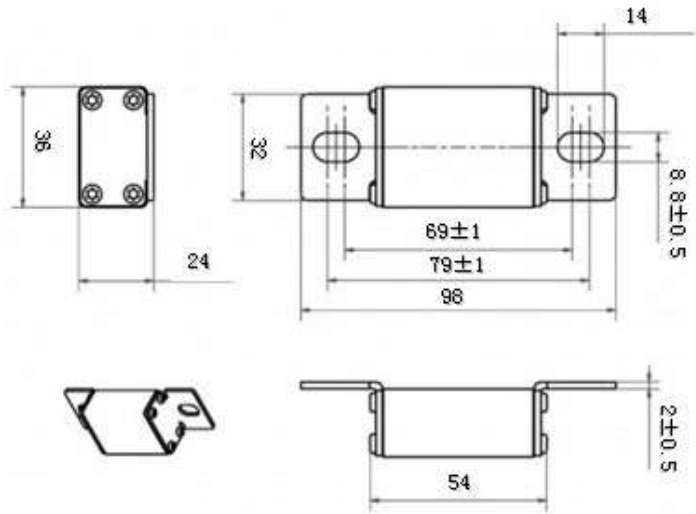
Optimized for use in IGBT inverter circuits with DC-link voltages up to 800Vdc, 用于DC800VIGBT组成的逆变器电路。

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 I^2t 熔断 I^2t :

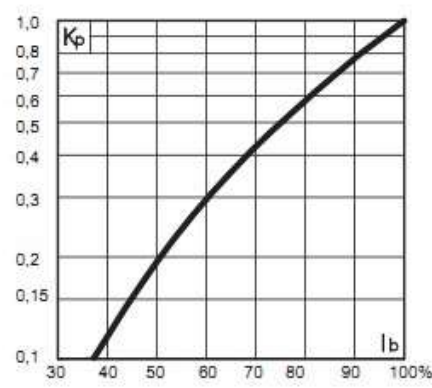
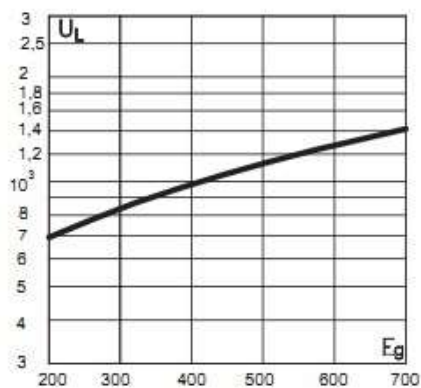
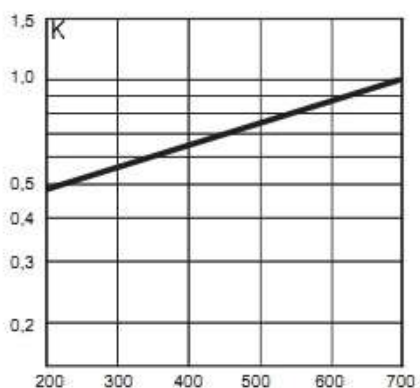
The total clearing I^2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I^2t is found by multiplying by correction factor, K, given as a function of applied working voltage, E,(RMS) 熔断 I^2t 是在额定电压功率因数15%条件下给出, 其他电压参考下图K曲线。

Arc Voltage 电弧电压

This curve gives the peak arc voltage, U , 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: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	190M2770	690VAC	750VDC	100A	18W	35W	380 A ² S	1950 A ² S
	190M2771	690VAC	750VDC	125A	20W	42W	645 A ² S	3300 A ² S
	190M2772	690VAC	750VDC	160A	22W	47W	1350 A ² S	7000 A ² S
	190M2773	690VAC	750VDC	200A	26W	54W	2550 A ² S	13500 A ² S
	190M2774	690VAC	750VDC	250A	30W	63W	4950 A ² S	25000 A ² S
	190M2775	690VAC	750VDC	315A	33W	72W	9350 A ² S	47500 A ² S
	190M2776	690VAC	750VDC	350A	37W	78W	12000 A ² S	61000 A ² S
	190M2777	690VAC	750VDC	400A	39W	80W	18500 A ² S	94500 A ² S
	190M2778	690VAC	750VDC	450A	42W	85W	27000 A ² S	140000 A ² S
	190M2779	690VAC	750VDC	500A	44W	90W	37500 A ² S	190000 A ² S
	190M2780	690VAC	750VDC	550A	46W	95W	48500 A ² S	245000 A ² S
	190M2781	690VAC	750VDC	630A	53W	105W	69500 A ² S	355000 A ² S

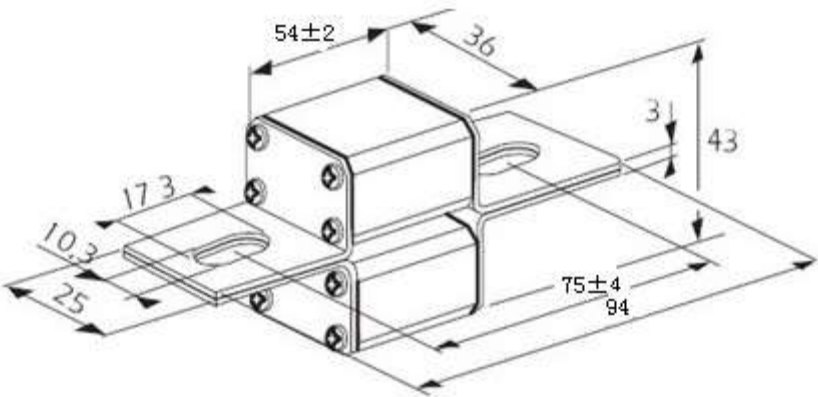
Interrupting rating 200kA RMS Symmetrical (Estimated), 预期最大分断能力200KA。Class类别: gR.全范围保护类型。

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-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	190M1770	690VAC	750VDC	100A	18W	35W	380 A ² S	1950 A ² S
	190M1771	690VAC	750VDC	125A	20W	42W	645 A ² S	3300 A ² S
	190M1772	690VAC	750VDC	160A	22W	47W	1350 A ² S	7000 A ² S
	190M1773	690VAC	750VDC	200A	26W	54W	2550 A ² S	13500 A ² S
	190M1774	690VAC	750VDC	250A	30W	63W	4950 A ² S	25000 A ² S
	190M1775	690VAC	750VDC	315A	33W	72W	9350 A ² S	47500 A ² S
	190M1776	690VAC	750VDC	350A	37W	78W	12000 A ² S	61000 A ² S
	190M1777	690VAC	750VDC	400A	39W	80W	18500 A ² S	94500 A ² S
	190M1778	690VAC	750VDC	450A	42W	85W	27000 A ² S	140000 A ² S
	190M1779	690VAC	750VDC	500A	44W	90W	37500 A ² S	190000 A ² S
	190M1780	690VAC	750VDC	550A	46W	95W	48500 A ² S	245000 A ² S
	190M1781	690VAC	750VDC	630A	53W	105W	69500 A ² S	355000 A ² S

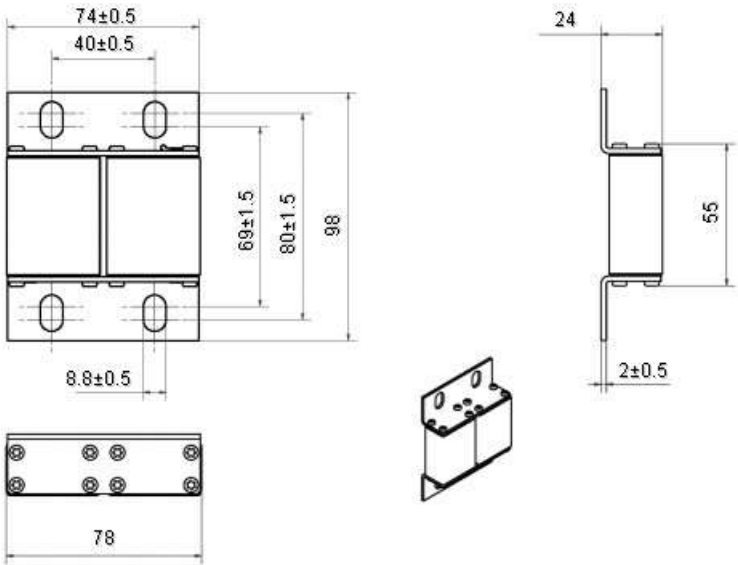
Interrupting rating 200kA RMS Symmetrical (Estimated), 预期最大分断能力200KA。Class类别: gR.全范围保护类型。

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

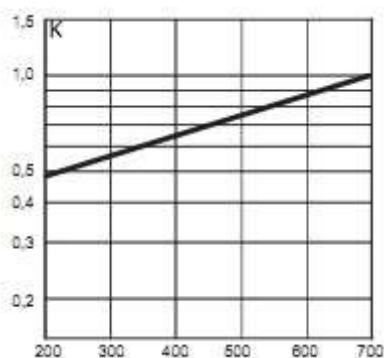


Main Characteristics 主要技术参数: 电压等级:690VAC~750VDC IEC; 700VAC~800VDC UL
 电流:from 25A to 350A 分断能力High interrupting rating 200kA. 执行标准Standard IEC 60269-4 、UL 248-1.

Electrical characteristics 电气特性:

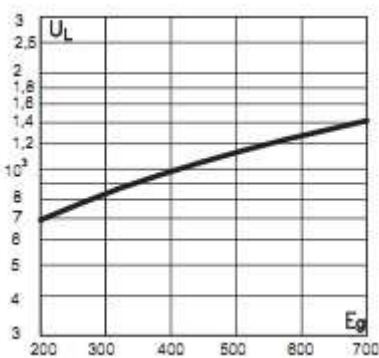
Total clearing I^2t 熔断 I^2t :

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。



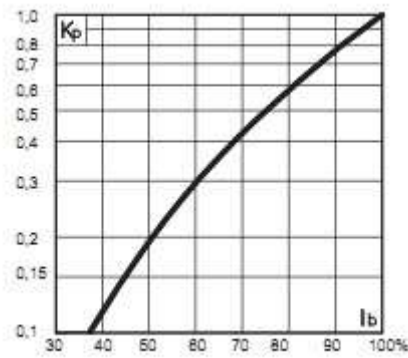
Arc Voltage 电弧电压

This curve gives the peak arc voltage, U, 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。



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

邮箱:kaiert@sina.com 225
 手机: 13109528822
 邮编: 710018

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	190M1802	1000VAC	1000VDC	25A	5.0W	14W	19 A ² S	95 A ² S
	190M1803	1000VAC	1000VDC	32A	7.3W	17W	34 A ² S	170 A ² S
	190M1804	1000VAC	1000VDC	40A	10.0W	20W	61 A ² S	300 A ² S
	190M1805	1000VAC	1000VDC	50A	11.5W	21W	135 A ² S	675 A ² S
	190M1806	1000VAC	1000VDC	63A	12W	22W	245 A ² S	1200 A ² S
	190M1807	1000VAC	1000VDC	80A	13W	27W	505 A ² S	2500 A ² S
	190M1808	1000VAC	1000VDC	100A	14W	32W	1050 A ² S	5150 A ² S
	190M1809	1000VAC	1000VDC	125A	16W	34W	1900 A ² S	9500 A ² S
	190M1810	1000VAC	1000VDC	160A	18W	37W	4050 A ² S	20000 A ² S
	190M1811	1000VAC	1000VDC	200A	20W	43W	8500 A ² S	42000 A ² S
	190M1812	1000VAC	1000VDC	225A	23W	45W	12000 A ² S	59000 A ² S
	190M1813	1000VAC	1000VDC	250A	24W	48W	16000 A ² S	79500 A ² S

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

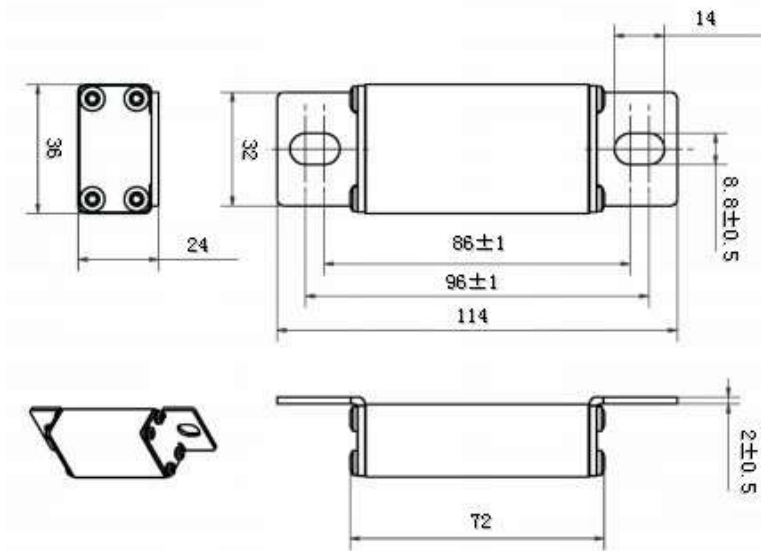
Optimized for use in IGBT inverter circuits with DC-link voltages up to 1000Vdc, 用于DC1000VIGBT组成的逆变器电路。

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



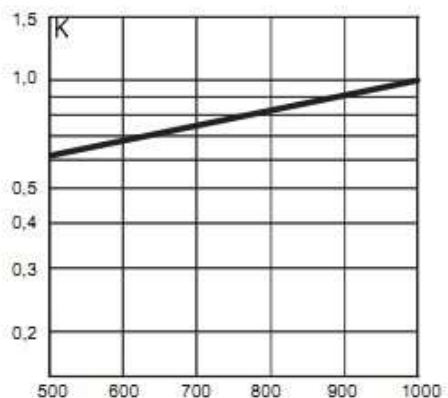
Main Characteristics 主要技术参数: 电压等级:1000VAC~1000VDC 电流:from 25A to 250A

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:

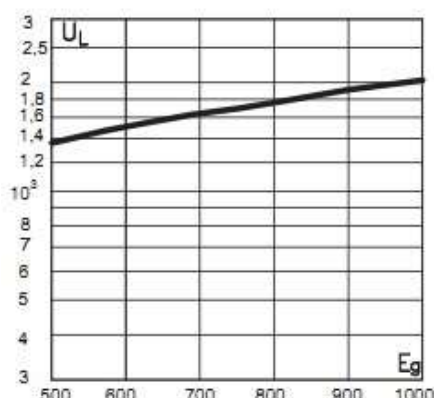
Total clearing I^2t 熔断 I^2t :

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,(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。



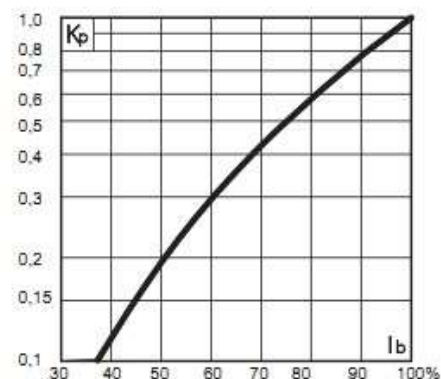
Arc Voltage 电弧电压

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, (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 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	190M2824	1000VAC	1000VDC	100A	16W	38W	600 A ² S	3050 A ² S
	190M2825	1000VAC	1000VDC	125A	17W	42W	1200 A ² S	6050 A ² S
	190M2826	1000VAC	1000VDC	160A	19W	48W	2550 A ² S	13000 A ² S
	190M2827	1000VAC	1000VDC	200A	21W	55W	4650 A ² S	23000 A ² S
	190M2828	1000VAC	1000VDC	250A	23W	62W	9300 A ² S	45500 A ² S
	190M2829	1000VAC	1000VDC	315A	26W	68W	18500 A ² S	91500 A ² S
	190M2830	1000VAC	1000VDC	350A	31W	75W	24500 A ² S	125000 A ² S
	190M2831	1000VAC	1000VDC	400A	38W	80W	37500 A ² S	185000 A ² S
	190M2832	1000VAC	1000VDC	450A	40W	85W	52000 A ² S	260000 A ² S
	190M2833	1000VAC	1000VDC	500A	43W	90W	69500 A ² S	340000 A ² S

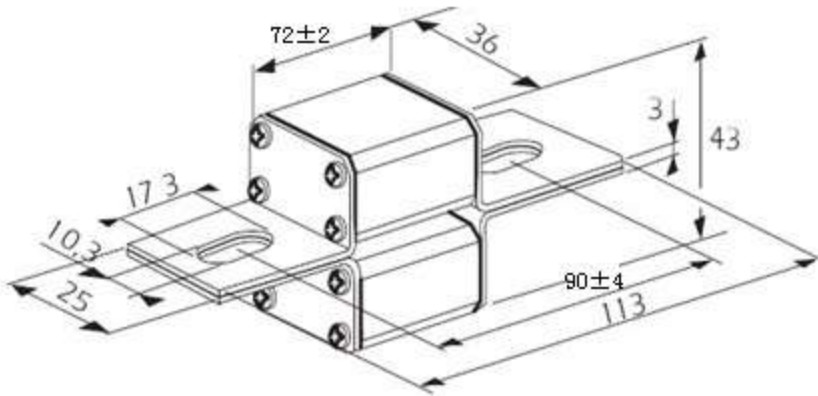
Interrupting rating 200kA RMS Symmetrical (Estimated), 预期最大分断能力200KA。

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	190M1824	1000VAC	1000VDC	100A	16W	38W	600 A ² S	3050 A ² S
	190M1825	1000VAC	1000VDC	125A	17W	42W	1200 A ² S	6050 A ² S
	190M1826	1000VAC	1000VDC	160A	19W	48W	2550 A ² S	13000 A ² S
	190M1827	1000VAC	1000VDC	200A	21W	55W	4650 A ² S	23000 A ² S
	190M1828	1000VAC	1000VDC	250A	23W	62W	9300 A ² S	45500 A ² S
	190M1829	1000VAC	1000VDC	315A	26W	68W	18500 A ² S	91500 A ² S
	190M1830	1000VAC	1000VDC	350A	31W	75W	24500 A ² S	125000 A ² S
	190M1831	1000VAC	1000VDC	400A	38W	80W	37500 A ² S	185000 A ² S
	190M1832	1000VAC	1000VDC	450A	40W	85W	52000 A ² S	260000 A ² S
	190M1833	1000VAC	1000VDC	500A	43W	90W	69500 A ² S	340000 A ² S

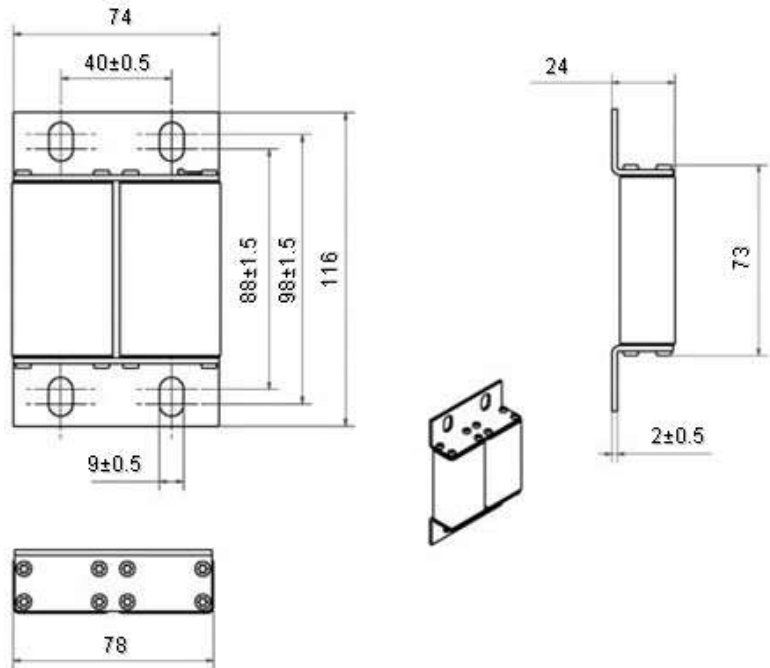
Interrupting rating 200kA RMS Symmetrical (Estimated), 预期最大分断能力200KA。

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



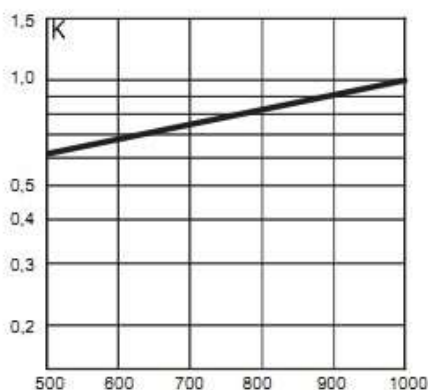
Main Characteristics主要技术参数: 电压等级:1000VAC~1000VDC 电流:from 100A to 500A

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:

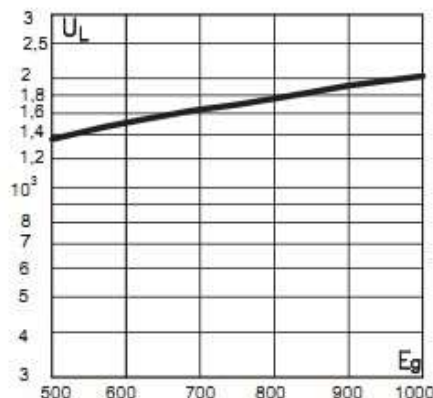
Total clearing I^2t 熔断 I^2t :

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。



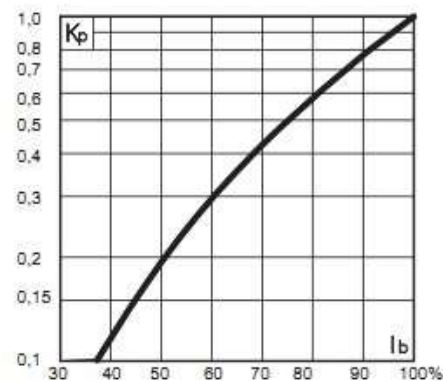
Arc Voltage 电弧电压

This curve gives the peak arc voltage, U, 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:

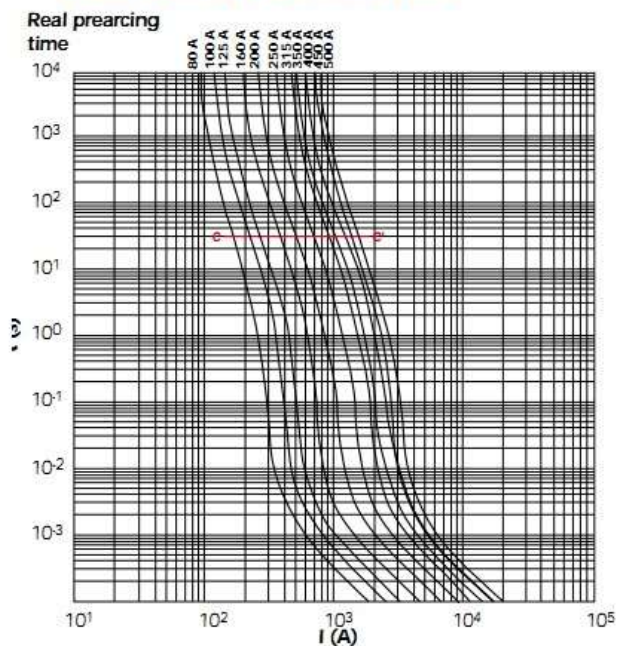
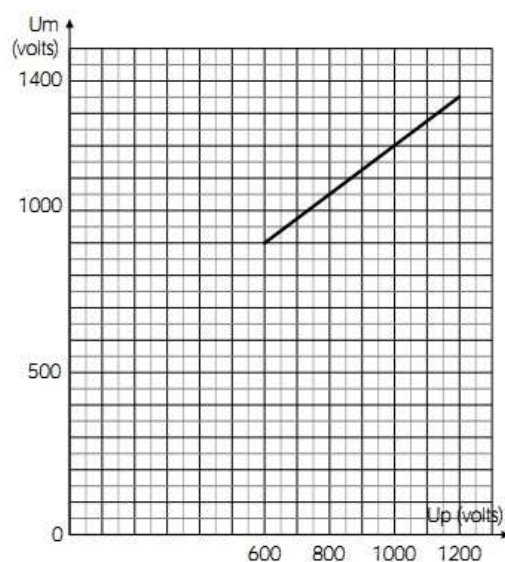
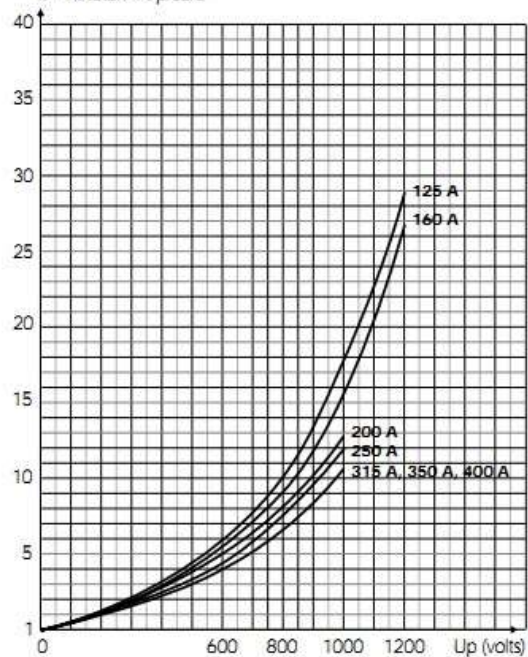
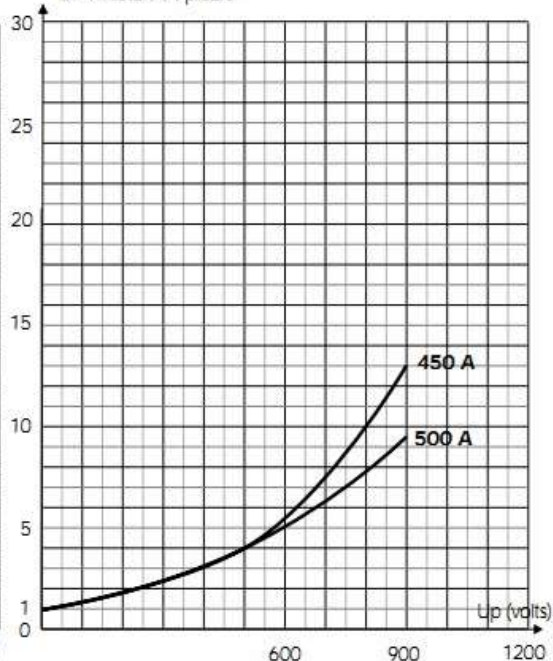
Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the power losses at load currents lower than the rated current. The correction factor, K_p, is given as a function of the RMS load current, I, in % of the rated current.在额定电流下的功耗已给出, 低于额定电流下的功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

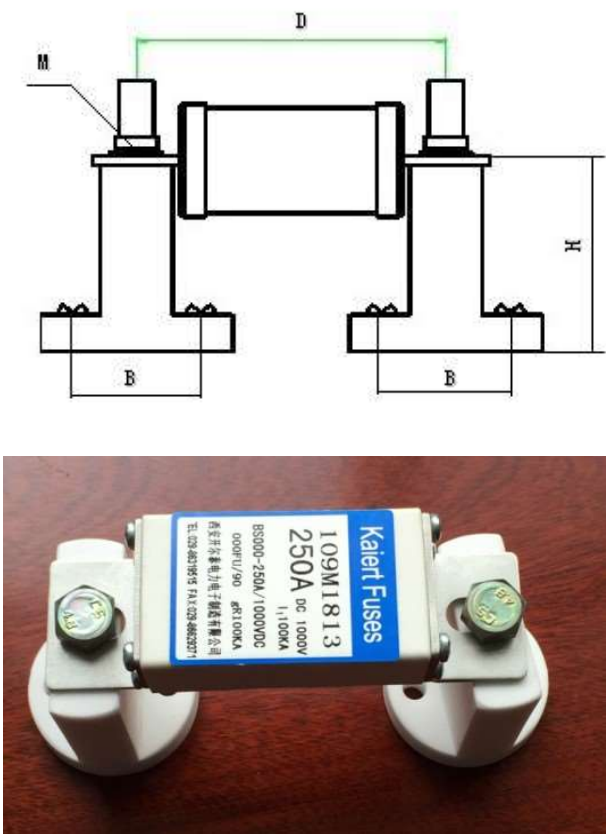
Time current characteristics 时间-电流特性曲线

 $U_m = f(U_p)$ 过电压-工作电压特性曲线 $k = I^2 t_{total} / I^2 t_{prearc}$  $k = I^2 t_{total} / I^2 t_{prearc}$ 

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主要技术参数: 电压等级:1700VAC~3200VDC电流:from 160A to 260A

Class类别:gR 分断能力High interrupting rating 100kA. 执行标准Standard IEC 60269-4 、 UL 248-1

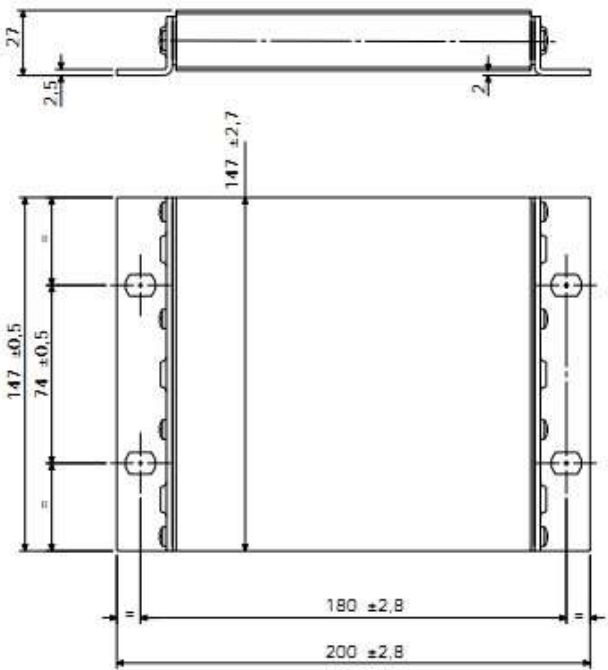
Size 瓷管 代号	Catalog Numbers 订货号	Voltage电压 等级(V) Un(dc)	Ampere 电流 (A)	Watts Loss(W) 功耗		I²t @Un 熔断 I²t(A²S)	
				0.8In	In	Pre-arcingI²t @ 1ms A²S 弧前 I²t	Total cleaingI²t @UN A²S 熔断 I²t
330FU/180	190M229133	3200VDC	160A	56W	120W	5590 A²S	32800 A²S
	190M229134	2800VDC	200A	58W	132W	10370 A²S	57500 A²S
	190M229135	1900VDC	230A	61W	133W	30400 A²S	53300 A²S
	190M229136	1700VDC	260A	68W	135W	36250 A²S	73800 A²S

Optimized for use in IGBT inverter circuits with DC-link voltages up to 1700Vdc~3200Vdc,

用于1700Vdc~3200Vdc IGBT组成的逆变器电路。 Low inductance < 30 nH 电路电感≤30nH。

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

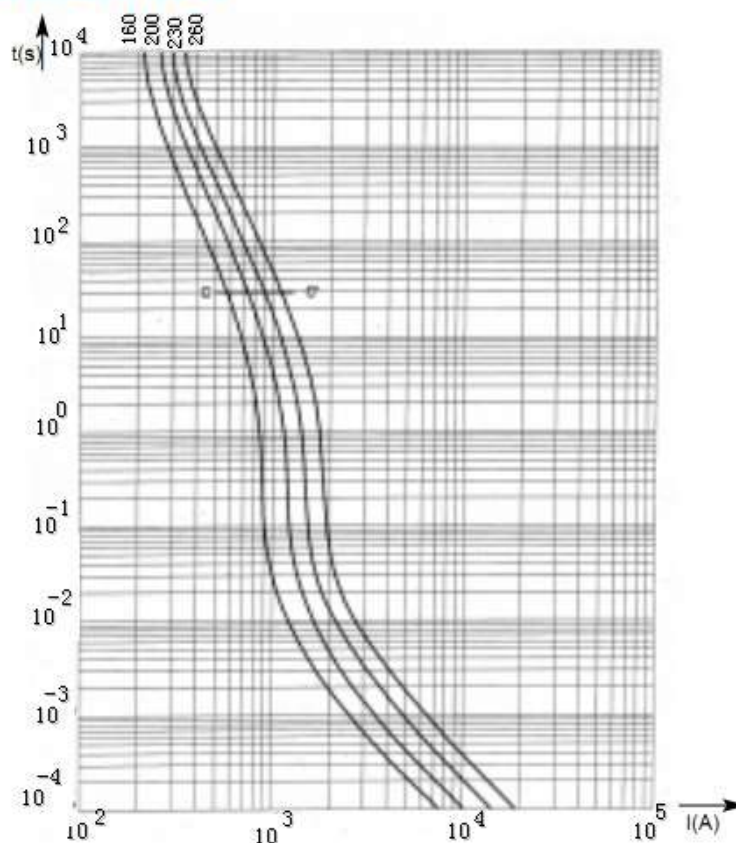
Dimensions (mm) (330FU/180) 安装尺寸示意图



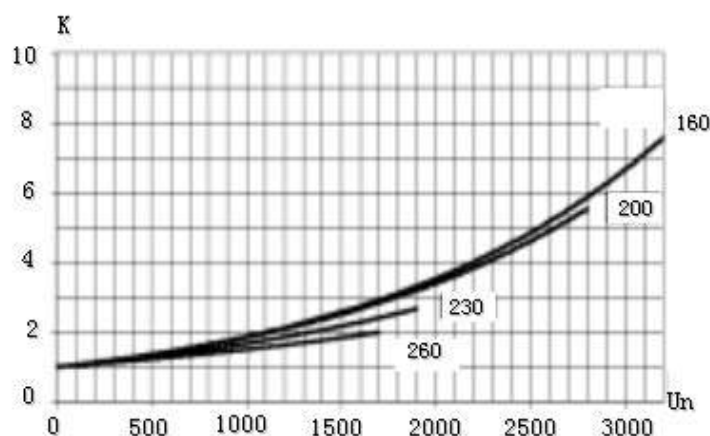
Main Characteristics主要技术参数: 电压等级:1700VAC~3200VDC电流:from 160A to 260A

Class类别:gR 分断能力High interrupting rating 100kA. 执行标准Standard IEC 60269-4 、 UL 248-1

Time current characteristics 时间-电流特性曲线



$U_m = K U_n$ 过电压和工作电压曲线



Main Characteristics 主要技术参数: 电压等级:7200VDC 电流:from 50A to 950A
Class类别:gR 分断能力High interrupting rating 100kA. 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) Un(dc)	Ampere 电流 (A)	Pre-arctingI ² t @1ms A ² S 弧前 I ² t	Bodies 并联数量
331FU/305	190M220654	7200VDC	50A	616 A ² S	1
	190M220655	7200VDC	63A	932 A ² S	
	190M220656	7200VDC	80A	1778 A ² S	
	190M220657	7200VDC	100A	2459 A ² S	
	190M220658	7200VDC	120A	3725 A ² S	
	190M220659	7200VDC	160A	7115 A ² S	
	190M220660	7200VDC	180A	7826 A ² S	
	190M220661	7200VDC	200A	9005 A ² S	
	190M220662	7200VDC	225A	10800 A ² S	
	190M227845	7200VDC	250A	14900 A ² S	
332FU/305	190M097954	7200VDC	280A	17880 A ² S	2
	190M097955	7200VDC	315A	26550 A ² S	
	190M097956	7200VDC	350A	33525 A ² S	
	190M097957	7200VDC	400A	39334 A ² S	
	190M097958	7200VDC	440A	47200 A ² S	
	190M097959	7200VDC	480A	59600 A ² S	
333FU/305	190M097961	7200VDC	500A	70328 A ² S	3
	190M097962	7200VDC	560A	77361 A ² S	
	190M097963	7200VDC	640A	106200 A ² S	
	190M097964	7200VDC	715A	134100 A ² S	
334FU/305	190M220805	7200VDC	800A	157334 A ² S	4
	190M220806	7200VDC	850A	188800 A ² S	
	190M220579	7200VDC	950A	238400 A ² S	

Optimized for use in IGBT inverter circuits with DC-link voltages up to 5000Vdc~1000Vdc, 用于5000Vdc~10000Vdc IGBT组成的逆变器电路。

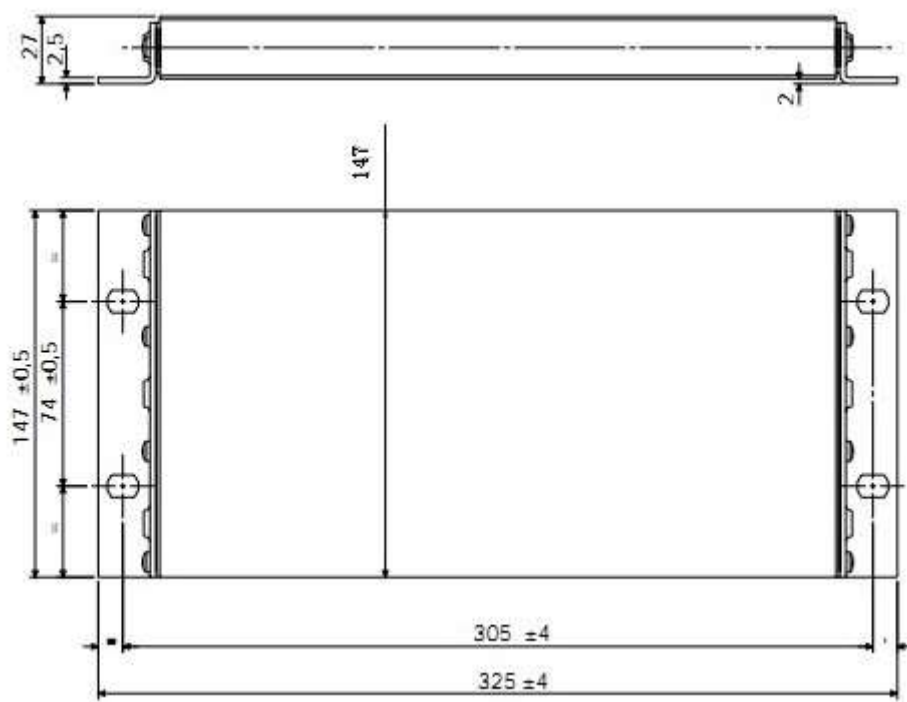
Low inductance < 50 nH 电路电感≤50nH。

Quick disconnection of damage module快速隔离损坏的模块（IGBT）。



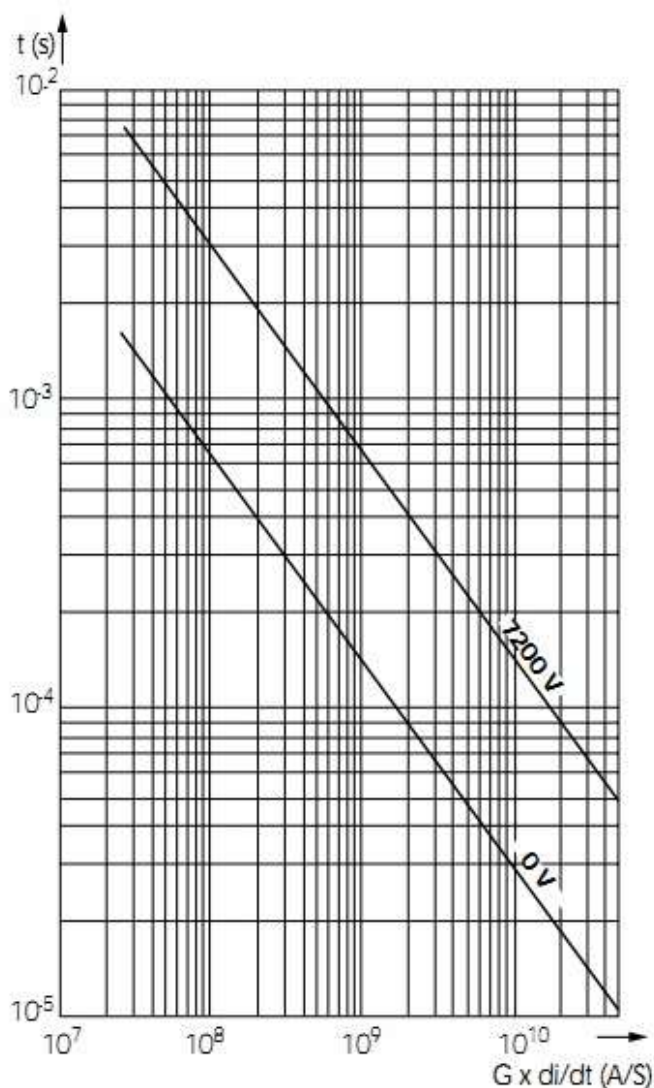
Main Characteristics 主要技术参数: 电压等级:7200VDC 电流:from 50A to 950A
Class类别:gR 分断能力High interrupting rating 100kA. 执行标准Standard IEC 60269-4 、 UL 248-1

Dimensions (mm) (330FU/305) 安装尺寸示意图

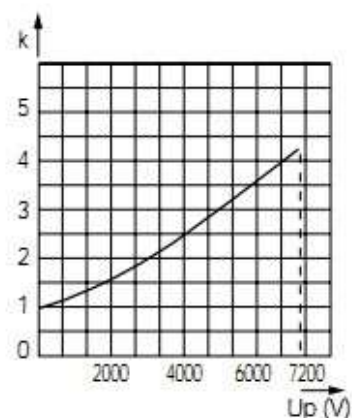


Main Characteristics 主要技术参数: 电压等级:7200VDC 电流:from 50A to 950A
Class类别:gR 分断能力High interrupting rating 100kA. 执行标准Standard IEC 60269-4 、 UL 248-1

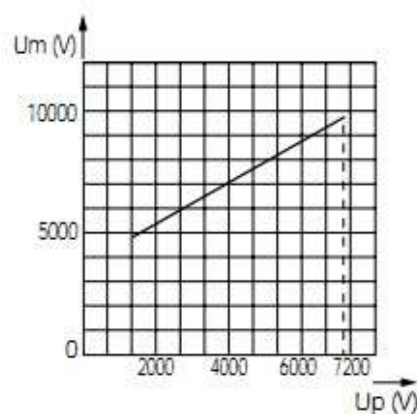
$$Tt = f(G \times di/dt)$$



$$k = f(U_p)$$



$$U_m = f(U_p)$$



U_p : DC working voltage 直流工作电压

U_m : Arc voltage 电弧电压

K : I^2t corrective coefficient I^2t 修正系数

total $I^2t = K \times I^2t$ pre-arcing 熔断 I^2t 和弧前 I^2t 的关系。