CNMNG
铭高电气

MINGGAO ELECTRIC CO., LTD

铭高电气有限公司

安全的日子，天总是蓝的，
愿我们的专业服务，为您撑起一方蔚蓝天空

On safe days, the sky is always blue.
May our professional services create a blue sky for you





CNMNG 铭高电气

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本产品使用于户内交流50Hz，额定电压3.6-40.5KV系统作为电压互感器的过载及短路保护之用。（通过了国家高压电器质量监督检测中心型式试验，产品符合GB15166.2和IEC282-1）

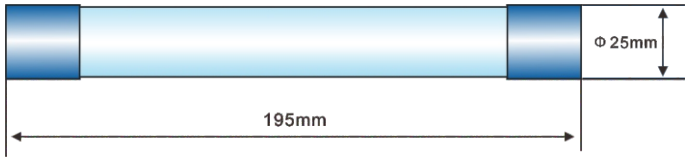
This product is designed for indoor AC 50 Hz systems with a rated voltage range of 3.6–40.5 kV, providing overload and short-circuit protection for voltage transformers. It has successfully passed the type tests conducted by the National High Voltage Electrical Apparatus Quality Supervision and Inspection Center and complies with the requirements of GB/T 15166.2 and IEC 282-1 standards.

XRNP□-12/□-50

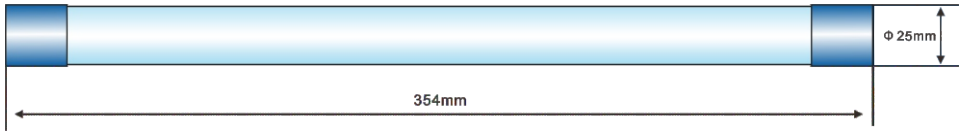
- 额定开断电流KA Rated breaking current(KA)
- 额定电流A Rated current（A）
- 额定电压KV Rated voltage(KV)
- 设计序号 Design serial number
- 电压互感器保护用 For the protection of voltage transformers
- 户内使用 Indoor use
- 熔断器 Fuse
- 限流式 Current-limiting

产品型号 Product model	熔断件额定电流 A Rated current of the fuse（A）	外形尺寸 Overall dimensions	质量（kg） Quality（kg）	开断电流 KA Breaking current（KA）
XRNP1-3.6	0.2、0.3、0.5、1、2、3.15、4、5	Φ25×195	0.245	50
XRNP1-7.2	（瓷管，环氧管）			
XRNP1-12	（Porcelain tubes, epoxy tubes）		0.530	
XRNP1-24	0.2、0.3、0.5、1、2、3.15	Φ25×355		50
XRNP1-40.5	0.2、0.3、0.5、1、2、3.15	Φ25×465		31.5
XRNP2-7.2	0.5、1、2、3.15、6.3、10、16	Φ51×192	11	50
XRNP3-7.2	0.5、1、2、3.15、6.3、10、16	Φ51×210	0.9	50
XRNP-7.2	0.5、1、2、3.15、6.3、10、16	Φ51×210	1.3	50
XRNP2-12	0.5、1、2、3.15、6.3、10、16	Φ51×192	11	50
XRNP3-12	0.5、1、2、3.15、6.3、10	Φ51×210	0.9	50
XRNP2-40.5	0.5、1、2、3.15、6.3、10	Φ51×465	2.3	31.5
XRNP3-40.5	0.5、1、2、3.15、6.3	Φ51×465		31.5
XRNP5-40.5	0.2、0.3、0.5、1、2、3、3.15、5			31.5
XRNP6-40.5	0.5	Φ40×440		31.5

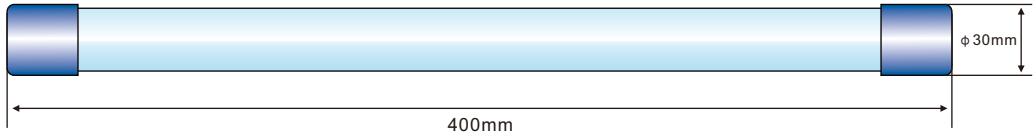
XRNP1-3.6-12KV尺寸图（Dimension drawing）



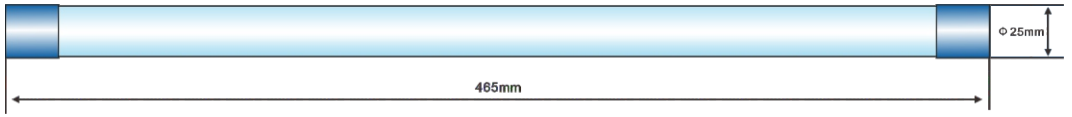
XRNP1-24KV尺寸图（Dimension drawing）



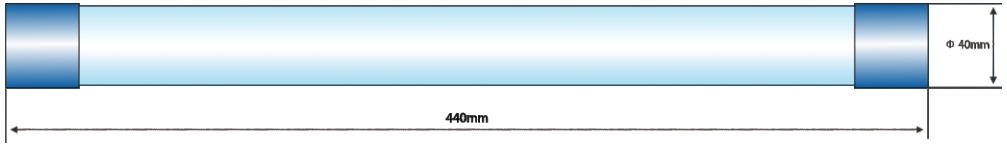
XRNP1-40.5KV尺寸图（Dimension drawing）



XRNP1-40.5KV尺寸图（Dimension drawing）



XRNP6-40.5KV尺寸图（Dimension drawing）





本产品适用于户内交流50Hz，额定电压3.6KV、7.2KV、12KV、24KV、40.5KV系统，可与其它开关电器如负荷开关，真空接触器配合使用，作为电力变压器及其它设备短路、过载的保护元件，又是高压开关框、环网框、高/低压预装式变电站必备的配套产品。

This product is designed for indoor AC 50 Hz power systems with rated voltages of 3.6 kV, 7.2 kV, 12 kV, 24 kV, and 40.5 kV. It can be integrated with complementary switchgear components, such as load switches and vacuum contactors, to serve as a protective device for power transformers and associated equipment against short-circuit and overload conditions. Furthermore, it functions as a critical auxiliary component for high-voltage switchgear assemblies, ring main units, and high/low-voltage prefabricated substations.

国内型号 Domestic model

X R N T □-12

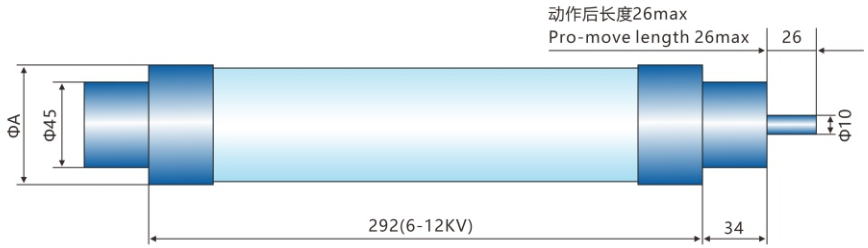
- 额定电压 Rated voltage
- 设计序号 Design serial number
- 变压器保护 Transformer protection
- 户内使用 Indoor use
- 熔断器 Fuse
- 限流式 Current-limiting

等同的国外型号 The equivalent foreign model

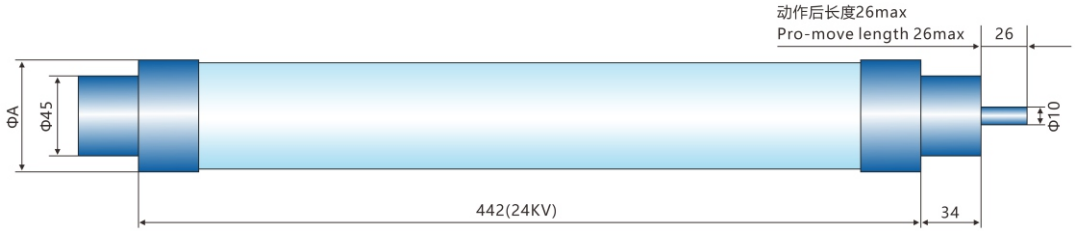
S □ L □ J

- 德国标准插入式 German standard plug-in type
- 撞击器：N=无　A=火药式　D=弹簧式 Impactor length: N= No A= Gunpowder type D= spring type
- 熔断器长度：L=292mm(12KV)　442MM(24KV) Fuse length
  Fuse length　537MM(40.5KV)(35KV)
- 熔断器直径：D=Φ51mm　F·K=Φ76mm
  Fuse diameter K=Φ88mm（高强瓷）High-strength porcelain
- 变压器保护 Transformer protection

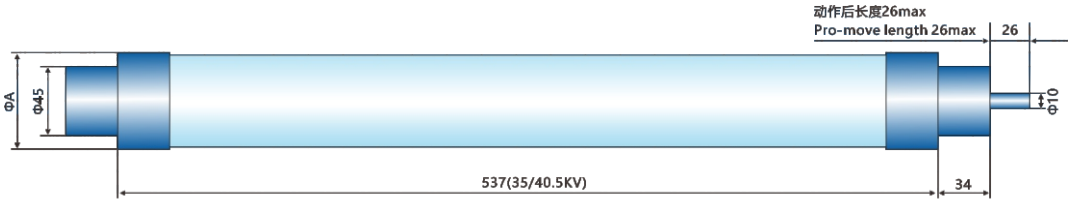
产品型号 Product Model	等同型号 Equivalent model	额定电压 KV Rated voltage（KV）	熔断器额定电流 A Fuse rated current (A)	熔体额定电流 A Fuse rated current (A)
XRNT1-12	SDLAJ	12	40	3.15、6.3、10、16、20、25、31.5、40
XRNT1-12	SDLAJ	12	100	50、63、71、80、100、125
XRNT1-12	SDLAJ	12	125	160、200、250、315
XRNT1-24		24	200	3.15、6.3、10、16、20、25、31.5、40、50、63、80、100、125、160、200
XRNT1-40.5		40.5	125	3.15、6.3、10、16、20、25、31.5、40、50、63



熔断器Char1/a link XRNT□-12KV
注（Note）：ΦA: Φ51mm(6.3-40A) Φ63 Φ76mm(50-125A) Φ88(160-200A)



熔断器Char1/a link XRNT□-24KV
注（Note）：ΦA: Φ51mm(6.3-40A) Φ63 Φ76mm(50-125A) Φ88(125-200A)

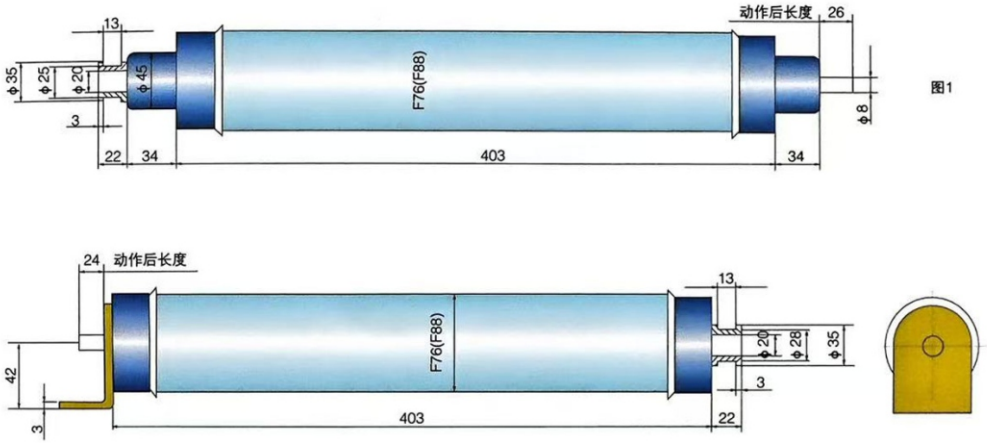


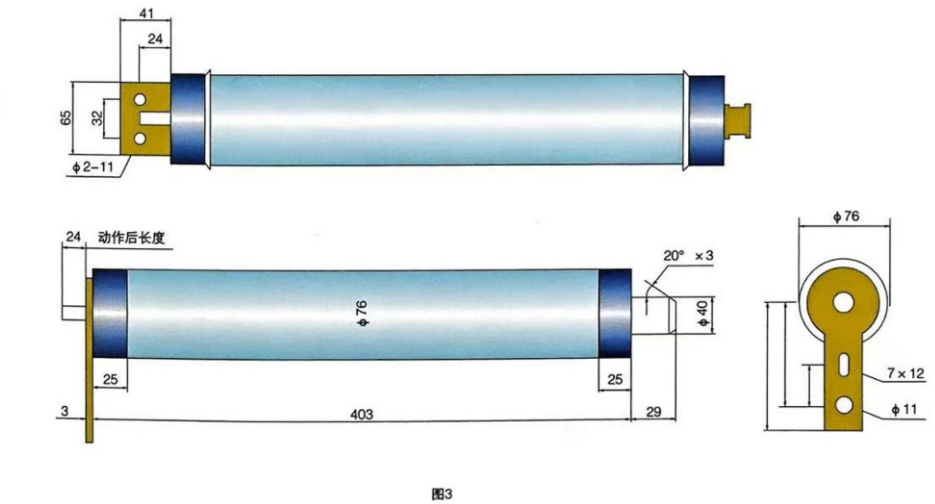
熔断器Char1/a link XRNT□-35/40.5KV
注（Note）：ΦA: Φ51mm(6.3-25A) Φ76mm(25-40A) Φ88(50-100A)



本产品适用于户内外50Hz，额定电压3.6KV系统及7.2KV的系统，可与其它保护电器（开关、真空断路器等）配合使用，作为高压电动机及其它电力设备的过载或短路等的保护元件。

This product is suitable for indoor and outdoor use in 50Hz systems with rated voltages of 3.6kV and 7.2kV. It can be used in conjunction with other protective devices (such as switches and vacuum circuit breakers) as a protective element for high-voltage motors and other electrical equipment against overloads or short circuits.





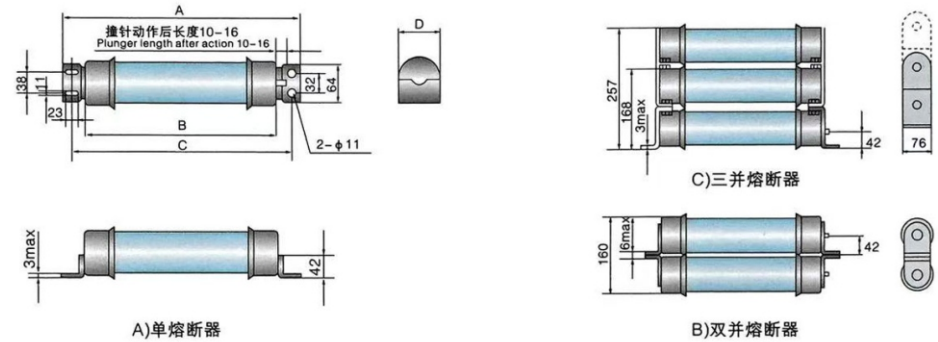


图1 母线式熔断器外形及安装尺寸
Chart 1Generatrix fuse Lnstallation Dimensions

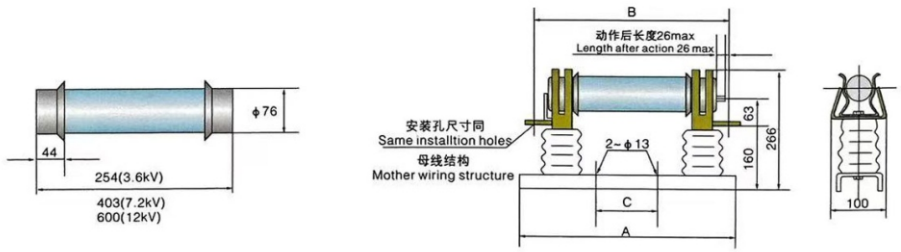


图2 插入式熔断器外形及安装尺寸
Chart 2Inserting fuse Lnstallation Dimensions



本产品适用于户内交流50Hz，额定电压3.6KV、7.2KV、12KV、24KV、40.5KV系统，可与其它开关电器如负荷开关，真空接触器配合使用，作为电力变压器及其它设备短路、过载的保护元件，又是高压开关框、环网框、高/低压预装式变电站必备的配套产品。

This product is designed for indoor AC 50 Hz power systems with rated voltages of 3.6 kV, 7.2 kV, 12 kV, 24 kV, and 40.5 kV. It can be integrated with complementary switchgear components, such as load switches and vacuum contactors, to serve as a protective device for power transformers and associated equipment against short-circuit and overload conditions. Furthermore, it functions as a critical auxiliary component for high-voltage switchgear assemblies, ring main units, and high/low-voltage prefabricated substations.

国内型号 Domestic model

X R N T □-12

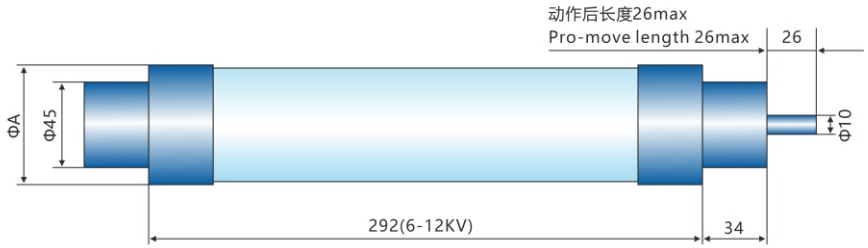
- 额定电压 Rated voltage
- 设计序号 Design serial number
- 变压器保护 Transformer protection
- 户内使用 Indoor use
- 熔断器 Fuse
- 限流式 Current-limiting

等同的国外型号 The equivalent foreign model

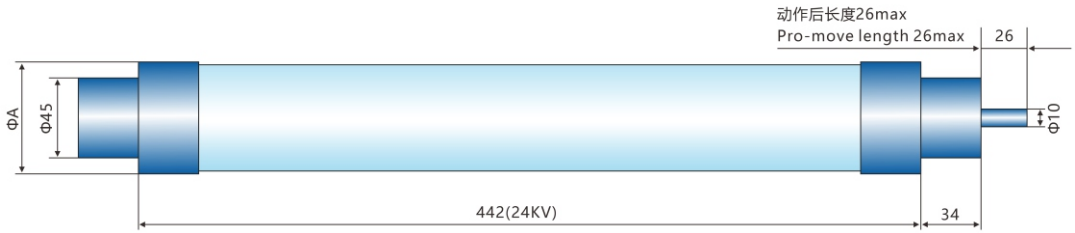
S □ L □ J

- 德国标准插入式 German standard plug-in type
- 撞击器：N=无　A=火药式　D=弹簧式 Impactor length: N= No A= Gunpowder type D= spring type
- 熔断器长度：L=292mm(12KV)　442MM(24KV) Fuse length
  Fuse length　537MM(40.5KV)(35KV)
- 熔断器直径：D=Φ51mm　F·K=Φ76mm
  Fuse diameter K=Φ88mm（高强瓷）High-strength porcelain
- 变压器保护 Transformer protection

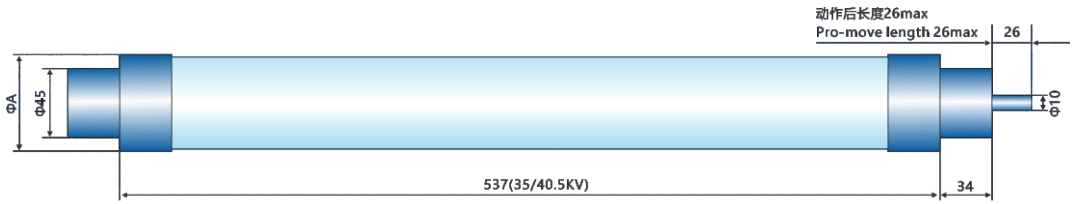
产品型号 Product Model	等同型号 Equivalent model	额定电压 KV Rated voltage（KV）	熔断器额定电流 A Fuse rated current (A)	熔体额定电流 A Fuse rated current (A)
XRNT1-12	SDLAJ	12	40	3.15、6.3、10、16、20、25、31.5、40
XRNT1-12	SDLAJ	12	100	50、63、71、80、100、125
XRNT1-12	SDLAJ	12	125	160、200、250、315
XRNT1-24		24	200	3.15、6.3、10、16、20、25、31.5、40、50、63、80、100、125、160、200
XRNT1-40.5		40.5	125	3.15、6.3、10、16、20、25、31.5、40、50、63



熔断器Char1/a link XRNT□-12KV
注（Note）：ΦA: Φ51mm(6.3-40A) Φ63 Φ76mm(50-125A) Φ88(160-200A)

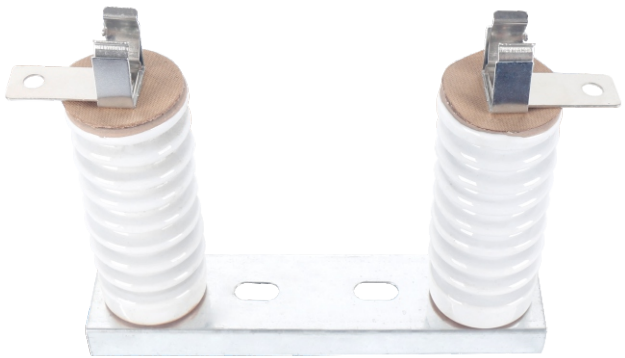


熔断器Char1/a link XRNT□-24KV
注（Note）：ΦA: Φ51mm(6.3-40A) Φ63 Φ76mm(50-125A) Φ88(125-200A)

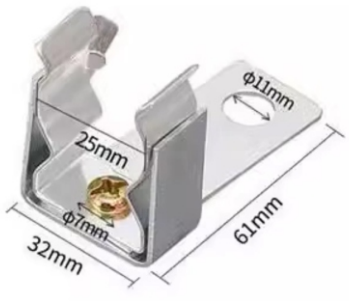


熔断器Char1/a link XRNT□-35/40.5KV
注（Note）：ΦA: Φ51mm(6.3-25A) Φ76mm(25-40A) Φ88(50-100A)

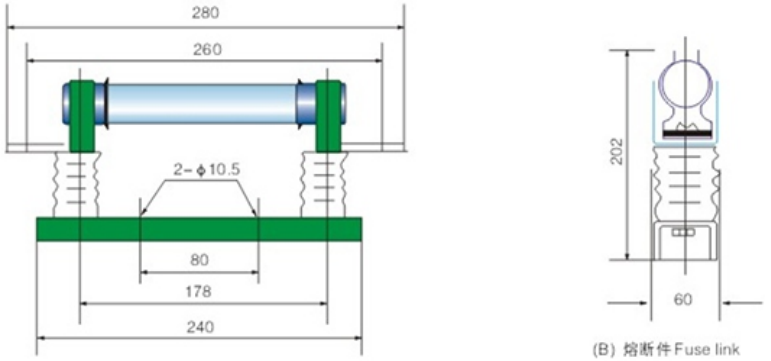
XRNP底座（XRNP Base）



XRNP卡子（XRNP Card）



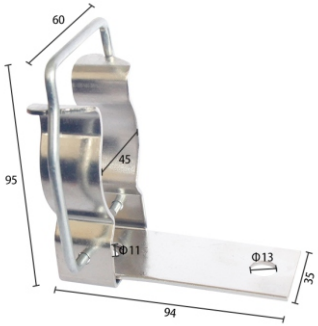
XRNP底座尺寸图（XRNP base size diagram）



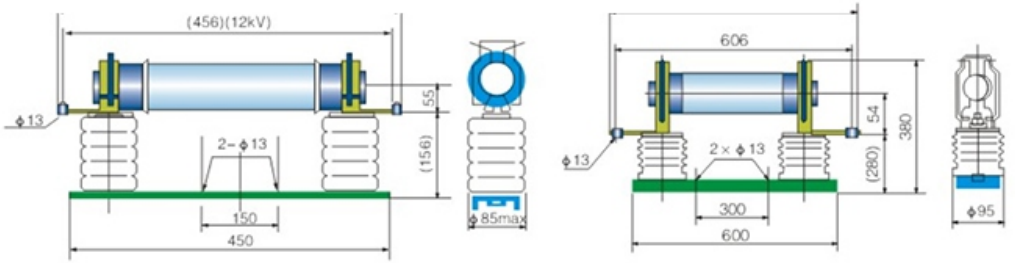
XRNM底座（XRNM Base）



XRNM卡子（XRNM Card）



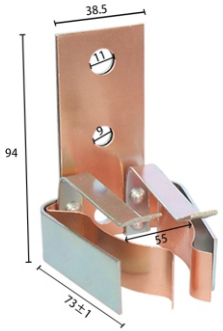
XRNT底座尺寸图（XRNT base size diagram）



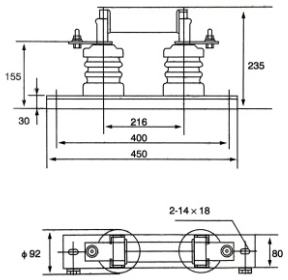
RN底座（RN Base）



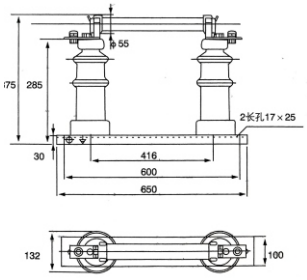
RN卡子（RN Card）



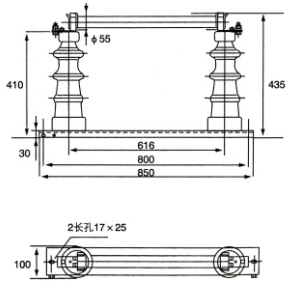
RN2-3、6、10/0.5型外形尺寸
RN2-3、6、10/0.5 External dimensions of the type



RN2-15、20/2-0.5型外形尺寸
RN2-15、20/2-0.5 External dimensions of the type



RN2-35/0.5型外形尺寸
RN2-35/0.5 External dimensions of the type





本产品使用于户内交流50Hz，额定电压3~35kV系统中作为电力设备及电力线路的过载或短路保护。

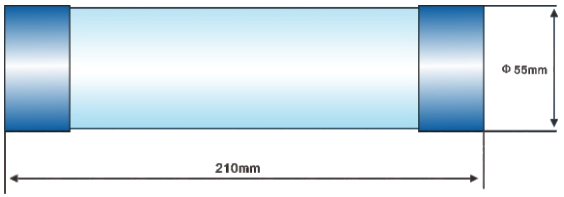
This product is designed for use in indoor AC 50Hz systems with a rated voltage of 3 to 35kV, providing overload and short-circuit protection for power equipment and power lines.

RN 1 - □ / □ - □

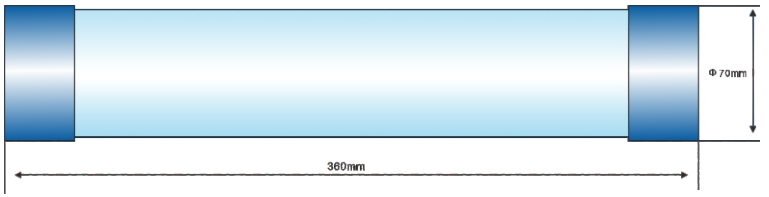
- 开端容量(MVA) Initial Capacity (MVA)
- 额定电流(A) Rated Current (A)
- 额定电压(KV) Rated Voltage (kV)
- 设计代号 Designation
- 户内熔断器 Indoor fuse

产品型号	RN1（粗）	RN1（细）、3	RN2-6、10		RN2-15、20		RN2-35
额定电压 KV	10	10	6	10	15	20	35
额定电流 A	50/60/75/100/120	0.5/1/2/3/5/10/15/20/30/40/50/60/75/100	0.5/1/2/3/5		0.5/1/2/3/5		0.5/1/3/5
三相断流容量 MVA	1000						
过电压倍数	不超过 2.5 倍工作电压						
尺寸Φ	70*460	55*410	55*210		55*410		55*605
重量 kg	2.7	1.5	5.6		12		15.6

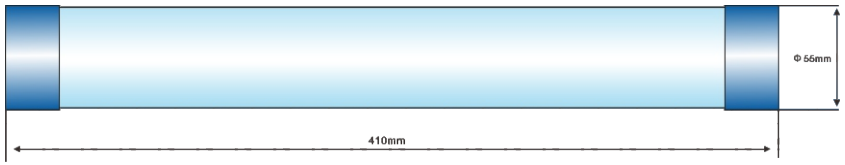
RN2-6KV/10KV尺寸图（Dimension drawing）



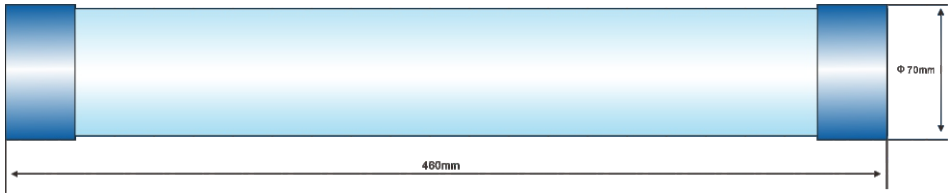
RN1-6KV尺寸图（Dimension drawing）



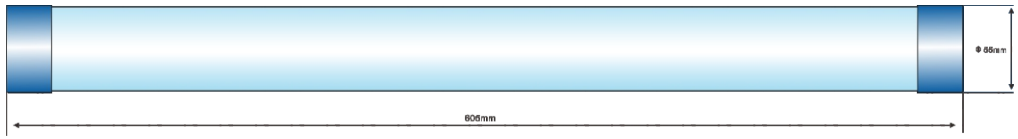
RN1/RN3-10KV尺寸图（Dimension drawing）



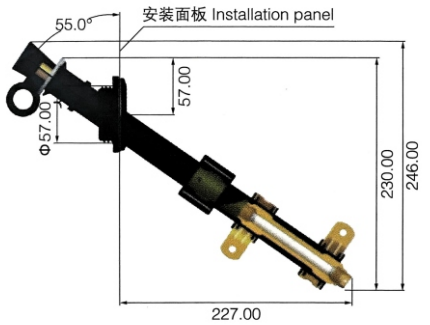
RN1-10KV尺寸图（Dimension drawing）



RN2-35KV尺寸图（Dimension drawing）







PRNT□-15.5插入式熔断器(Insertable fuse)
PRNT□-15.5双敏熔丝(Double-sensitive fuse)

■电气性能 Electrical performance

电压等级 Voltage level	单相开断最大电流 Maximum current for single-phase breaking 顶部安装/侧面安装 Top installation/side installation	电压等级 Voltage level	负荷开断电流 Load breaking current
8.3KV	3000A/3500A	10.0KV	160A
15.5KV	2500A/2500A	15.5KV	150A
23KV	1000A/1000A	26.7KV	80A

描述 Description	参数 Parameter
雷电冲击电压 Lightning impulse voltage	150KV
1分钟工频耐压 One-minute power frequency withstand voltage	50KV

■标准包装 Standard Packaging

熔断器 Fuse
双敏熔丝 Double-sensitive fuse
安装使用说明书 Installation and Operation Manual
产品合格证 Product Qualification Certificate

■定货编号说明 Order Number Explanation

MG PRNT □ -15.5

- 额定电压 Rated voltage
- 额定电流 Rated current
- 插入式熔断器 Plug-in fuse
- 企业代号 Corporate Code

■概述 Overview

插入式熔断器用于油浸式箱变过流保护的一个主要配件，内部装入配套的熔丝，即可从多方面（如依据电流大小，油温高低等)对变压器进行保护。插入式熔丝安装方式简单，运行可靠，熔丝更换方便。因此广泛用于美式箱变的高压侧保护。

用于保护变压器和电力系统。可用于普通组合式变压器和地埋式变压器。该熔丝筒内可安装电流型熔丝、双敏熔丝、双因素熔丝以及大电流过载熔丝等等。可独立型熔丝或后备熔断器相配合，可隔断大电流故障，保护电力设备和电网。

双熔丝保护系统目前已成为行业内单相变压器和三相变压器保护的标准方案。

The insertable fuse is a key component employed for overcurrent protection in oil-immersed box-type transformers. By installing an appropriately rated fuse, it provides comprehensive protection for the transformer based on parameters such as current level and oil temperature. The plug-in design offers advantages including simple installation, reliable operation, and convenient fuse replacement, making it widely adopted for high-voltage side protection in American-style pad-mounted transformers.

This device is utilized to safeguard both transformers and power systems, and is applicable to various configurations, including conventional combined transformers and underground transformers. The fuse holder is compatible with a range of fuse types, such as current-responsive fuses, dual-sensitivity fuses, dual-element fuses, and high-current overload fuses. It can be integrated with either standalone or backup fuses to effectively isolate high-magnitude fault currents, thereby protecting electrical equipment and ensuring grid stability.

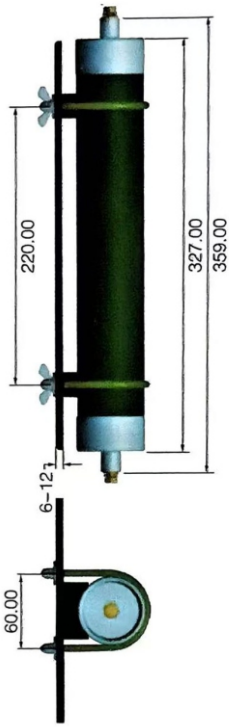
The dual-fuse protection system has now become the industry standard for protecting both single-phase and three-phase transformers.



XRNT□-15.5限流后备保护熔断器
XRNT□-15.5Current-limiting backup protection fuse

限流后备保护熔断器是美式箱变过流保护的主要元件，与插入式熔丝筒内的熔丝（电流型熔丝、双敏熔丝和双因素熔丝等）串联使用，构成“双熔断器保护”方案。它是油浸式限流型熔断器，用来保护变压器内部故障线圈短路保护），通常不动作，后备保护熔断器装置最大开断电流为50kA。

The current-limiting backup protection fuse serves as a critical component of overcurrent protection in American-style pad-mounted transformers. It is connected in series with fuses housed within the insertable fuse cartridge—such as current-limiting, dual-element, or dual-characteristic fuses—to implement a "dual-fuse protection" scheme. This device is an oil-immersed, current-limiting fuse specifically designed for short-circuit protection of internal transformer windings under fault conditions. Under normal operation, the backup protection fuse remains inactive, and its maximum interrupting rating is 50 kA.



■电气性能 Electrical performance

熔丝类型 Fuse type	最大开断电流 Maximum breaking current
限流后备保护熔断器 Current-limiting backup protection fuse	50000A

■标准包装 Standard Packaging

熔断器 Fuse
安装使用说明书 Installation and Operation Manual
产品合格证 Product Qualification Certificate

■定货编号说明 Order Number Explanation

MG XRNT □ -15.5

- 额定电压 Rated voltage
- 额定电流 Rated current
- 插入式熔断器 Plug-in fuse
- 企业代号 Corporate Code



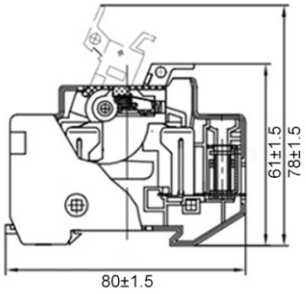
MGPV-□x□ 光伏熔断器
MGPV-□x□ Photovoltaic fuse

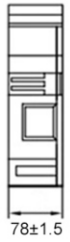
光伏熔断器主要用于太阳能发电系统中的电路保护，确保在发生过载或短路时，能够迅速切断电路，防止设备损坏和火灾隐患。

Photovoltaic fuses are mainly used for circuit protection in solar power generation systems, ensuring that the circuit can be quickly cut off in case of overload or short circuit, preventing equipment damage and fire hazards.

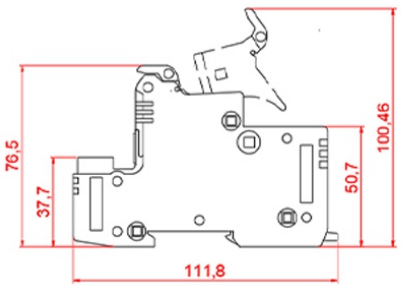
产品型号 Product model	熔断件额定电流 A Rated current of the fuse（A）	额定电压 Rated voltage	外形尺寸 Overall dimensions	开断电流 KA Breaking current（KA）
MGPV-1038	1、2、3、4、5、6、8、10、12、15、16、20、25、30、32	1000V DC	Φ10×38	25
MGPV-1065	1、2、3、4、5、6、8、10、12、15、20、25	1500V DC	Φ10×65	25
MGPV-1085	2、3、4、5、6、8、10、12、15、20、25、30、32	1500V DC	Φ10×85	25
MGPV-1485	2、3、4、5、6、8、10、12、15、20、25、30、32、40、50	1500V DC	Φ14×85	25
MGPV-1451	15、20、25、30、32、40、50	1000V DC	Φ14×51	25
MGPV-1451	15、20、25、30、32	1500V DC	Φ14×51	25
MGPV-2258	30、32、40、50、80、100	1500V DC	Φ22×58	25

MGPV-38 光伏熔断器底座
MGPV-38 Photovoltaic fuse base



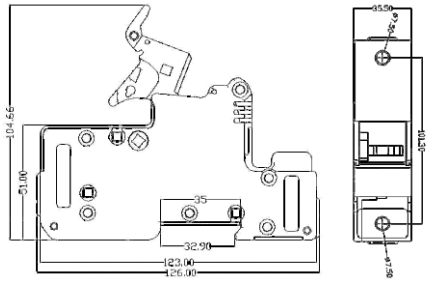








MGPV-51

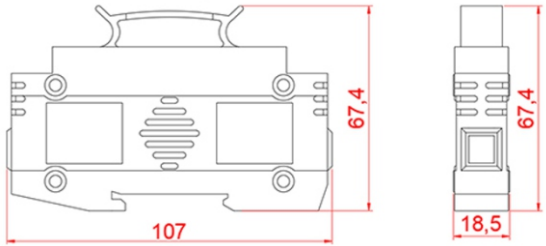




MGPV-58

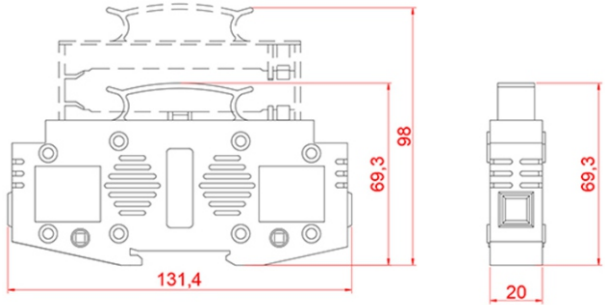


MGPV-65





MGPV-85



RSM□□□□ 充电桩熔断器
RSM□□□□ Charging pile fuse

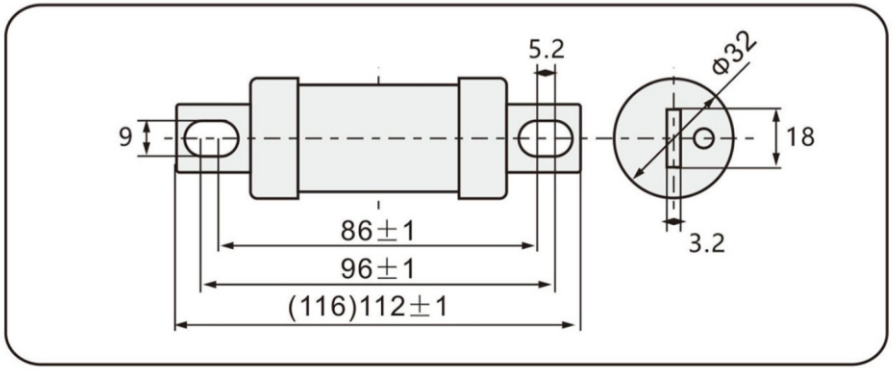


■ 概述 Overview

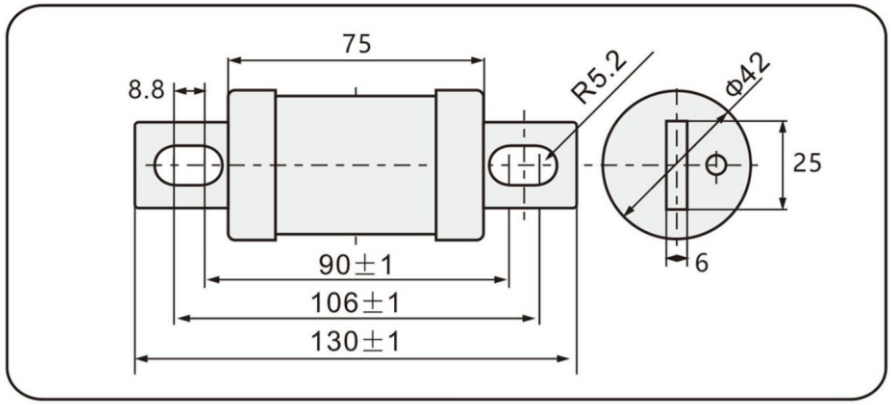
新能源充电桩熔断器是专门针对于车用系统保护用熔断器，适用于电动汽车作为车载蓄电池、车载线路系统中以及逆变器的综合保护，兼具过载和短路保护要求的全范围。

The fuse used in new energy vehicle charging stations is a specialized protective device engineered to ensure the safe operation of vehicle systems. It serves as a comprehensive protection solution for electric vehicles, providing reliable protection for on-board batteries, on-board circuitry, and inverters, while fully meeting requirements for overload and short-circuit protection across operational conditions.

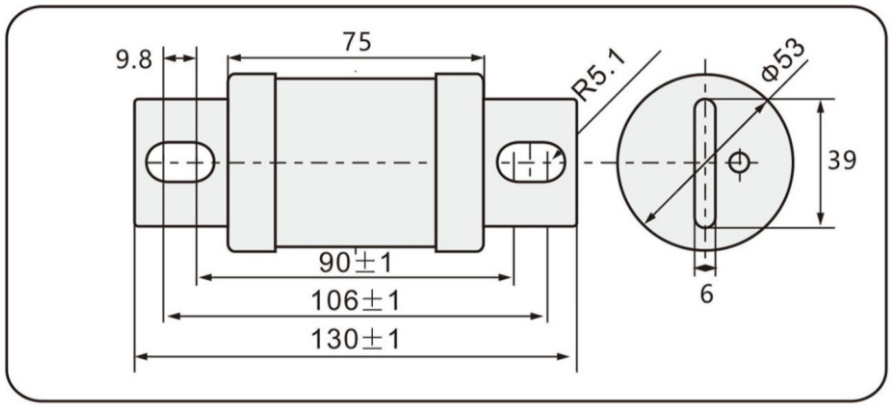
产品型号 Product model	额定电流 A Rated current（A）	$I^2t(A^2s)$ 弧前 Arc front	$I^2t(A^2s)$ 熔断 Fuse	功率 W Power（W）	安装尺寸 Installation dimensions
RSM3216-35A	35A	106	213	4	A1
RSM3216-40A	40A	170	355	7	
RSM3216-50A	50A	329	749	8	
RSM3216-63A	63A	587	1155	10	
RSM3216-80A	80A	918	1389	12	
RSM3216-100A	100A	1323	2483	17	
RSM3216-125A	125A	2358	3885	19	
RSM3216-160A	160A	3695	5597	24	
RSM3216-200A	200A	6265	9980	31	
RSM4230-250A	250A	12082	15638	35	A2
RSM4230-300A	300A	17100	25150	45	
RSM4230-350A	350A	23496	51131	50	
RSM4230-400A	400A	29576	76745	57	
RSM5230-450A	450A	37100	89418	65	A3
RSM5230-500A	500A	41200	93428	72	
RSM5230-600A	600A	49230	99700	83	



A1



A2



A3



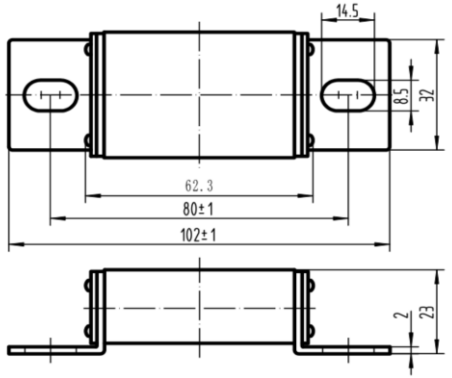
RSM□□□□L 充电桩熔断器
RSM□□□□L Charging pile fuse

新能源充电桩熔断器是专门针对于车用系统保护用熔断器，适用于电动汽车作为车载蓄电池、车载线路系统中以及逆变器的综合保护，兼具过载和短路保护要求的全范围。

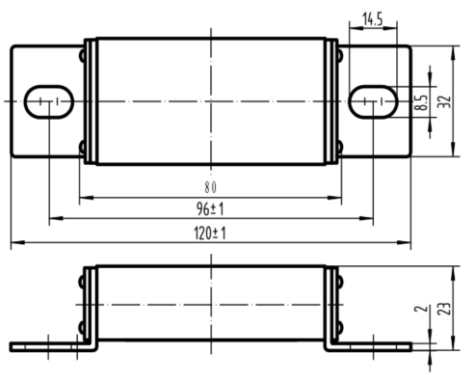
The fuse used in new energy vehicle charging stations is a specialized protective device engineered to ensure the safe operation of vehicle systems. It serves as a comprehensive protection solution for electric vehicles, providing reliable protection for on-board batteries, on-board circuitry, and inverters, while fully meeting requirements for overload and short-circuit protection across operational conditions.

产品型号 Product model	额定电流 Rated current	额定电压 Rated voltage	功率 Power
RSM2151L	20-275A	1000V	3-45W
RSM2168L	50-275A		3-45W
RSM3063L	50-400A		3-87W
RSM4360L	50-400A		3-87W
RSM4360LM	50-400A		3-87

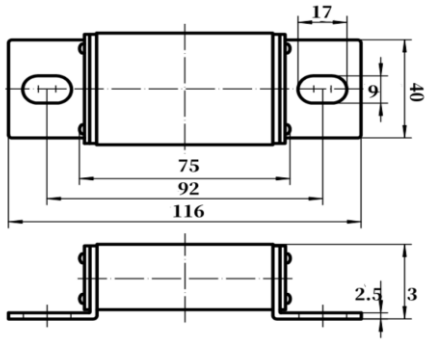
RSM2151L



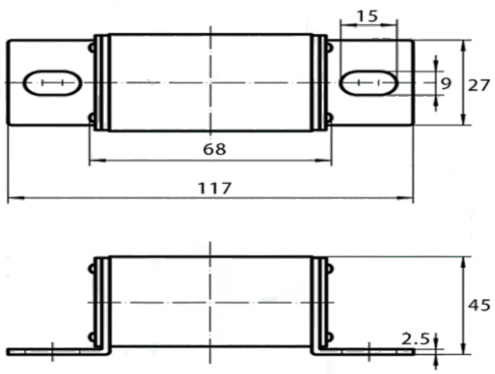
RSM2168L



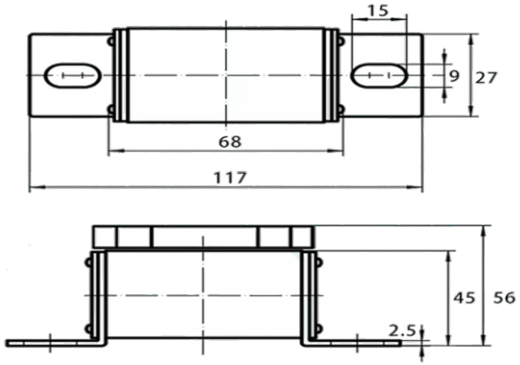
RSM3063L



RSM4360L



RSM4360LM





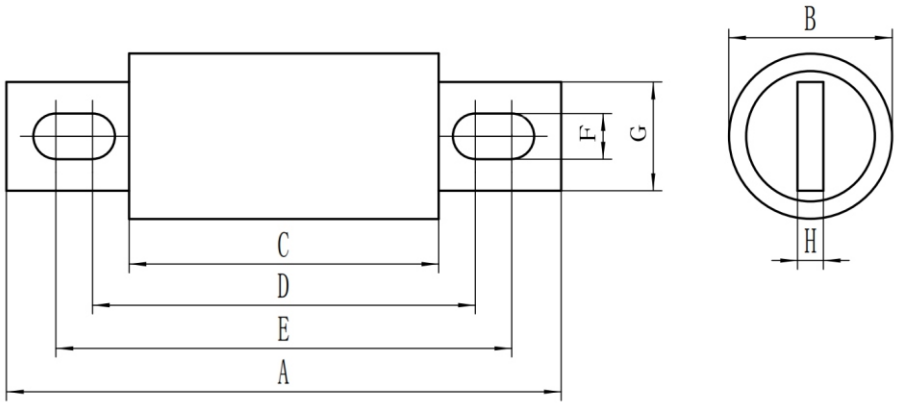
产品型号 Product model	额定电流 A Rated current（A）	安装 Installation
RSM2478	50A-125A	安装螺栓 M8
RSM3178	150A-200A	安装螺栓 M10
RSM3782	250A-400A	安装螺栓 M10
RSM4988	500A-600A	安装螺栓 M10
RSM6288	700A-800A	安装螺栓 M13

RSM□□□□ 充电桩熔断器
RSM□□□□ Charging pile fuse

新能源充电桩熔断器是专门针对于车用系统保护用熔断器，适用于电动汽车作为车载蓄电池、车载线路系统中以及逆变器的综合保护，兼具过载和短路保护要求的全范围。

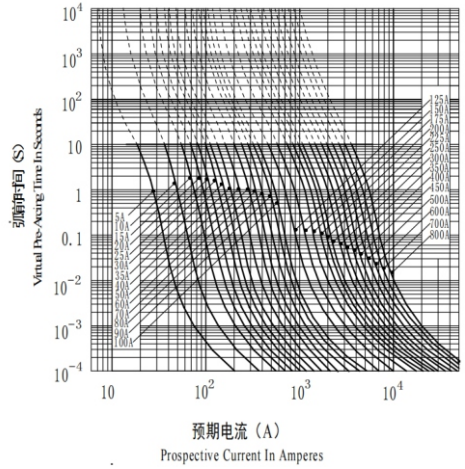
The fuse used in new energy vehicle charging stations is a specialized protective device engineered to ensure the safe operation of vehicle systems. It serves as a comprehensive protection solution for electric vehicles, providing reliable protection for on-board batteries, on-board circuitry, and inverters, while fully meeting requirements for overload and short-circuit protection across operational conditions.

■ 产品尺寸 Product size

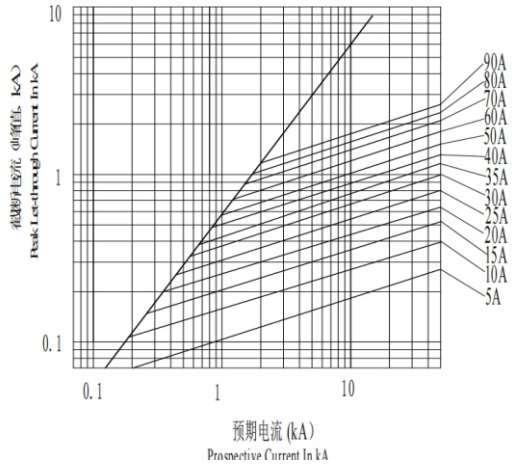


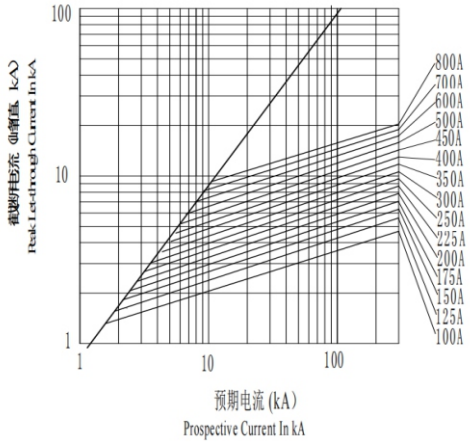
型号 model	A±2	B±0.5	C±1	D±1.5	E±1.5	F±1	G±1	H±0.2
RSM2478	124	24	78	95	109	9	18	3. 2
RSM3178	124	31	78	95	109	9	22	5
RSM3782	144	37	82	105	122	10.5	25	6
RSM4988	144	49	88	105	122	10.5	38	6
RSM6288	183	62	88	119.5	152	13.5	50	10

■ 时间-电流特性曲线 Time-current characteristic curve



■ 截断电流特性 Current cut-off characteristic





RGS□□快速熔断器
RGS□□Fast fuse

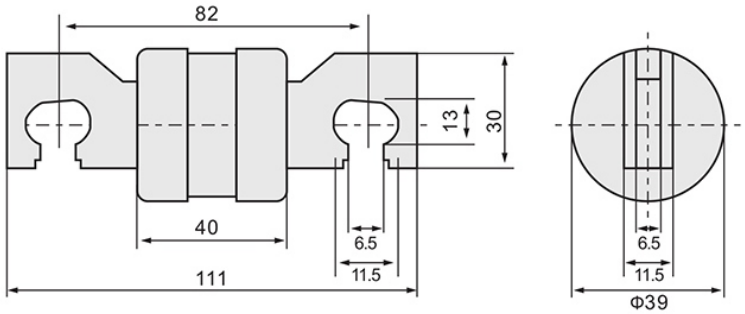


■ 概述 Overview

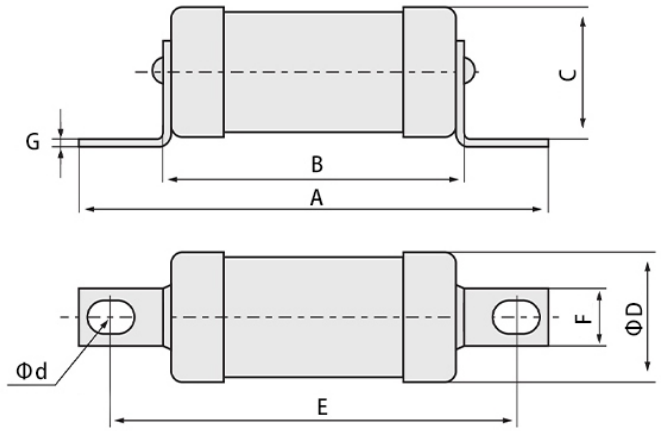
本系列熔断体适用于交流 50Hz、额定电压至 1200V、额定电流至 630A的电气装置中，有三种结构不同的熔体，一种作为电气线路的过载和短路保护(gG)；另一种作为半导体器设备的短路保护(aR)；还可派生为电动机短路保护(aM)。
本系列熔断体额定分断能力至 80kA。
本系列熔断体符合国家标准GB13539和国际电工委标准IEC60269。

This series of fuses are suitable for electrical installations with an AC frequency of 50Hz, a rated voltage up to 1200V, and a rated current up to 630A. There are three types of fuses with different structures. One is used for overload and short-circuit protection (gG) in electrical circuits. Another type as short-circuit protection (aR) for semiconductor equipment; It can also be derived as motor short-circuit protection (aM).The rated breaking capacity of this series of fuses is up to 80kA.This series of fuses comply with the national standard GB13539 and the International Electrotechnical Commission standard IEC60269.

RGS88尺寸图 Dimension drawing



其它型号尺寸图 Dimension diagrams of other models



产品型号 Product model	额定电压 Rated voltage	额定电流 Rated current	外形尺寸（mm）Overall dimensions								重量（g）Weight
			A	B	C	ΦD	E	F	H	Φd	
RGS4	AC690V/AC800V	10-100A	49.5	61	77	16.5	12.5	2.0	18	6.5x9	33.3
RGS4A	AC690V	125-200A	50	77	98	23.8	20	3	25.5	9x14	85.6
RGS4B	AC690V	225-315A	50.5	82	108	31	25	3	34	10.5X16	140.1
RGS7	AC690V	60-350A	55	80	180	38	25	3	39	10.5X16	205.8

RGS4底座 Base



RGS7底座 Base



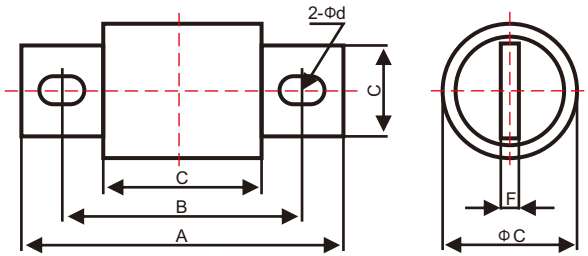
RS□□□快速熔断器
RS□□□Fast fuse

■ 概述 Overview

本系列熔断体适用于交流 50Hz、额定电压至1200V、额定电流至1250A,主要用在电气线路中作为半导体设备的短路保护(aR)。本系列熔断体额定分断能力至100kA。本系列熔断体符合国家标准GB13539.1、GB/T13539.4 和国际电工委标准IEC60269-1、IEC60269-4。

This series of fuses is suitable for AC circuits at 50 Hz, with a rated voltage of up to 1200 V and a rated current of up to 1250 A. These fuses are primarily used for short-circuit protection (aR) in semiconductor equipment within electrical circuits. The rated breaking capacity of this fuse series reaches 100 kA. This product complies with national standards GB 13539.1 and GB/T 13539.4, as well as international standards IEC 60269-1 and IEC 60269-4 issued by the International Electrotechnical Commission.





产品型号 Product model	额定电压 Rated voltage	额定电流 Rated current	外形尺寸（mm） Overall dimensions							重量（g） Weight
			A	B	C	ΦD	E	F	Φd	
RS94A	250	40-200	70	52	32	28	22	5	8.2x12	98
RS94C	250	40-200	80	62	43	28	22	5	8.2x12	106
RS94D	250	30-200	80	57	26	29	22	5	8.2x12	120
RS94E	250	30-200	80	60	41	31	24	5	8.2x12	142
RS94F	250	40-200	80	58	38	33	25	5	8.2x12	135
RS94G	250	40-250	88	62	42	36	26	5	10.2x15	202.5
RS94H	250	30-150	70	53	27	22	16	5	8.2x12	82
RS94J	250	40-160	67	51	26	26	19	3.5	8.2x12	102
RS95A	500/660	50-200	91	72	54	28	22	5	8.2x12	112.5
RS95B	500/660	50-200	92	73	54	31	25	5	8.2x12	150
RS95C	500/660	50-100	92	73	54	26	19	5	8.2x12	114
RS95D	500	100-200	92	72	45	30	25	5	8.2x12	149
RS95E	500/660	40-200	92	75	54	26	19	6	8.2x12	155
RS95F	500/660	50-160	93	82	48	26	19	5	8.2x12	145
RS95FS	500	100	100	75	53	31	25	3	8.2x12	124
RS95G	500/660	50-200	93	75	53	31	25	5	8.2x10	128
RS95H	250	200-250	96	70	42	36	26	5	10.2x15	193

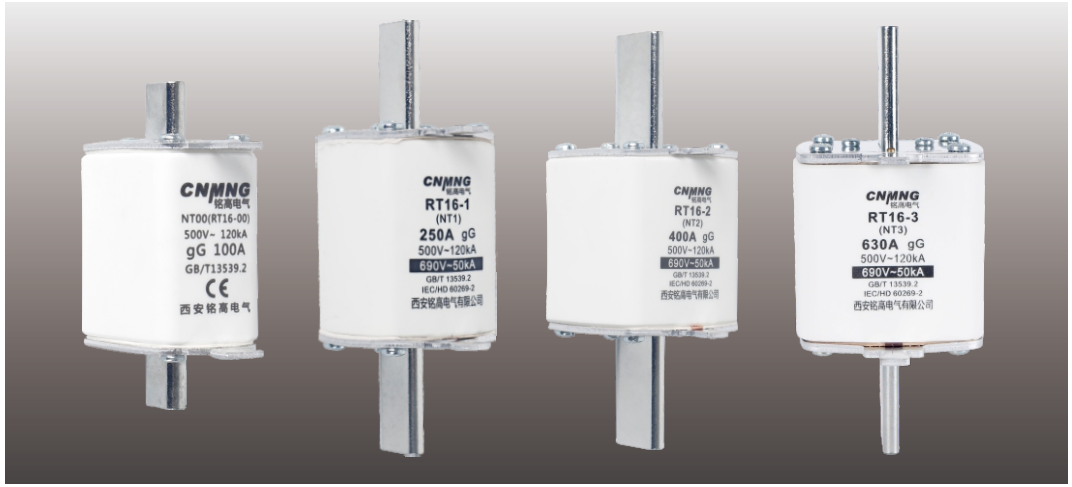
产品型号 Product model	额定电压 Rated voltage	额定电流 Rated current	外形尺寸（mm） Overall dimensions							重量（g） Weight
			A	B	C	ΦD	E	F	Φd	
RS95K	250	250-400	98	70	38	47	32	5	10.2x15	320
RS95L	700	100-200	127	108	89	31	25	5	8.2x12	195
RS95M	500	50-200	110	81	50	31	25	5	8.2x10	165
RS95N	700	50-160	128	101	75	25	20	6	10.5x15	172
RS95P	250	250-315	98	68	41	38	25	6	10.5x18	218
RS95Q	500	50-160	110	95	75	25	18	5	6.2x10	148
RS95R	700	35-100	110	84	50	31	25	6	8.2x18	160
RS95S	250	160-250	100	65	30	36	30	6	10.5x15	188
RS95T	500/660	100-200	112	87	52	27	21	5	10x18	210
RS95U	500	100	100	82	48	26	19	5	8.2x12	148
RS95V	600	100-160	128	98	60	25	19	3	10.2x15	262
RS95W	500	40-200	129	96	53	34	24	6	12x20	183
RS96A	250	200-300	100	70	40	40	26	6	10.5x18	230
RS96B	500/660	200-315	110	83	53	38	26	6	10.5x18	240.5
RS96C	500/660	100-160	112	92	72	25	20	6	10.5x15	125
RS96D	500/660	75-200	112	90	60	36	26	5	10.5x15	241
RS96E	500/660	200	112	93	73	31	25	5	7x9.5	166
RS96F	500/660	200-400	113	87	70	40	26	6	10.5x15	255
RS96G	500/660	400-500	114	87	56	51	38	6	10.5x15	437
RS96GK	250	400-500	97	67	38	51	36	8	11x17	198
RS9H	500/660	200	117	92	67	28	22	3	7x9.5	132
RS96K	500/660	200-400	117	80	52	40	32	6	10.5x15	280
RS96L	500/660	200-315	117	89	57	37	30	6	10.5x15	280
RS96M	500	50-200	135	113	67	34	20	5	8.2x12	196
RS96N	500	350-315	115	87	58	39	26	6	10.5x18	245
RS96P	700	125-200	130	90	50	38	25	6.3	10.5x26	250
RS96Q	250	315-400	100	71	38	43	35	9	10.5x15	195
RS96R	500/660	35-300	113	83	53	40	30	6.5	12.2x18	197
RS96S	250	40-200	95	68	40	27	20	5	9x18	153
RS97A	500/660	300-500	120	90	58	46	32	6	10.5x18	450
RS97B	500/660	50-200	126	100	74	38	26	6	10.5x18	295
RS97C	500/700	350-500	128	98	70	51	38	6	10.5x18	460
RS97D	500/700	200-315	130	98	72	38	26	6	10.5x18	288
RS97E	500/660	200-315	145	111	77	38	29	5	7x11	300
RS97F	500/660	200-400	145	105	76	41	28	8	10.5x18	355
RS97G	500/660	200-400	146	110	76	41	29	5	7x9.5	341
RS97H	500/660	200-400	146	110	75	48	36	8	12.5x18	520
RS97K	500/660	200-400	130	100	70	53	42	8	14.2x18	480
RS97L	500	200-400	125	103	48	51	38	6	10.5x18	420
RS97M	500	400-500	145	102	53	51	38	6.3	14.5x30	465
RS97N	500/660	200-315	145	113	88	38	25	6.3	10.5x18	353

■ 概述 Overview

本系列熔断体适用于交流 50Hz、额定电压至 1000V、额定电流至 1250A，主要用在电气装置中作线路过载和适中保护(gG/gL)；还可派生为导体器件及其成套装置的适中保护(aR)以及电动机短路保护(aM)。
本系列熔断体额定分断能力至 120kA。
本系列熔断体符合国家标准GB13539和国际电工委标准IEC60269。

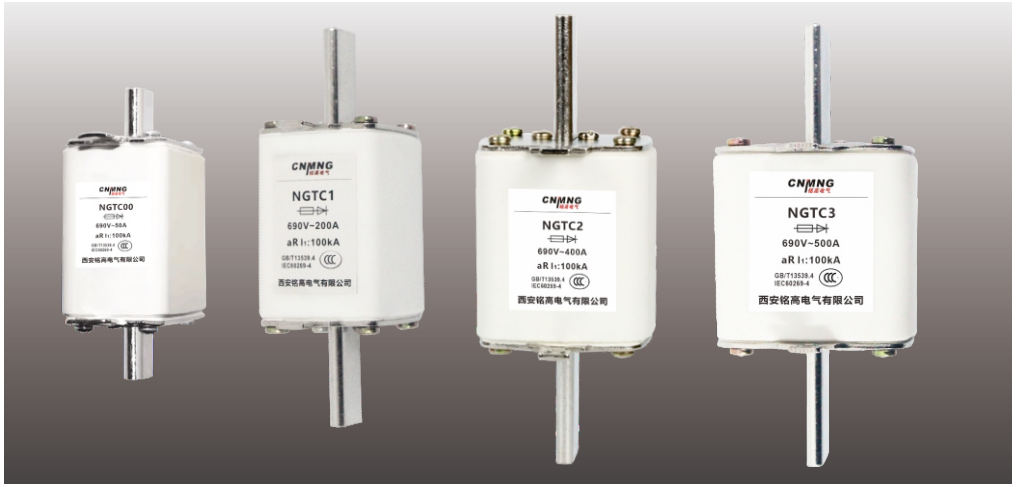
This series of fuses are suitable for AC 50Hz, rated voltage up to 1000V, and rated current up to 1250A. They are mainly used in electrical installations for line overload and moderate protection (gG/gL). It can also be derived as moderate protection (aR) for conductor devices and their complete sets of equipment, as well as short-circuit protection (aM) for motors.The rated breaking capacity of this series of fuses is up to 120kA.This series of fuses comply with the national standard GB13539 and the International Electrotechnical Commission standard IEC60269.

NT□刀型熔断器
NT□Knife-shaped fuse

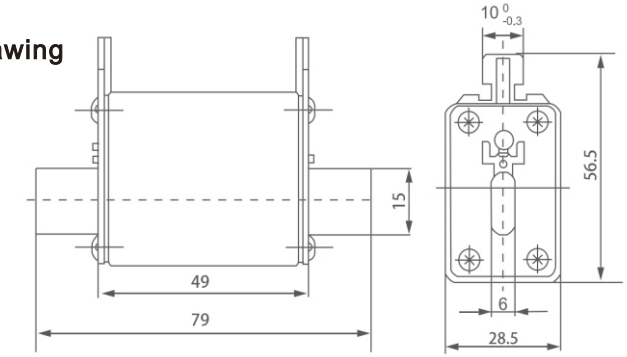


产品型号 Product model		额定电压 Rated voltage	额定电流 Rated current	外形尺寸（mm） Overall dimensions（mm）					
普通 Ordinary	快速 Fast			A1	A2	B1	B2	C	H
NT00	NGTC00	AC500/690V	4-160A						
NT1	NGTC1	AC500/690V	80-250A	68	135	6	48	20	60
NT2	NGTC2	AC500/690V	125-400A	68	150	6	58	25	70
NT3	NGTC3	AC500/690V	315-630A	68	150	6	67	32	82

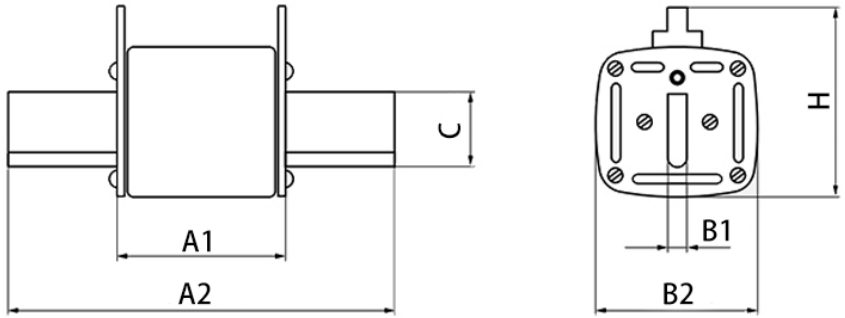
NGTC□刀型熔断器
NGTC□Knife-shaped fuse



NT00尺寸图
NT00Dimension drawing



NT1/NT2/NT3尺寸图
NT1/NT2/NT3Dimension drawing

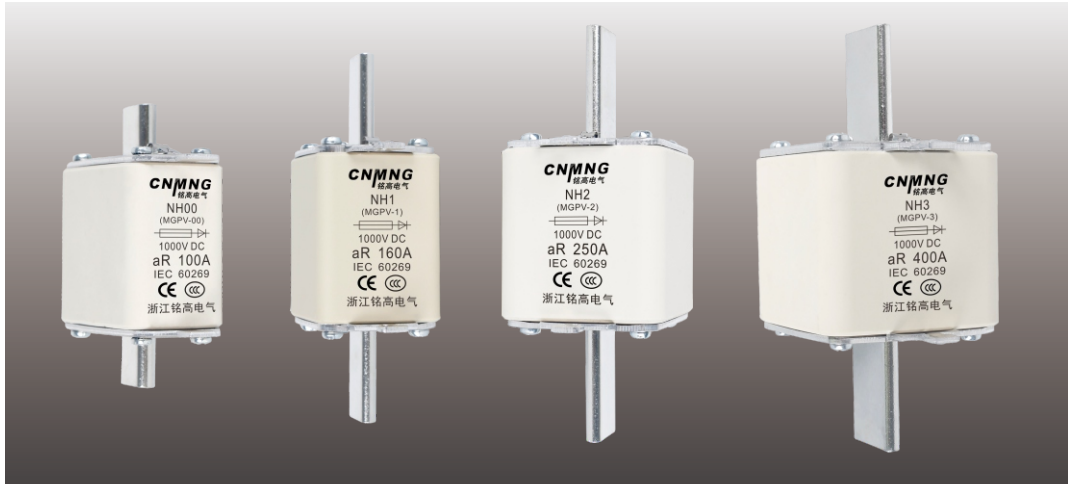


■ 概述 Overview

本系列熔断体适用于交流 50Hz、额定电压至 1000V、额定电流至 1250A，主要用在电气装置中作线路过载和适中保护(gG/gL);还可派生为导体器件及其成套装置的适中保护(aR)以及电动机短路保护(aM)。
本系列熔断体额定分断能力至 120kA。
本系列熔断体符合国家标准GB13539和国际电工委标准IEC60269。

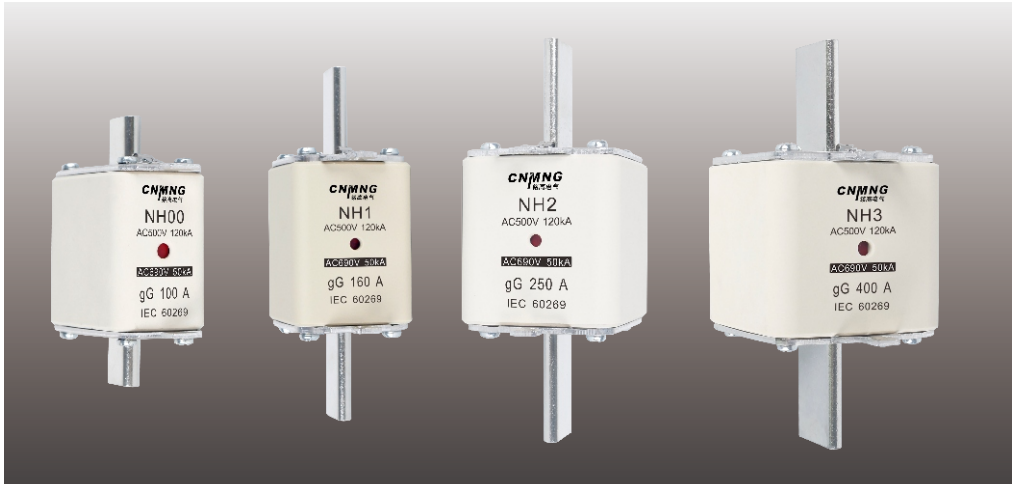
This series of fuses are suitable for AC 50Hz, rated voltage up to 1000V, and rated current up to 1250A. They are mainly used in electrical installations for line overload and moderate protection (gG/gL). It can also be derived as moderate protection (aR) for conductor devices and their complete sets of equipment, as well as short-circuit protection (aM) for motors.The rated breaking capacity of this series of fuses is up to 120kA.This series of fuses comply with the national standard GB13539 and the International Electrotechnical Commission standard IEC60269.

NH□刀型熔断器
NH□Knife-shaped fuse

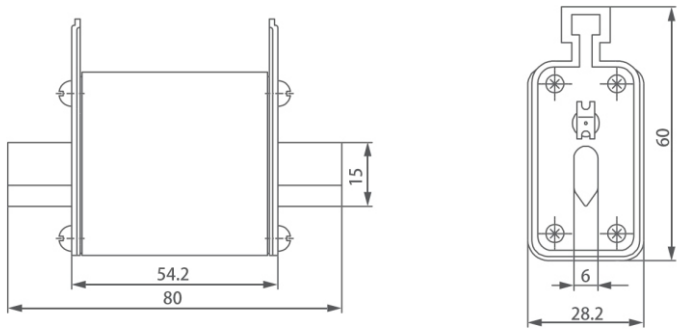


产品型号 Product model		额定电压 Rated voltage	额定电流 Rated current	外形尺寸（mm） Overall dimensions（mm）					
普通 Ordinary	双指示 Double indication			A	B	C	H	D1	D2
NH00	NH00	500-1000V	32-160A						
NH1	NH1	500-1000V	160-250A	134	72	20	60.5	48	6
NH2	NH2	500-1000V	250-400A	148.5	68.5	25	75	60	6
NH3	NH3	500-1000V	400-630A	150	68	32	86	65	6

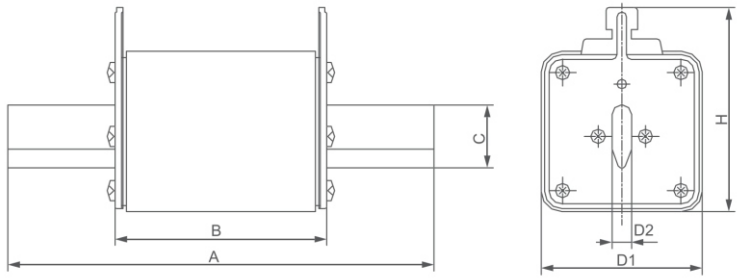
NH□双指示刀型熔断器
NH□Double-indication knife-type fuse



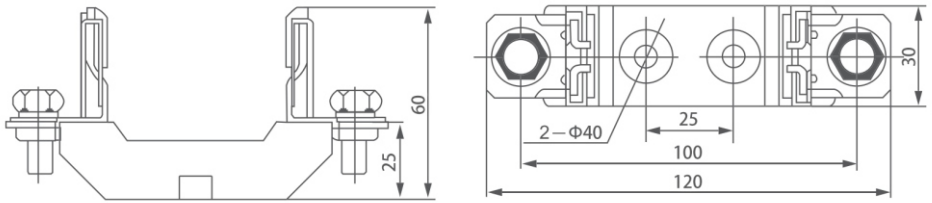
NH00尺寸图
NH00Dimension drawing



NT1/NT2/NT3尺寸图
NT1/NT2/NT3Dimension drawing



刀型熔断器底座
Knife-shaped fuse base

外形尺寸详见P42 Dimensions see P42	产品型号 Model	配装熔断体 Install fuses	Rated voltage	尺寸图 Dimension drawing
	RSM-NT00-B RSM-NGTC00-B RSM-NH00-B	RSM-NT00 RSM-NGTC00 RSM-NH00	500V/690V	

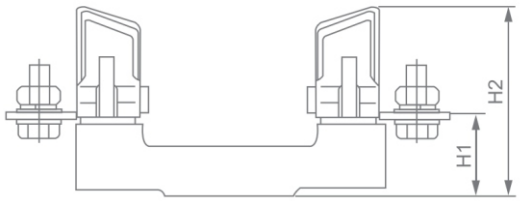


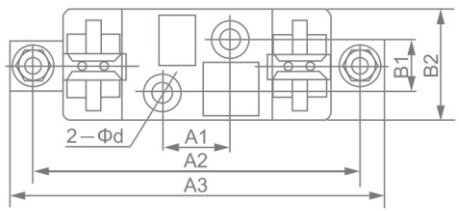


RSM-NT00/NGTC00/NH00-3B

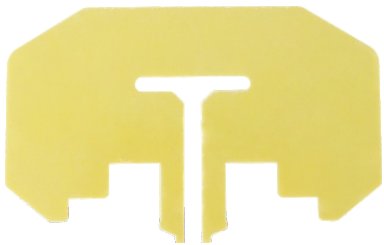


RSM-NT00/NGTC00/NH00-4B





产品型号 Product model	额定电压 Rated voltage	约定发热电流 Agreed heating current	外形尺寸（mm） Overall dimensions（mm）							
			A1	A2	A3	B1	B2	H1	H2	Φd
NT1/NH1/NGTC1	500/690V	250A	25	175	197	25	56	32	80	10.5
NT2/NH2/NGTC2	500/690V	400A	25	200	225	25	61	35	95	10.5
NT3/NH3/NGTC3	500/690V	630A	25	210	251	40	61	35	100	10.5
NT4/NH4/NGTC4	500/690V	1000A	44	260	309	45	87	40	140	10.5



绝缘挡板
Insulating baffle



插拔手柄
Plug and unplug the handle

RSM□□储能熔断器
RSM□□Energy storage fuse

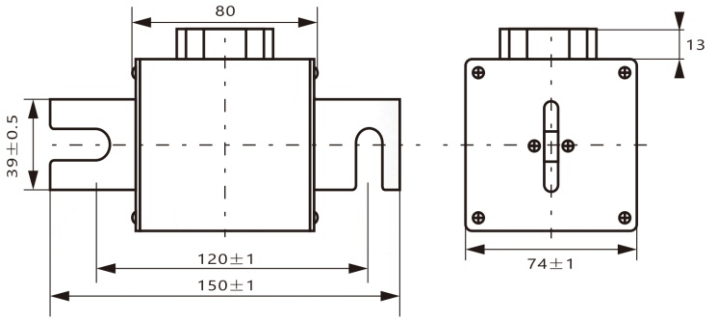


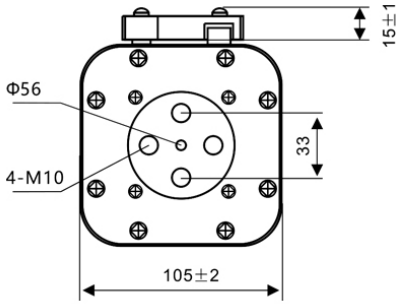
■ 概述 Overview

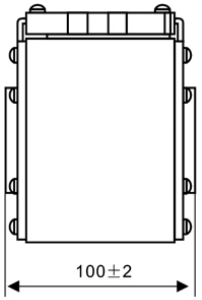
储能系统（Energy Storage System，简称 ESS）是一个可完成存储电能和供电的系统，具有平滑过渡、削峰填谷、调频调压等功能。由储能电池系统（BESS）、变流器系统（PCS）和电池管理系统及其它控制装置。熟知的电力类熔断器及开关类器件产品将主要应用于储能系统中的储能电池系统及变流器系统中。

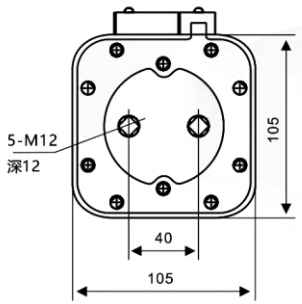
An Energy Storage System (ESS) is a technology designed to store electrical energy and deliver power when needed. It serves multiple functions, including load leveling, peak shaving and valley filling, as well as frequency and voltage regulation. The system typically comprises an energy storage battery system (BESS), a power conversion system (PCS), a battery management system (BMS), and other auxiliary control components. Notably, critical protective devices such as power fuses and switching equipment are primarily deployed within the battery system and power conversion system of the ESS.

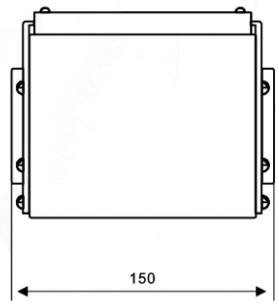
产品型号 Product model	额定电压 Rated voltage	额定电流 Rated current	分段能力 Segmentation ability
RSM-200	2000V	200	200KA
RS8-2000	1000V	2000A	200KA
RSM-800	2000V	800A	200KA
RSM-1600	2000V	1600A	200

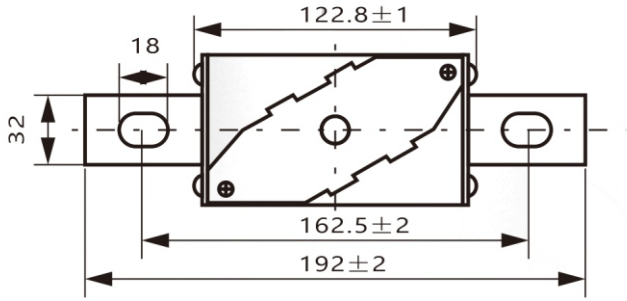


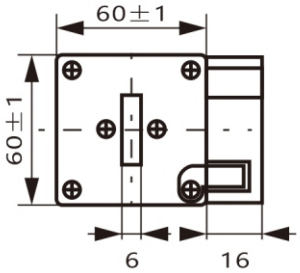


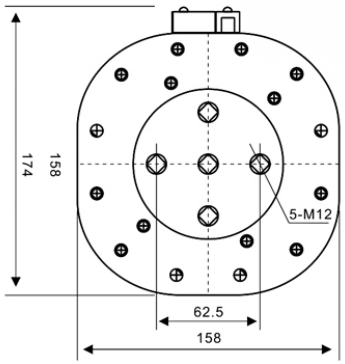


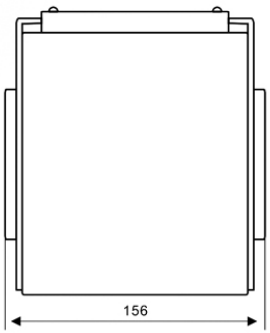














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