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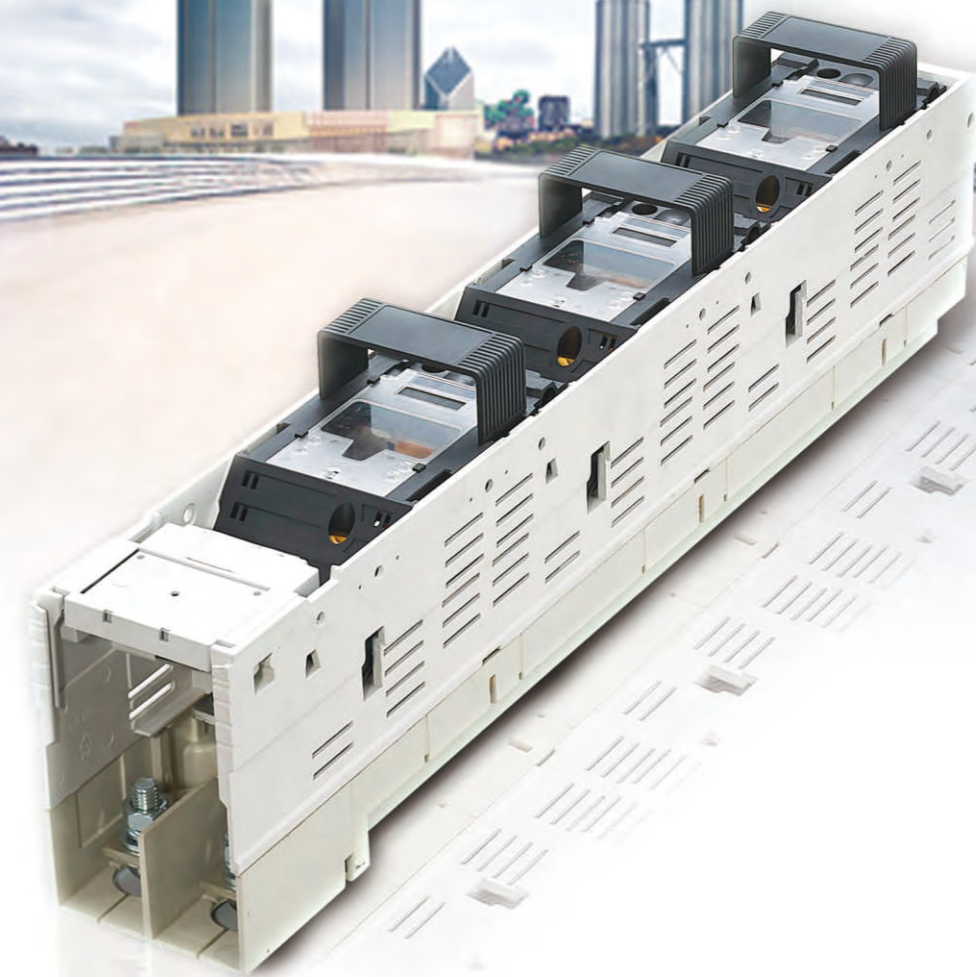
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LMHR 母线系统

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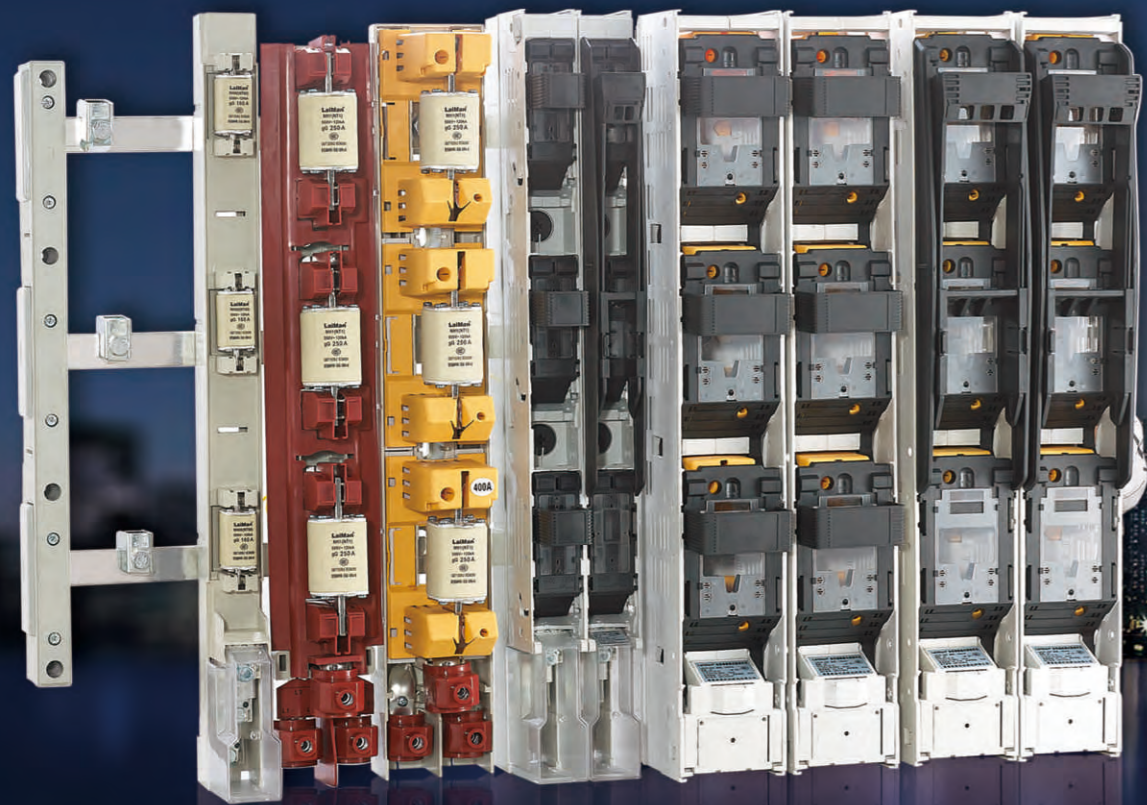
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11项专利

18年倾力打造

莱曼电器 像做艺术品一样做条形开关



LMHR 条形熔断器式隔离开关

让我们  
创造条开历史

国内首家条形隔离开关生产出口商,中国独家欧洲联盟会员.全新LMHR系列条形熔断器式隔离开关,再次成为国内条开新起点;最为先进国际技术,国家电网远程控制趋势的急需品,再一次创造条形熔断器式隔离开关在国内应用范围.

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LMHR 隔离开关

德国品质 服务百年





莱曼电器

让您省心省力省钱  
就是我们存在的价值



LMHR SMC分支箱成套运用

让我们  
革新技术与细节

凝视，触摸品质的高贵，触摸发现操作的流畅。  
全新的SMC分支箱成套运用，让每一次的革新  
都换为一种体验；SMC玻璃纤维增强不饱和聚  
酯的材质应用，让用户操作更安全。

浙江莱曼电器有限公司  
ZHEJIANG LAIMAN ELECTRICAL CO.,LTD





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## 公司简介

Company Introduction

浙江莱曼电器有限公司创建于2000年，服务于国家电网工程，专注于条形隔离开关的研发，设计，生产及国内外销售，莱曼的衍生将带动新一轮条开技术革新，将成为国家电网和国内市场中坚力量。

十余年的国外市场销售，LaiMan品牌已得到国际认可，服务致德国，波兰，捷克，西班牙，土耳其，印度，马来西亚等数十国家的政府项目工程。随着国内市场发展需求的崛起，和作为国人企业的责任，莱曼能源科技有限公司很荣幸在政府的支持下成为国内条开技术的实践者和领航者。公司严格按照ISO9001质量管理体系标准运行,所有面向市场的产品通过CE认证,CCC,并以机制企业文化辅助生产管理,统一目标,并肩发展。

Zhejiang Laiman Electrical Co.,Ltd founded in 2000,serving the national grid project, focusing on the bar of isolating switch research and development, design,production and sales both at home and abroad, a derivative of lehman will drive the article a new round of technological innovation, will become a national power grid, and in the domestic marketStrong power.

Foreign market sales for more than a decade, LaiMan has been recognized by the international brand, service to Germany, Poland, the Czech republic, Spain, Turkey, India, Malaysia and other dozens of countries government projects. With the rise of domestic market demand, and as a Chinese companyThe responsibility of the industry, Lyman energy science and technology co., LTD. Is a great honor to be a practitioner and pilot in the country with the support of the government. The company strictly follows the ISO9001 quality management system standard, all the products for the market pass CE certification, CCC, and the mechanism enterpriseIndustry and culture auxiliary production management, unified target, side-by-side development.

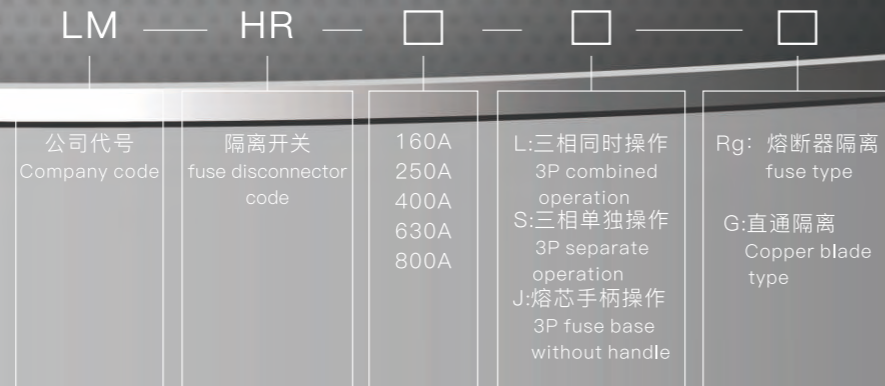




# LMHR 条形熔断器式隔离开关

LMHR strip type fuse switch disconnecter

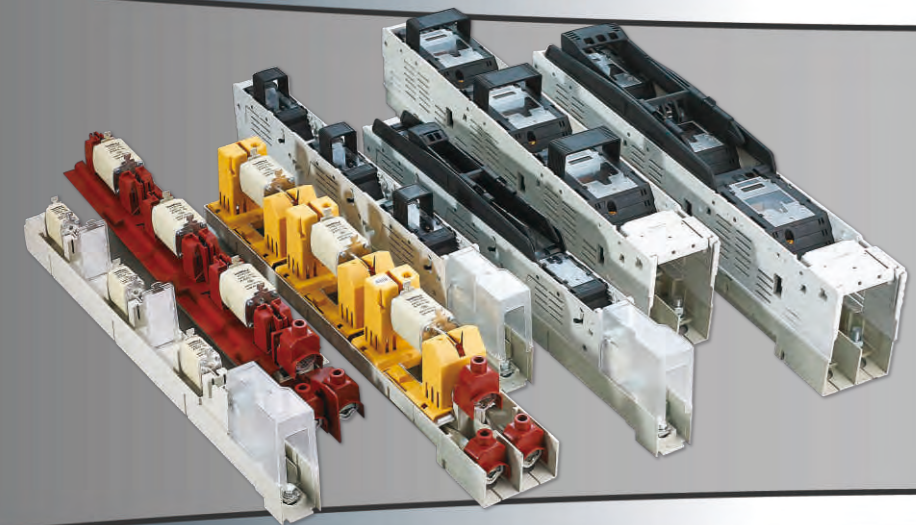
型号示意 Models indicated



如：LMHR-160L/RG 表示160A3相连体操作熔断器型隔离开关

LMHR系列熔断器式隔离开关（条形）首创电流互感器和与熔断器开关一体化，适用于额定电流160A-630A，额定频率50/60Hz。该系列产品模块化，体积小，使用安全可靠，应用在低压配电柜中有极高的装容密度，显示出很高的经济性、安全性和应变性，不仅具有开关、保护功能，还可以扩展其他功能，不单纯是一种开关形式，更重要的是它是一种完整的智能化系统，广泛应用于电缆分支箱、箱式变电站、工厂、小区等，是未来配电领域的一个趋势。

LMHR series fuse switch disconnecter is integrated with initiating current transformer and fuse switch. The current is 160A-630A, rated frequency 50, 60Hz. This fuse switch disconnecter provide reliable overload and short-circuit protection for industrial plants or infrastructure, and are suitable for use in various industries. So it has been widely used for distribution facility such as cable branch box, box transformer, factory, and community etc. It will be a trend in the field of power distribution in the future.



## 适用环境

- 1、开关安装地点的海拔不超过2000m。
- 2、开关的安装地点环境污染等级为3级。
- 3、开关的安装类别为Ⅲ类。
- 4、开关安装在无震动与冲击的地方。

## Applied environment

- 1、The location of the switch installation is no more than 2000m.
- 2、The level of environmental pollution of the switch is grade 3.
- 3、The installation category of the switch is class III.
- 4、The switch is installed in a place where there is no vibration or shock.

## 条形开关特点

- 1、联体可三同时闭合、断开；分体可单相操作；
- 2、操作更安全，熔芯安装于手柄，并可直接作为触头刀片使用；
- 3、美现实用，座、体拆卸方便，与箱体安装快捷，施工方便；
- 4、减少布线，便于增加回路。增加箱体使用率；
- 5、树脂玻璃纤维底座，V0级别阻燃性，外壳防护等级可达P30；
- 6、堆新产品，h场他用半照7I投标制定款式；
- 7、瞬时分断力可达100KA，带负荷操作能力可达1.3倍额定电流；
- 8、可加装熔丝监测器、信号开关及远程控制模块。

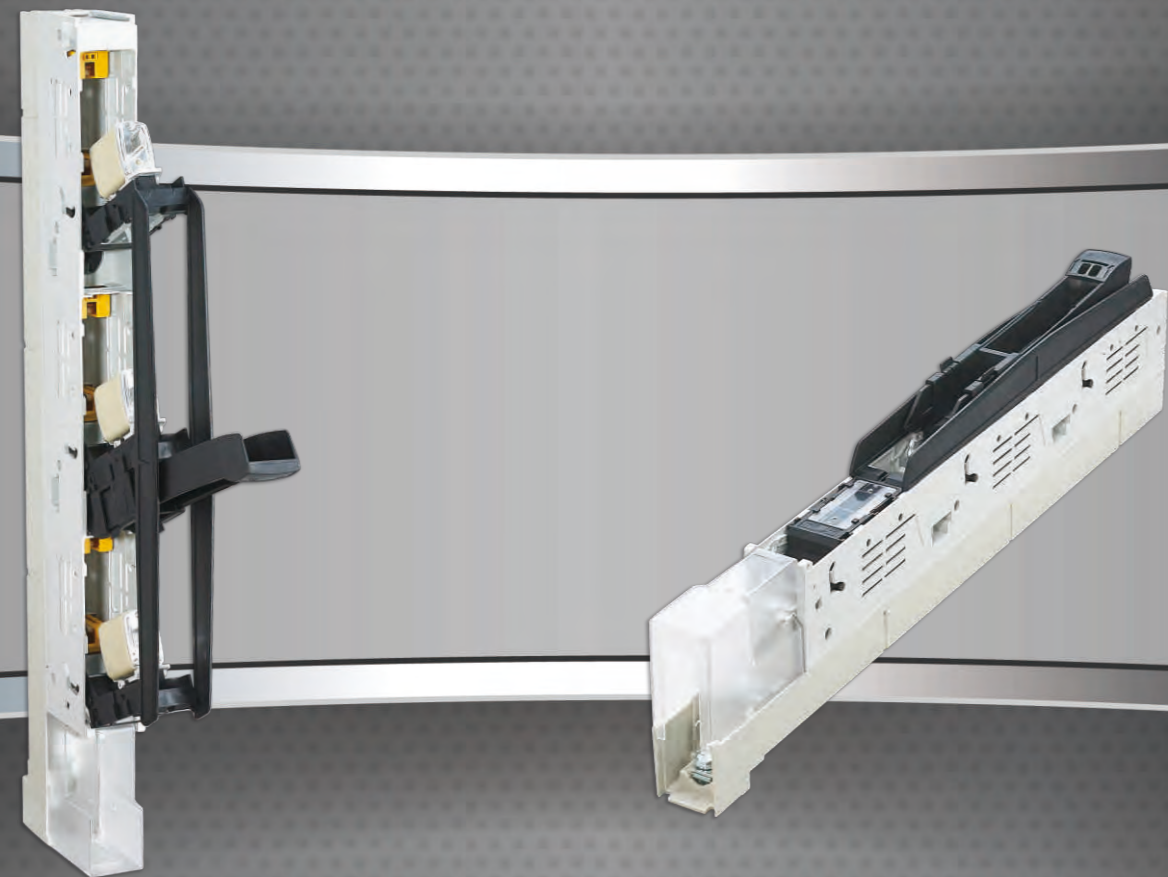
## The characteristics of fuse switch disconnecter

- 1、union can be closed and broken at the same time. The split can be made by single phase;
- 2、the operation is safer, the core is mounted on the handle, and can be used directly as contact blades;
- 3、beauty body seat, practical, convenient disassembly, and the quick installation, construction million;
- 4、reduce wiring, easy to increase the loop. Increase the use rate of the box;
- 5、resin glass fiber base, V0 grade flame retardant, and the protection grade of shell can reach P30;
- 6、new products, H field, he used semi tender 7I bid to develop styles.
- 7、instantaneous time off up to 100KA, with a load capacity of up to 1.3 times of rated current;
- 8、can add fuse monitor, signal switch and remote control module.





LMHR 联体条形熔断器式隔离开关  
LMHR series strip type fuse switch disconnect



LMHR-160L

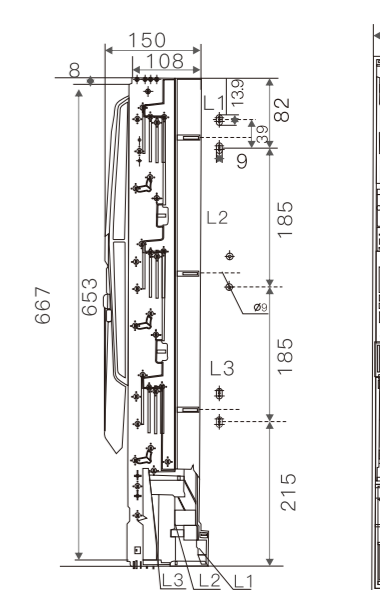
技术参数  
Technical Parameters

类型 Model	LMHR-160L		
额定工作电压(Ue) Rated operational voltage	380V、500V、690V		
额定工作电流(Ie) Rated operational current	160A		
熔断器型号 Fuse size	00		
额定频率(Hz) Rated frequency	50/60		
额定绝缘电压(Ui) Rated insulation voltage	1000V		
额定冲击耐受电压(Uimp) Rated impulse withstand voltage	10Kv		
防护等级 Degree Of Protection	IP30		
机械寿命 Mechanical life	1500		
接线面积 Wire specifications	70mm <sup>2</sup>		
默认接线方式 Default connection mode	螺丝型 Screw type with Cable lug		
其他接线方式 Other connection mode	接线夹 V-Clamps		
安装方式 Installation method	螺丝固定、挂钩 Screw & Hook		
应用类别 Use classes	380V	500V	690V
	AC23B	AC22B	AC21B

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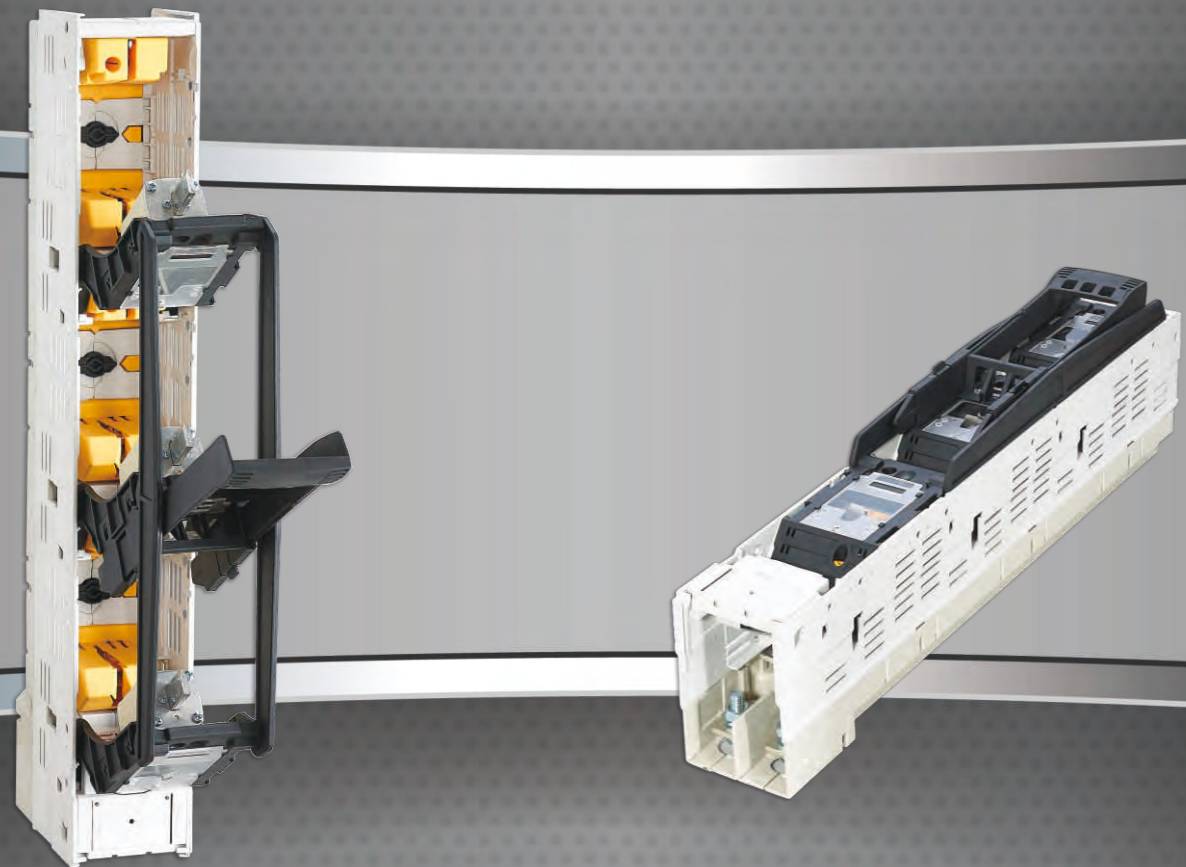


安装尺寸  
Installation dimension





LMHR 联体条形熔断器式隔离开关  
LMHR series strip type fuse switch disconnecter



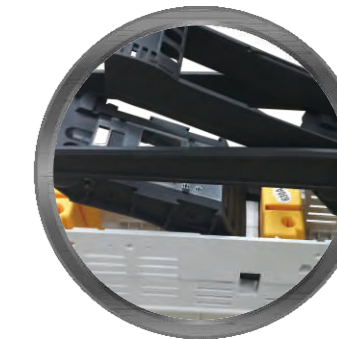
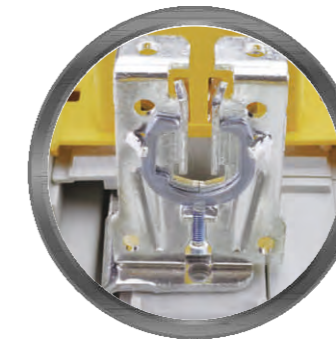
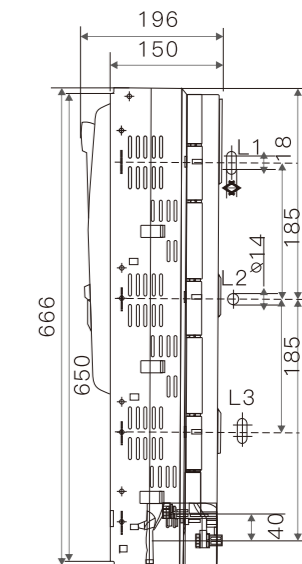
LMHR-250L、400L、630L

技术参数  
Technical Parameters

类型 Model	LMHR-250L			LMHR-400L			LMHR-630L		
额定工作电压(Ue) Rated operational voltage	380V、500V、690V								
额定工作电流(Ie) Rated operational current	250A			400A			630A		
熔断器型号 Fuse size	1			2			3		
额定频率(Hz) Rated frequency	50/60			50/60			50/60		
额定绝缘电压(Ui) Rated insulation voltage	1000V			1000V			1000V		
额定冲击耐受电压(Uimp) Rated impulse withstand voltage	10Kv			10Kv			10Kv		
防护等级 Degree Of Protection	IP30			IP30			IP30		
机械寿命 Mechanical life	1200			1200			1200		
接线面积 Wire specifications	120mm <sup>2</sup>			240mm <sup>2</sup>			300mm <sup>2</sup>		
默认接线方式 Default connection mode	螺丝型 Screw type with Cable lug								
其他接线方式 Other connection mode	接线夹 V-Clamps								
安装方式 Installation method	螺丝固定、挂钩 Screw & Hook								
应用类别 Use classes	380V	500V	690V	380V	500V	690V	380V	500V	690V
	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B

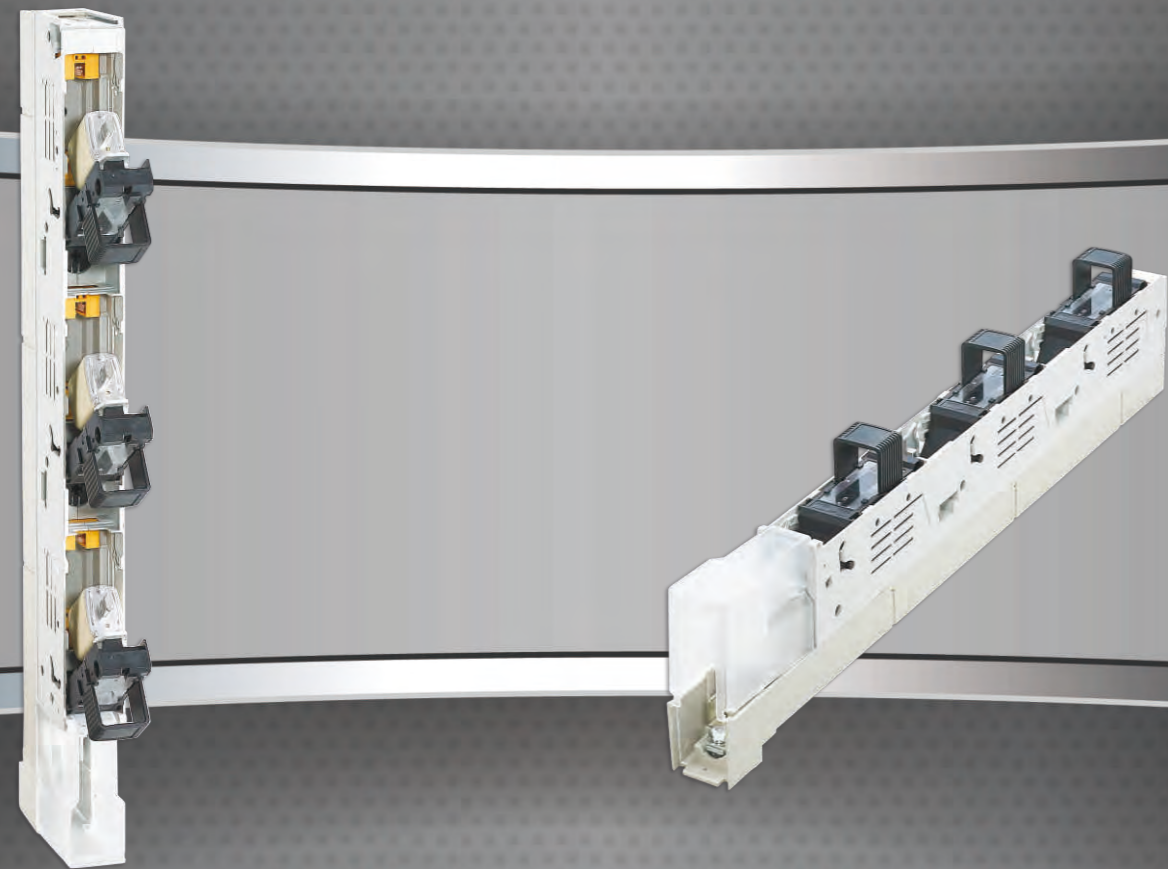
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安装尺寸  
Installation dimension





LMHR 分体条形熔断器式隔离开关  
LMHR series strip type fuse switch disconnect



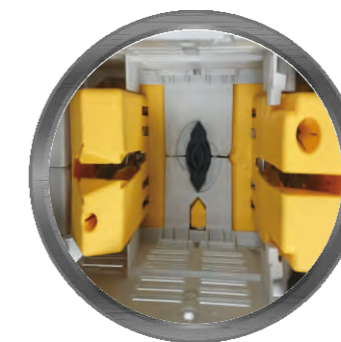
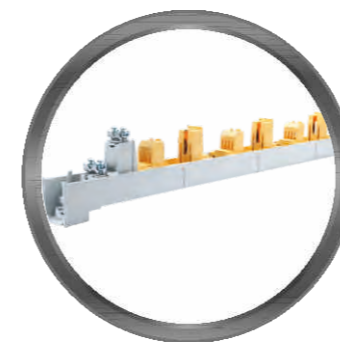
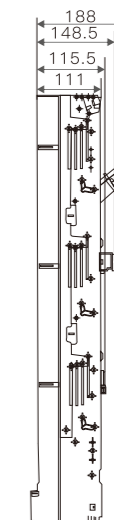
LMHR-160S

技术参数  
Technical Parameters

类型 Model	LMHR-160S		
额定工作电压(Ue) Rated operational voltage	380V、500V、690V		
额定工作电流(Ie) Rated operational current	160A		
熔断器型号 Fuse size	00		
额定频率(Hz) Rated frequency	50/60		
额定绝缘电压(Ui) Rated insulation voltage	1000V		
额定冲击耐受电压(Uimp) Rated impulse withstand voltage	10Kv		
防护等级 Degree Of Protection	IP30		
机械寿命 Mechanical life	1500		
接线面积 Wire specifications	70mm <sup>2</sup>		
默认接线方式 Default connection mode	螺丝型 Screw type with Cable lug		
其他接线方式 Other connection mode	接线夹 V-Clamps		
安装方式 Installation method	螺丝固定、挂钩 Screw & Hook		
应用类别 Use classes	380V	500V	690V
	AC23B	AC22B	AC21B

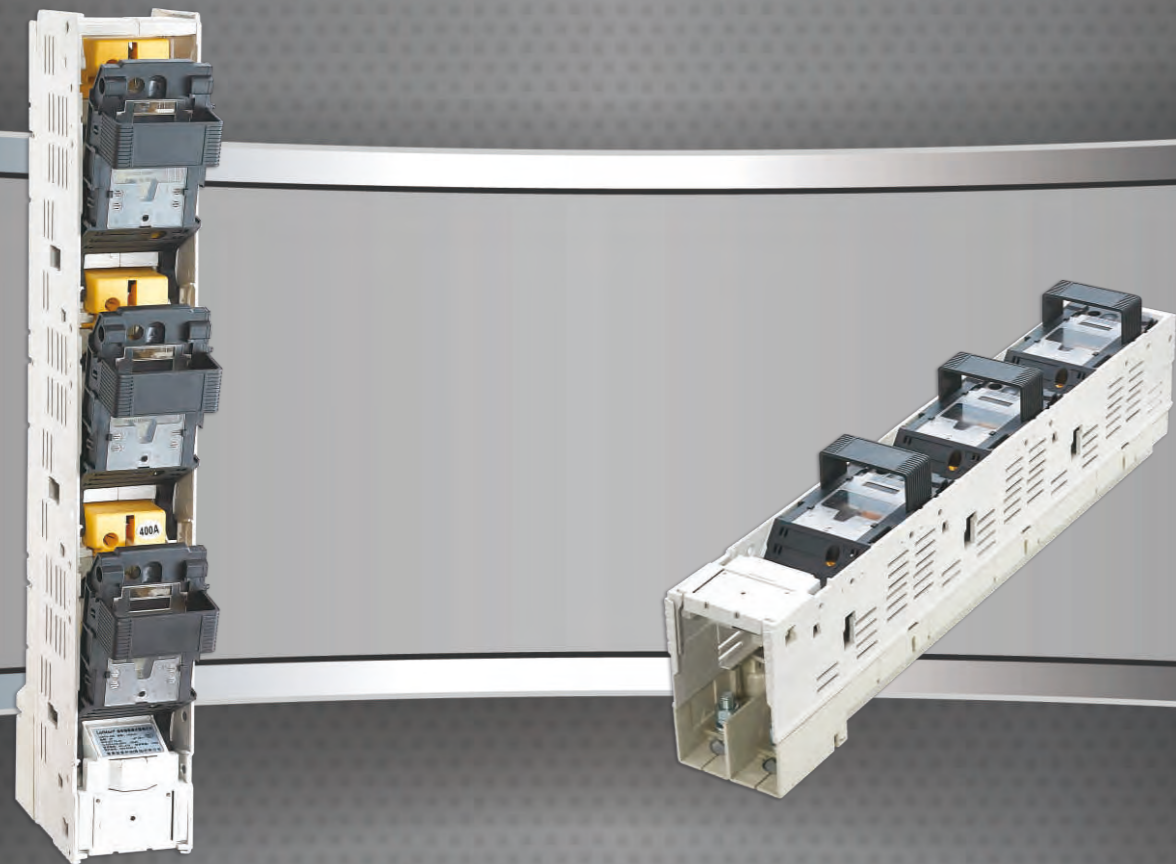
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安装尺寸  
Installation dimension





LMHR 分体条形熔断器式隔离开关  
LMHR series strip type fuse switch disconnect



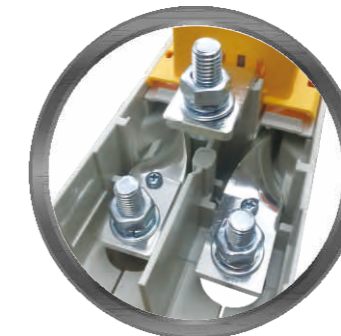
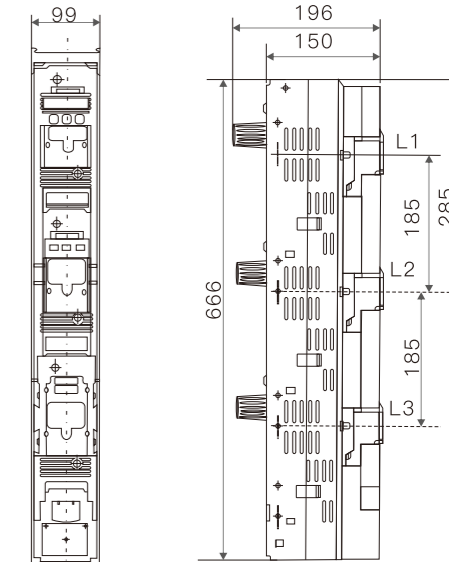
LMHR-250S、400S、630S

技术参数  
Technical Parameters

类型 Model	LMHR-250S			LMHR-400S			LMHR-630S		
额定工作电压(Ue) Rated operational voltage	380V、500V、690V								
额定工作电流(Ie) Rated operational current	250A			400A			630A		
熔断器型号 Fuse size	1			2			3		
额定频率(Hz) Rated frequency	50/60			50/60			50/60		
额定绝缘电压(Ui) Rated insulation voltage	1000V			1000V			1000V		
额定冲击耐受电压(Uimp) Rated impulse withstand voltage	10Kv			10Kv			10Kv		
防护等级 Degree Of Protection	IP30			IP30			IP30		
机械寿命 Mechanical life	1200			1200			1200		
接线面积 Wire specifications	120mm <sup>2</sup>			240mm <sup>2</sup>			300mm <sup>2</sup>		
默认接线方式 Default connection mode	螺丝型 Screw type with Cable lug								
其他接线方式 Other connection mode	接线夹 V-Clamps								
安装方式 Installation method	螺丝固定、挂钩 Screw & Hook								
应用类别 Use classes	380V	500V	690V	380V	500V	690V	380V	500V	690V
	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B

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安装尺寸  
Installation dimension





## LMHGL系列负荷隔离开关

LMHGL series load isolating switch

型号示意 Models indicated



LMHGL系列负荷隔离开关主要用于交流50Hz, 额定电压660V, 直流额定电压440V, 额定电流至3150A。用于不频繁接通与分断电路及线路的隔离之用。

LMHGL series load isolation switch mainly suitable for AC 50Hz, rated voltage to 660V, DC rated voltage up to 440V, rated current upto 3150A. The switch is used in the infrequent making and breaking circuit.

## LMHGL系列产品概述

LMHGL series product overview

开关广泛适用于建筑、电力、石油化工及其他行业的配电系统和自动代系统。模块化设计结构, 具有灵活多样的组合性, 采用玻璃纤维增强不饱和聚酯树脂制造外壳, 有很高的介电性能, 防护能力和可靠的操作安全性。操作机构是弹簧蓄能、瞬时释放的加速机构, 瞬时接通与分断双断点触头结构。与操作手柄的速度无关, 极大提高了各项电气性能与机械性能。

多种结构与操作方式, 有直接观察触头通断状态的窗口, 有柜内、柜外、柜后操作, 有正面、侧面操作, 有板后接线。开关造型美观、新颖、简洁、体积小功能全是同类产品中理想的选择。

This kind of Load isolation switch is widely used in the distribution system and automatic system of architecture, electrical power, petrochemical and other industries. This kind of Load isolation switch possesses flexible structure of modularized design. It possesses flexible and versatile compositionality, it adopts the shell made by unsaturated polyester resin reinforced by glass fibre. It has very high dielectric performance, protective capability, and reliable operation. The operating mechanism is an elastic-accumulating accelerating mechanism for instant release, which makes instant on and off of the double break point contact, it has no relationship with the speed of operating handle and increases greatly various electric properties and mechanical properties. Many forms of structures and operations in which the on and off state of contact is observed through windows. There are operations inside and outside the board. There are frontal and lateral operations. There are connections behind the board. This kind of switch has a good-looking outline and various functions, being very novel, simple and small-choice among the congeneric products.

## LMHGL系列产品特点

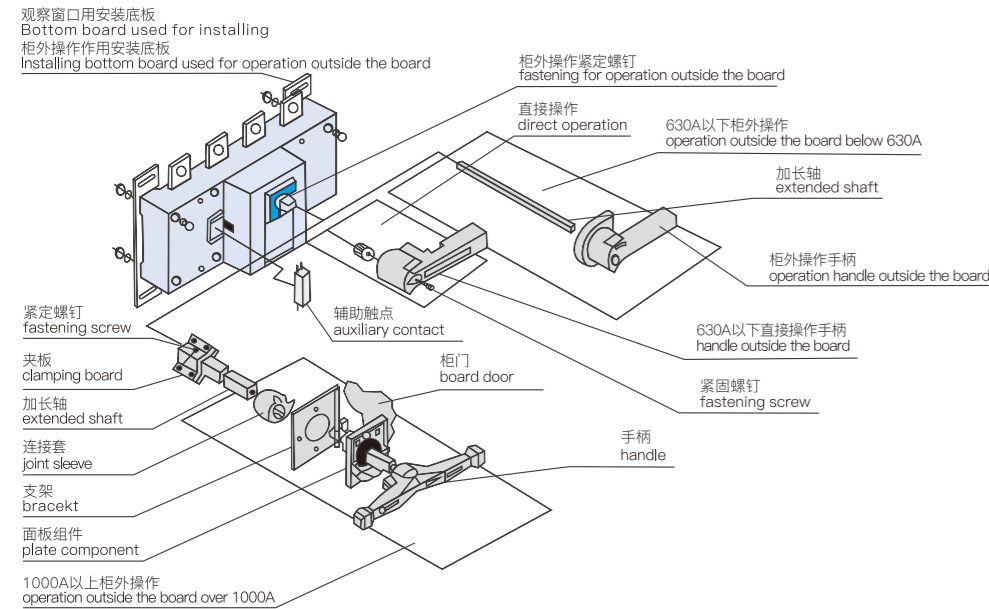
LMHGL series features

- ◆ 弹簧蓄能瞬时释放的加速结构实现了快速接通或分断 (13.8米/秒), 与操作手柄速度无关, 极大提高了熄灭电弧能力。
- ◆ 由玻璃纤维增强不饱和聚酯树脂制造的外壳具有良好的阻燃性能、介电性能、抗碳化性和抗冲击性。
- ◆ 并联双断点触头具有自清洁作用。
- ◆ 所有触头材料是铜镀银合金, 具有两个分离触头面。
- ◆ 隔离距离大。
- ◆ 在“O”位时, 可同时用三把锁锁住手柄, 可靠避免误操作。

- ◆ The elastic-acceleration acceleration mechanism for instant release realizes the the rapid making and breaking (13.8 m/s), having no relationship with the speed of the operating handle, and increasing greatly the capability of extinguishing electric arc.
- ◆ The shell made of unsaturated polyester resin reinforced by glass fibre possesses excellent performance of flame resistant, dielectric performance, safe operation, resist carbonic performance and resist impact performance.
- ◆ Parallel double gap contact possesses self cleaning functions.
- ◆ All the contact materials are copper alloy plated with silver, and possess two separation contact surfaces.
- ◆ Large insulation distance.
- ◆ Be on “O”, the products can lock the handle with three locks at the same time and thus can avoid error operation.

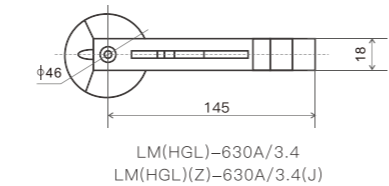
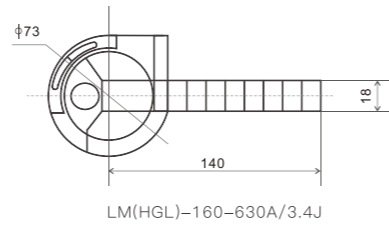
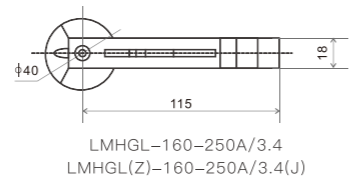






LM(HGL)-160A-3150A负荷隔离开关  
LM(HGL)-160A-3150A load break switch

注：加长轴标准长度  
Note: standard length of extension shaft is  
160A、250A: 330mm  
630A: 300mm  
1600A、3150A: 330mm



Operation environment

- LM(HGL) series load isolation switch can work reliably under the following condition
- ◆ Height above sea level does not exceed 2000m
- ◆ Ambient temperature is not higher than +40°C and not lower than -5°C, Relative humidity is not larger than 95%.
- ◆ No explosive dangerous medium environment
- ◆ No rain and snow attack environment
- Note: If the load isolation switch is expected to be used in the condition that the ambient temperature is higher than +40°C or is lower than -5°C~-45°C customers should inform to the manufactory

LM(HGL)-63A-3150A Load isolation switch

- ◆ 7 specifications of LM(HGL) load isolation switch from 63A to 315A Basic model of modularized design, possesses three poles, and four poles (3 poles+on and off neutral pole). It is suitable for electric isolation. Switches over 1000A are only suitable for electric isolation.
- ◆ Mark window is set in the front side to indicate the on and off state of the contact
- ◆ Rear observation window can be provided according to the demand to observe directly the on and off state of the contact.
- ◆ For window pattern, refer to the back operational load isolation switch, LM(HGL)-160A~1600A/H.
- ◆ Two sets of auxiliary contacts can be assembled according to demand.
- ◆ The electric cable insulating cover can be assembled.

技术参数  
Technical Parameters

额定发热电流 I <sub>th</sub> (A) Conventional thermal current		63A		100A		160A		250A		630A				1600A			3150A			
额定电流 I <sub>th</sub> (A) Rated current		40	63	80	100	125	160	200	250	315	400	500	630	1000	1250	1600	2000	2500	3150	
额定绝缘电压 U <sub>i</sub> (V) Rated impulse withstand voltage		750	75	750	750	750	750	750	750	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
介质强度 (V) Dielectric strength(V)		5000	5000	5000	5000	5000	5000	5000	5000	8000	8000	8000	8000	10000	10000	10000	10000	10000	10000	
额定冲击耐受电压 U <sub>imp</sub> KV (安装类别V) Rated surge-resistant voltage U <sub>imp</sub> KV (installed category IV)		6	6	6	6	8	8	8	8	12	12	12	12	12	12	12	12	12	12	
额定工作电流 I <sub>e</sub> (A) Rated Working current I <sub>e</sub> (A)	380V	AC-21	40	63	80	100	125	160	200	250	315	400	500	630	1000	1250	1600	2000	2500	3150
		AC-22	40	63	80	100	125	160	200	250	315	400	500	630	1000	1250	1600	2000	2500	3150
		AC-23	40	63	80	100	125	160	200	250	315	340	425	536						
	660V	AC-21	40	50	80	80	125	160	200	250	315	400	400	500	1000	1000	1600	2000	2500	2500
		AC-22	32	32	50	50	125	160	160	160	315	315	315	315	800	800	800	1000	1000	1000
		AC-23	25	25	40	40	80	80	100	125	125	125	125	125						
	220V	DC-21	40	63	80	100	125	160	200	250	315	400	500	630	1000	1250	1600	2000	2500	2500
		DC-22	40	63	80	80	125	160	200	250	315	400	400	500	1000	1250	1250	1600	1600	1600
		DC-23	40	63	60	63	125	125	160	200										
	440V	DC-21					100	125	160	200	315	400	400	500	1000	1250	1250	2000	2000	2000
		DC-22					100	125	160	200	315	400	400	500	1000	1250	1250	1250	1250	1250
		DC-23					100	125	160	200	315	400	400	500	1000	1000	1000			
电动机功率 P(KW) Motor power		380V	18.5	25	40	40	63	80	100	132	160	220	280	315	560	560	560	710	710	710
		660V	22	22	33	33	75	75	90	110	185	185	185	185	475	475	475	750	750	750
额定短时耐受电流 I <sub>ow</sub> (KA Rms) 0.1S/1S Rated short-time withstand current I <sub>ow</sub> (ARms) 0.1/1.0s		10/5	10/5	10/5	10/5	20/10	20/10	30/12	30/12	45/20	45/20	50/25	50/25	90/50	90/50	90/50	90/50	90/50	90/50	
额定分段能力 I <sub>cn</sub> (A Rms) AC23 380V Rated breaking capability I <sub>cn</sub> (ARms) AC23 380V		320	504	640	800	1000	1000	1600	1600	2500	3200	3200	3200							
额定接通能力 I <sub>cm</sub> (ARms) AC23 380V Rated making capability I <sub>cm</sub> (ARms) AC23 380V		400	630	8000	1000	1250	1250	2000	2000	3150	4000	4000	4000							
额定短路接通能力 I <sub>cm</sub> (KA 峰值) Rated short-current making capability I <sub>cm</sub> (KA peak value)		7.5	7.5	10	10	12	12	17	17	30	30	40	40							
机械寿命(循环操作次数) Mechanical durability(number of cyclic operation)		10000	10000	10000	10000	10000	10000	10000	10000	5500	5500	5500	5500	4000	4000	3000				
电器寿命 (循环操作次数) Electric durability (number of cyclic operation) 额定电压 U <sub>e</sub> =660V Rated current I <sub>e</sub>		COS φ=0.95 AC21	1700	1700	1700	1700	1500	1500	1500	1500	750	750	750	750	600	600	450	2500	2500	2500
		COS φ=0.65 AC21	100	100	100	100	1000	1000	1000	1000	500	500	500	500	400	400	300			
		COS φ=0.35 AC23	500	500	500	500	500	500	500	500	250	250	250	250	200	200	150			
操作力矩 (Nm) Moment of operation(Nm)		1.2	1.2	1.2	1.2	6.5	6.5	10	10	14.5	14.5	14.5	14.5	37	37	60	60	60	60	

使用环境

- LM(HGL)系列负荷隔离开关在下列条件下能可靠工作:
- ◆ 海拔高度不超过2000米
- ◆ 环境温度不高于+40°C, 不低于-5°C, 相对湿度不大于95%
- ◆ 无爆炸危险介质
- ◆ 无雨雪侵袭环境
- 注:若预期用于周围空气温度高于+40°C-或低于-5°C~-45°C的条件下,用户应向制造厂说明

LM(HGL)-63A-3150A负荷隔离开关

- ◆ LM(HGL)系列负荷隔离开关从63A-3150A分7个规格是模块化基础型, 有三级、四级、(三级+可通断中性级), 主要用于电路的接通与分断或做电气隔离, 1000A以上只做电气隔离
- ◆ 正面没有标记窗口指示触头通断状态
- ◆ 根据需要可提供后面观察窗口, 直接观察触头通断状态, 窗口样式, 见LM(HGLC)-160A~1600A侧面操作负荷隔离开关
- ◆ 可根据需要配装两组辅助触点
- ◆ 可配制电缆绝缘罩



## LMHR17 方形熔断器式隔离开关

LMHR17 series square type fuse switch disconnecter



LMHR17-160A

LMHR17-250A



LMHR17-400A

LMHR17-630A

型号示意 Models indicated

LM — HR — 17 — □ / — □ — □ — J

公司代号 Company code	熔断器式 隔离开关 Fuse switch disconnecter	设计代号 Code of design	约定发 热电流 Conventional thermal current	极数: 2极、 3极、4极 Number of poles: 2 poles、 3 poles、 4 poles	“O”: 无辅助 微动开关 “1”: 有辅助 微动开关 Assisted micro switch	母线连 接式 Type of busbar connection
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HR17系列熔断器式隔离开关（以下简称开关），适用于交流50Hz、额定电压至690V、约定发热电流至630A的具有高短路电流的配电电路和电动机电路中，用于手动不频繁操作的电源开关、隔离开关和应急开关，并作电路短路保护之用，但一般不作为直接开闭单台电动机之用。开关造型美观，新颖简单，操作方便，符合IEC60947-3、GB14048.3标准，同类产品的最佳选择。

HR17 series fuse switch disconnecter, Applied to AC 50 Hz, rated voltage to 690V, the conventional heating current to 630A, in distribution circuit and the motor with high short circuit current circuits, used for manual do not frequent operation of the power switch, isolation switch and emergency switch, And short circuit protection, but generally not for the use of direct open closed electric motor. Switch is modelling beautiful, simple, easy to operate, the product complies is standard of IEC60947-3, GB14048.3, the best choice for similar products.

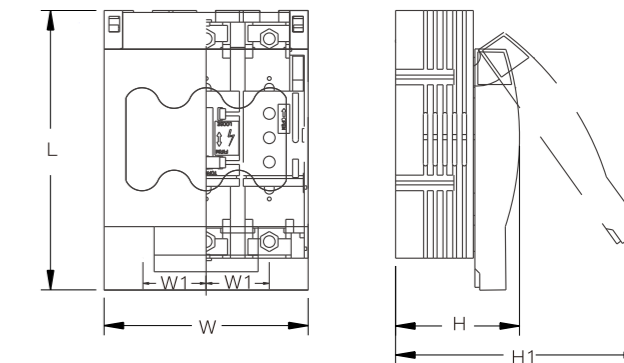
## 技术参数

Technical Parameters

约定发热电流 $I_{th}$	40A	63A	160A	250A	400A	630A	
额定绝缘电压 $U_i$	690V		800V				
额定工作电压 $U_e$	AC380、660V						
额定频率 Hz	50Hz						
额定接通能力(A.r.m.s)	10Ie						
额定分断能力(A.r.m.s)	8Ie						
额定限制短路电流 (r.m.s)	50kA						
额定工作电流 $I_e$	400V/AC-23B	40A	63A	160A	250A	400A	630A
	660V/AC-23B	32A	50A	100A	200A	315A	425A
机械寿命 (次)	10000	8000	5000	3000	2000	1500	
电寿命 (次)	3000	2000	1000	600	400	300	
操作力 F	≤100	≤150	≤250	≤300	≤350	≤400	
熔断器损耗功率 P	4W	6W	12W	24W	34W	48W	
重量 (三级开关)Kg	0.36	0.65	1.2	3.5	5.1	6.85	
辅助微动开关主参数	50Hz、AC-15、220V、3A						

## 安装尺寸

Installation dimension

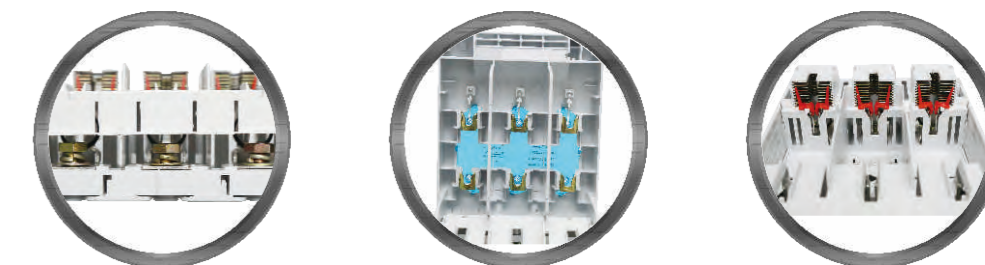


## HR17系列（挂接式）开关产品型号

HR17 series (hang-over) switch Product model

产品型号	A	C	D	E	F	H
HR17-160/30J	106	97	60	33	87	200
HR17-250/30J	185	128	88	57	110	220
HR17-400/30J	210	145	97	65	125	268
HR17-630/30J	256	160	112	81	139	285

●注：当开关用于电动机电路时，允许熔断体的额定电流大于开关的额定工作电流。

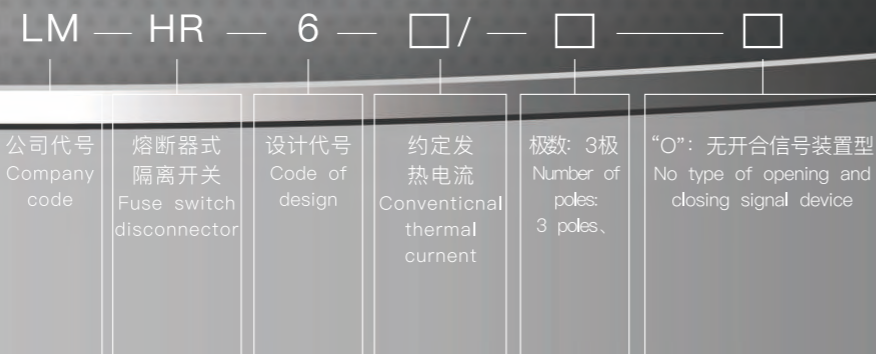




# LMHR6 熔断器式隔离开关

LMHR6 fuse switch disconnecter

型号示意 Models indicated



HR6系列熔断器式隔离开关（以下简称开关），适用于交流50Hz、额定电压至660V、约定发热电流至630A的具有高短路电流的配电电路和电动机电路中，用于手动不频繁操作的电源开关、隔离开关和应急开关，并作电路短路保护之用，但一般不作为直接开闭单台电动机之用。开关造型美观，新颖简单，操作方便，符合IEC60947-3、GB14048.3标准。同类产品的最佳选择。

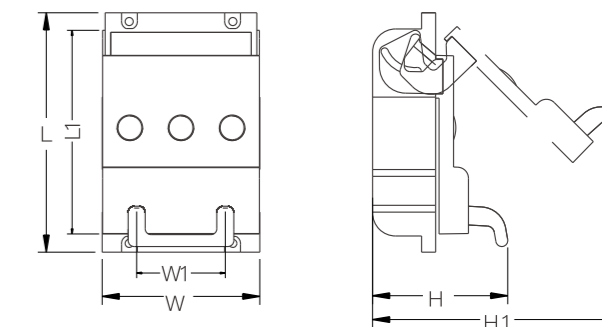
HR6 series fuse switch disconnecter, Applied to AC 50 Hz, rated voltage to 660V, the conventional heating current to 630A, in distribution circuit and the motor with high short circuit current circuits, used for manual do not frequent operation of the power switch, isolation switch and emergency switch, And short circuit protection, but generally not for the use of direct open closed electric motor. Switch is modelling beautiful, simple, easy to operate, the product complies is standard of IEC60947-3, GB14048.3, the best choice for similar products.

LMHR6-160A、250A、400A、630A

## 技术参数 Technical Parameters

开关型号 Switch Type	HR6-160	HR6-250	HR6-400	HR6-630	
额定绝缘电压 $U_i$	690V				
额定频率 Hz	50Hz				
额定工作电压 $U_e$	AC400、660V				
约定发热电流 $I_{th}$	160A	250A	400A	630A	
额定工作电流 $I_e$	400V/AC-23B	160	250A	400A	630A
	660V/AC-23B	100A	200A	315A	425A
额定接通能力 (400V/AC-23)rms	1280A	2000A	3200A	5040A	
额定分断能力 (400V/AC-23)rms	960A	1600A	2400A	3780A	
额定限制短路电流 (r.m.s)	50KA	50KA	50KA	50KA	
机械寿命 (操作循环次数)	3000	3000	1500	1500	
电寿命 (通断循环次数)	600	600	300	300	
操作力 F	≤250N	≤300N	≤400N	≤400N	
重量	2.25Kg	4.7Kg	7.4Kg	7.8Kg	

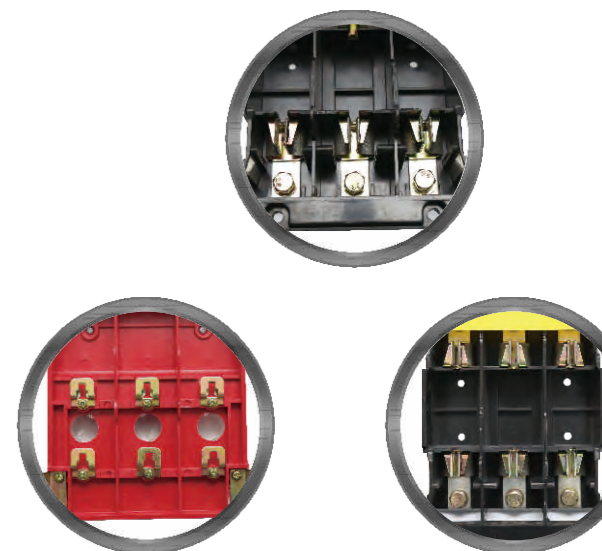
安装尺寸  
Installation dimension



## 开关与熔断体的配用关系 The relationship between the switch and the fuse

额定发热 电流 $I_{th}$	额定工作 电压 $U_e$	配用熔断 体尺寸	熔断体额定电流 (A)
160A	380V	NT00	10.16.25.32.40.50.63.80.100.125.160
	660V		10.16.25.32.40.50.63.80.100
250A	380V	NT1	80.100.125.160.200.225.250
	660V		80.100.125.160.200
400A	380V	NT2	125.160.200.225.250.300.315.355.400
	660V		125.160.200.225.250.300.315
630A	380V	NT3	315.355.400.425.500.630
	660V		315.355.400.425

注：当开关用于电动机电路时，允许熔断体的额定电流大于开关的额定工作电流。

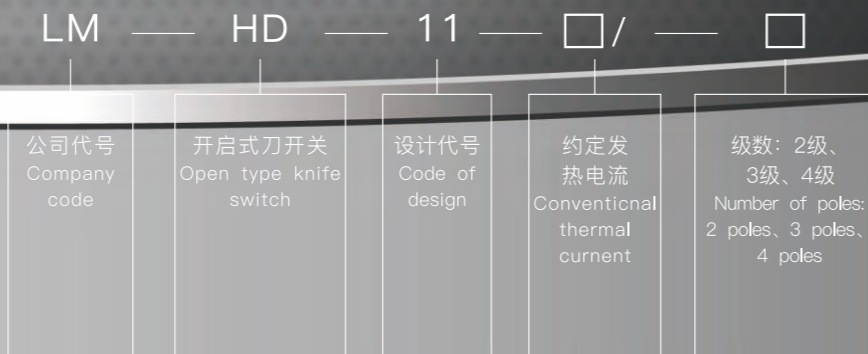




# LMHD11刀开关系列熔断器隔离开关

LMHD11 knife switch series fuse switch disconnecter

型号示意 Models indicated



HD11系列开启式刀开关（以下简称刀开关），适用于交流50Hz、额定电压交流380V、直流220V，约定发热电流至4000A的成套配电装置中。带有灭弧室的刀开关用作手动不频繁接通与分段负载电路，不带灭弧室的刀开关只作电气隔离之用。刀开关造型美观，新颖简单，操作方便，符合IEC60947-3、GB14048.3。

HD11 series open type knife switch, Applied to AC 50 Hz, rated voltage AC380V, DC220V, the conventional heating current to 4000A, in complete sets of power distribution equipment, with arcing chamber of the knife switch used for manual not frequently connected with piecewise load circuit, with no arcing chamber of knife switch only for electrical isolation. Switch is modelling beautiful, simple, easy to operate, the product complies is standard of IEC60947-3, GB14048.3.

LMHD11-200、400

## 技术参数 Technical Parameters

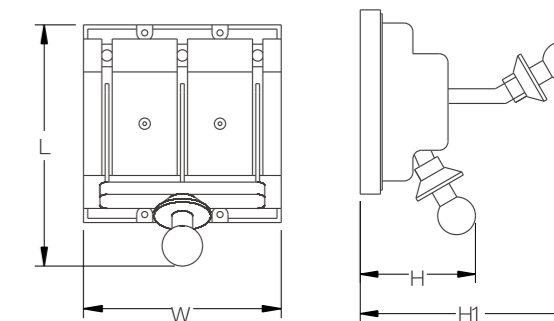
约定发热电流(I <sub>th</sub> )	100A	200A	400A	600A	1000A	1500A	2000A	3000A	4000A
额定绝缘电压(U <sub>i</sub> )	660V								
额定工作电压(U <sub>e</sub> )	AC380V、DC220V								
额定频率(Hz)	50Hz								
使用类别(Use classes)	AC-20、AC-23								
额定接通能力(r.m.s)	1KA	2KA	4KA	6KA	10KA	15KA	20KA	30KA	/
额定分断能力(r.m.s)	0.8KA	1.6KA	3.2KA	4.8KA	8KA	12KA	16KA	24KA	/
1s短时耐受电流(r.m.s)	6KA	10KA	20KA	25KA	30KA	40KA	50KA	60KA	80KA
机械寿命(操作循环次数)	10000	10000	10000	5000	5000	3000	2000	1000	500
电寿命(通断循环次数)	1000	1000	1000	800	800	500	300	200	100
操作力(F)	≤200N	≤250N	≤350N	≤350N	≤400N	≤450N	≤500N	≤600N	≤800N

• 注:额定接通与分断能力及使用类别AC-23仅带灭弧室带开关才有

产品型号 Product type	外形尺寸 Overall dimensions (mm)							安装尺寸 Installation dimensions (mm)			安装尺寸 (mm)	
	A	B/B*	C	C1	D	E*	a	b/b*	øc	截面	M	
HD11-100	/2	150	205/205	110	220	70	32	120	140/140	7	3.5×24.5	M8
	/3	190	205/205	110	220	70	32	70	140/140	7		
	/4	265	230/230	118	238	70	32	140	140/140	7		
HD11-200	/2	150	205/205	110	220	70	32	120	140	7	3.5×24.5	M8
	/3	190	205/205	110	220	70	32	70	140	7		
	/4	265	230/230	118	238	70	32	140	140	7		
HD11-400	/2	190	265/265	132	270	80	43	160	190	7	4.2×36.5	M12
	/3	220	265/265	132	270	80	43	80	190	7		
	/4	300	272/272	130	265	80	43	160	190	7		
HD11-600	/2	240	325/270	112	305	100	55	200	140	9	7×39	M16
	/3	270	325/270	112	305	100	55	100	140/220	9		
	/4	370	325/270	112	305	100	55	200	140	9		
HD11-1000	/2	270	382/322	118	355	120	70	240	140	9	8.5×49	2-M12
	/3	325	382/322	118	355	120	70	120	140/260	9		
	/4	450	382/322	118	355	120	70	240	140	9		
HD11-1500	/2	300	410/330	128	364	130	85	260	140	11	9×69.5	4-M12
	/3	360	410/330	128	364	130	85	130	140/300	11		
	/4	490	410/330	128	364	130	85	260	140	11		

• 带\*尺寸为板后形的尺寸

外形与安装尺寸  
Appearance and installation dimensions





母线系统  
Busbar system



在60mm母线系统中，利用矩形及异型母线横截面积的不同，实现了电流强度等级的最佳分配，安全可靠。高。

全新的60mm母线系统转接技术：母线转接器可安全挂接在12 x 5mm-30x10mm，双T型或三T型母线上，系统最大电流2500A。以其双层结构可更安全地应用在新的领域。在更换开关元件时，无需断电。

通用导线连接夹或接线板可把最大300mm²的导线连接在不打孔母线上，而且不用截断导线即可使用接线板连接两个母线系统。展开式连接夹利用超强度卡接技术可实现圆形和扁平导线的快速连接。母线加长连接夹可安全方便地实现母线系统的扩展。

In the 60mm bus system, the optimal distribution of current strength grade is achieved by using the difference between rectangular and cross-sectional area. High security reliability.

New 60mm bus switching technology: the bus adapter can be safely attached to 12 x 5mm - 30 x 10mm, double T or On the three-t bus, the maximum current is 2500A. The dual structure can be used safely in new areas. Changing the switch No power is required when the element is in.

A general wire connection clip or a connection plate can connect a wire that is 300mm squared on a non-perforated bus line without truncation of the conductor Two bus systems can be connected using the connection board. The expanded connection clamp USES the ultra-strength card technology to achieve the circular and flat wires Fast connections. The extension of the bus system can be safely and easily realized by the extension of the bus.

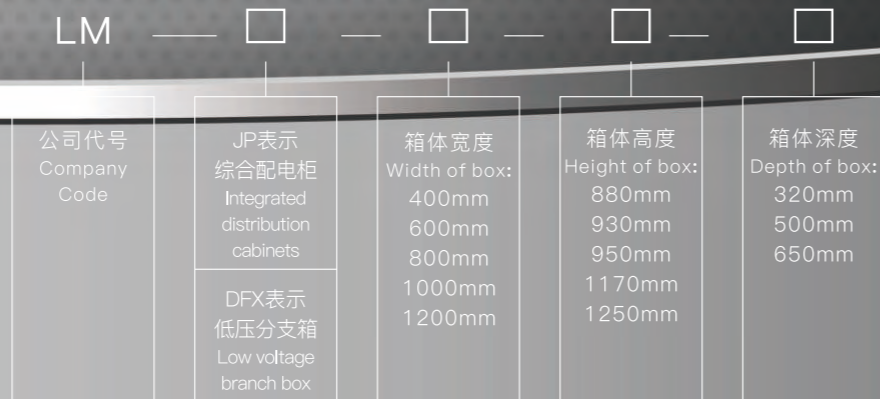
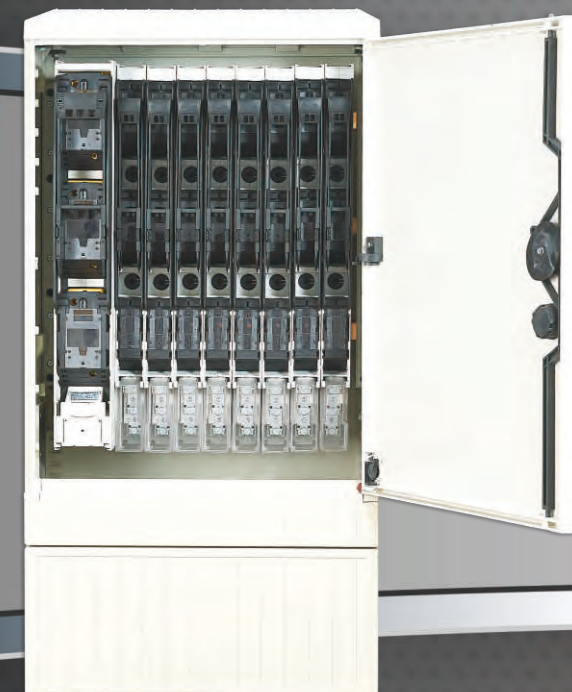
通用母线支架 General busbar bracket	适合母线(宽*厚) Suitable for busbar (wide*thick)	适用场景 Applicable scenario	参考编号 Ref. No.
LM-MXZJ-1线	12,20,30 * 5,10	PE / N	01601
LM-MXZJ-3线/60	12,15,20,25,30 * 5,10	间距60mm	01495
LM-MXZJ-4线/60	12,15,20,25,30 * 5,10	间距60mm	01485
LM-MXZJ-3线/185	12,15,20,25,30 * 5,10	间距185mm	01486
母线支架末端盖 Cover of busbar bracket	作用 Effect	适用场景 Applicable scenario	参考编号 Ref. No.
LM-MDG-1线	盖住铜排在母线支架的末端Cover the end of busbar bracket	1线, 3线, 4线支架	01601
LM-MDG-3线	盖住铜排在母线支架的末端Cover the end of busbar bracket	3线支架	01573
通用母线转接器 General busbar adapter	转接器参数 Adapter parameter	适合塑壳开关型号 Type of suitable for switch	参考编号 Ref. No.
LM-ZJQ-225A	宽100mm, 相距35mm (适合34-36mm)	德力西、天正、正泰、施耐德、西门子同等尺寸 The same size like DELIXI, TENGGEN, CHINT, Schneider, SIEMENS	32215
LM-ZJQ-250A	宽100mm, 相距35mm (适合34-36mm)	德力西、天正、正泰、施耐德、西门子同等尺寸 The same size like DELIXI, TENGGEN, CHINT, Schneider, SIEMENS	32216
LM-ZJQ-400A	宽140mm, 相距45mm (适合43-46mm)	德力西、天正、正泰、施耐德、西门子同等尺寸 The same size like DELIXI, TENGGEN, CHINT, Schneider, SIEMENS	32217
LM-ZJQ-630A	宽182mm, 相距65mm (适合55-70mm)	德力西、天正、正泰、施耐德、西门子同等尺寸 The same size like DELIXI, TENGGEN, CHINT, Schneider, SIEMENS	32218
通用挂线端子 General terminal blocks	适合母线类型 Type of suitable for busbar	接线范围 Scope of wiring	参考编号 Ref. No.
LM-GX-051	5mm厚	16-70mm² 最大接400A ( max 400A )	01287
LM-GX-052		35-185mm² 最大接600A ( max 600A )	01608
LM-GX-101	10mm厚	16-70mm² 最大接400A ( max 400A )	01292
LM-GX-102		35-185mm² 最大接600A ( max 600A )	01203
展开式接线夹 Expansion clamp	适合母线类型 Type of suitable for busbar	接线范围 Scope of wiring	参考编号 Ref. No.
LM-JX	20*5至30*20	95-185mm² 最大接500A ( max 500A )	01318
LM-JX	20*5至30*20	95-300mm² 最大接800A ( max 800A )	01759
接线盒、接线板 Terminal box, terminal board	尺寸(宽*高) Size(wide*high)	接线范围 Scope of wiring	参考编号 Ref. No.
LM-JXH 带盖罩 With cover	81*200mm	35-120mm² 最大接400A ( max 400A )	01243
LM-JXH 带盖罩 With cover	135*200mm	95-185mm² 最大接460A ( max 460A )	01199
LM-JXH 带盖罩 With cover	135*200mm	95-300mm² 最大接630A ( max 630A )	01754
LM-JXB 无盖罩 Without cover	153*184mm	120-300mm² 最大接800A ( max 800A )	01753



## SMC分支箱成套运用

Application of SMC branch box

型号示意 Models indicated



SMC玻璃纤维增强不饱和聚酯箱体,采用新型高性能材料加工制造,具备普通材料所不具有的优点,尤其是它环保,美观、无光污染的特性,更是适应了当今社会所提倡的创建节能环保型社会的潮流。该箱体具有绝缘性强、耐化学腐蚀、阻燃绝热、韧性好等诸多优点,是当今城乡电网改造项目的首选产品。

SMC glass fiber reinforced unsaturated polyester box, a new type of high-performance materials processing system. The utility model has the advantages that the common material does not have, especially the environment friendly, beautiful and without light pollution characteristics, but also adapted to today's society to promote the creation of energy-saving environmental protection society Trend of meeting. The box has the advantages of strong insulation, chemical resistance, flame retardancy, heat insulation and toughness. Good quality and many other advantages, it is the first choice of urban and rural power grid reconstruction projects.

LMHR-DFX-600

## SMC分支箱产品概述

SMC branch box product overview

该系列低压电缆分缝箱使用于额定频率50/60Hz、额定电压380V(660V)的电力系统中,作为动力,照明及配电设备的电源分配,控制之用。适用于各种恶劣环境、变电站(所)、工矿企业及城市的道路、花园住宅小区、高层建筑、机场等户外公共场所。特别适合石油、化工等具有腐蚀性气体的厂区以及沿海、岛屿等高盐雾场所使用。

SMC玻璃纤维增强不饱和聚酯箱体,采用新型高性能材料加工制造,具备普通材料所不具有的优点,尤其是它环保,美观、无光污染的特性,更是适应了当今社会所提倡的创建节能环保型社会的潮流。该箱体具有绝缘性强、耐化学腐蚀、阻燃绝热、韧性好等诸多优点,是当今城乡电网改造项目的首选产品。

玻璃纤维增强型不饱和聚酯材料具有三维网状结构,功能性填料及特种纤维堵强使其成为一种高性能的工程材料。

## SMC玻璃纤维增强不饱和聚酯箱

Glass fiber reinforced unsaturated polyester box body

### 箱体优点

- ◆耐化学腐蚀  
良好的耐腐蚀性能,可能抵抗稀浓度酸、碱盐腐蚀,对多种油类和有机溶剂海水都有较好的抵抗能力。
- ◆耐老化性能强  
良好的抗老化性能,制品表面还涂有一层耐紫外线能力极强的防护层,双重防护使制品拥有更高的抗老化性能。
- ◆绝缘性能强  
优异的绝缘材料,很好的表面电阻、体积电阻、击穿电压等级,同时在高频下能保持良好的介电性能,不受电磁作用影响,不反射电磁波。
- ◆耐温性能好  
材料在很宽的温度(-50 C~+160°C)仍可保持良好的物理机械性能。
- ◆绝热性能好  
绝热性可降低环境温差对箱体内部温度的影响有效减少箱体内部凝露、凝霜。
- ◆阻燃性能好  
耐燃烧性可达到FVO级,烟密度等级为15,烟气毒性等级为准安全一级(ZAI)。轻质量高强韧性好  
比重在1.75-1.95之间。有很高的拉伸强度弯曲强度和冲击韧性、其比(材料强度除以密度之值)可以与高合金相比。
- ◆无缺口敏感性  
三维网状结构良发抗凹性,对缺口不敏感、不产生整齐断口,断口不扩散。

This series of low voltage cable joint box used 50/60 hz at rated frequency, rated voltage 380 v, 660 v) in the power system, as power, lighting and power distribution equipment of power distribution, control. Suitable for all kinds of bad environment, sub-station (by), industrial and mining enterprises, and urban road, garden residential area, high-rise buildings, airports and other outdoor public places. It is suitable for the use of corrosive gases such as oil, chemical, etc.

SMC glass fiber reinforced unsaturated polyester box, using the new high performance materials processing and manufacturing, with ordinary materials do not have advantage, especially its environmental protection, aesthetics, the characteristics of light pollution, but also adapted to the current society advocated the creation of the trends of energy efficient and environmentally friendly society. The box has many advantages such as strong insulation, chemical corrosion resistance, adiabatic insulation and toughness, which is the first choice in the urban and rural power grid trans for mation project.

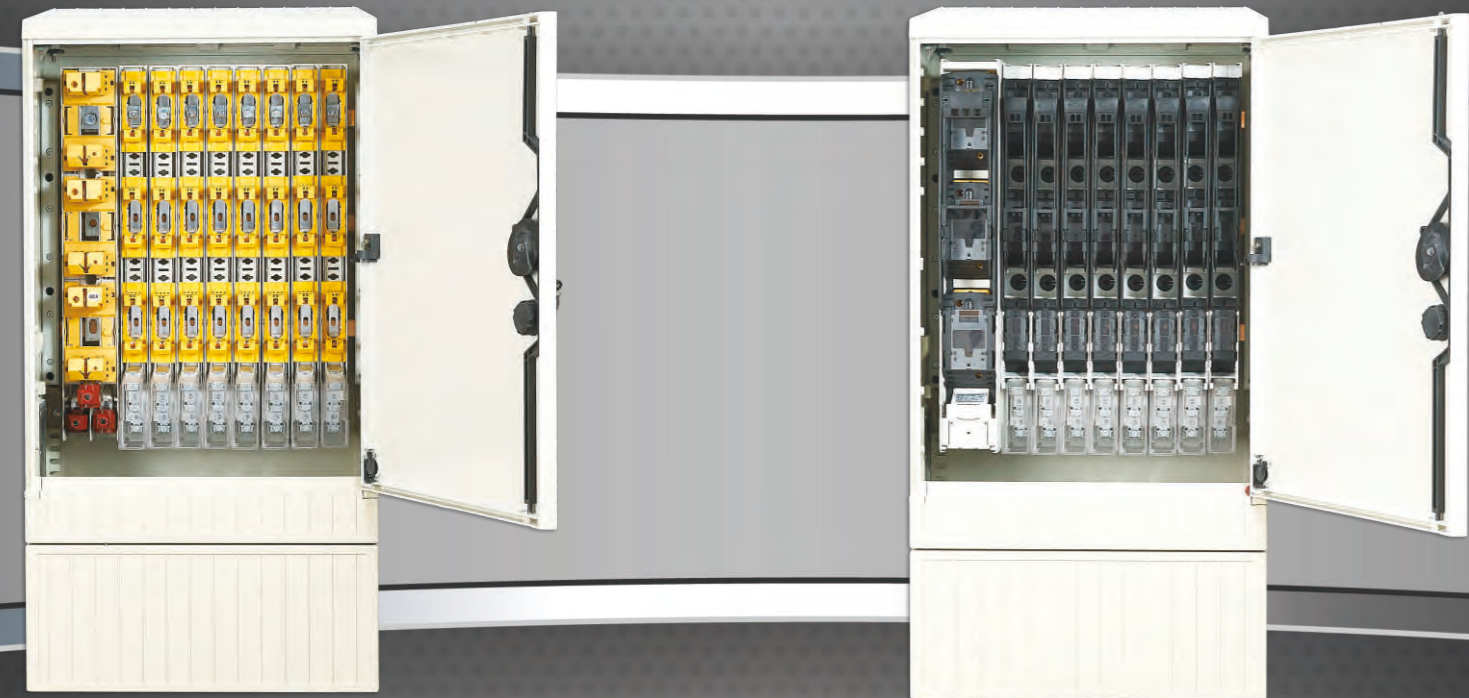
Glass fiber reinforced unsaturated polyester materials have three-dimensional network structure, functional packing and special fiber blocking make it a high performance engineering material.

### Box Advantages

- ◆Corrosion proof  
Excellent corrosion proof withstands dilute acid, base and salt corrosion, and oils, organic solvent and seawater.
- ◆Aging Resistance  
Excellent aging resistance and protective paint withstanding ultraviolet ray on the surface make the product high aging resistance performance.
- ◆Insulation Property  
resistance and breakdown voltage class. and keep dielectric property in electromagnetic wave.
- ◆Temperature Resistance  
The material keep excellent physical mechanical properties in wide range of (-50 c ~+160°C).
- ◆Heat-shielding Performance  
Heat-shielding performance reduces the effect of ambient temperature on inside temperature, decreasing condensation and glazed frost inside.
- ◆Fire Resistance  
Fire Resistance can be class FVO Smoke density class 15 Gas toxicity class semi-safety class 1 {ZAI}.
- ◆Light Weight and High Toughness  
Density is 1.75-1.95. high tensile strength, bending strength and impact to high alloy steel.
- ◆No Notch Sensitivity  
Three-dimensional network structure has excellent dent resistance, not sensitive to notch, without regular fracture and expanded fracture.



SMC分支箱成套运用  
Application of SMC set box



LMHR-DFX-600

JP柜、电缆分支箱常用尺寸及应用

Common dimensions and application of JP cabinet and branch box

应用Application	宽*高*深Width*Height*Depth	备注Note	应用Note	宽*高*深Width*Height*Depth	备注
电缆分支箱 Cable branch box	400*930*320	无底座 Without base	JP柜JP cabinet	400*930*500/650	无底座 Without base
	600*930*320			600*930*500/650	
	800*930*320			800*930*500/650	
	1000*930*320			1000*930*500/650	
	600*1200*320	带底座 With base		600*1200*500/650	带底座 With base
	800*1200*320			800*1200*500/650	
	1000*1200*320			1000*1200*500/650	
	1200*1200*320			1200*1200*500/650	

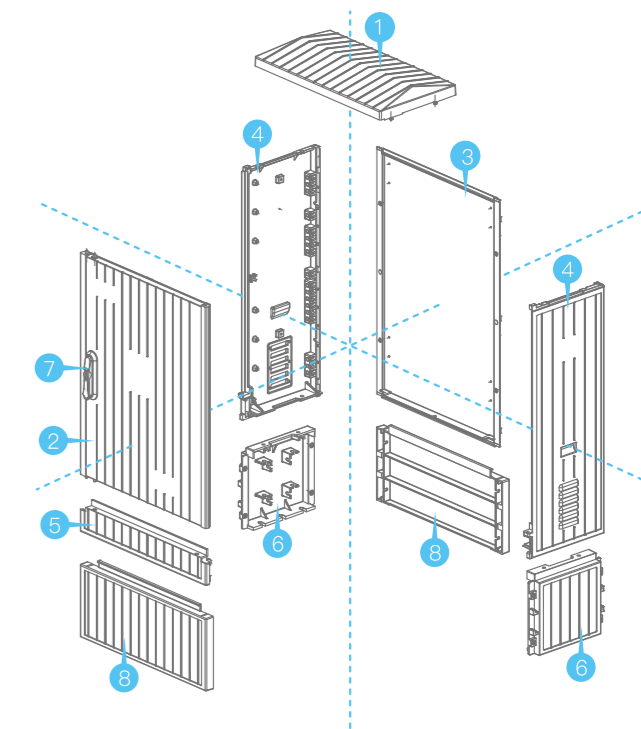
技术参数

Technical Parameters

指标名称Index name	单位(Unit)	指标值(Index Value)	测试标准(Test Standard)
指标名称Index name	mg	<20	JB3961-1
吸水性Water Absorbency	°C	200~204	JB3961-A
热变形温度Thermal Deformation Temperature	g/cm <sup>3</sup>	1.75~1.95	GB1033-A
密度Density	KJ/m <sup>2</sup>	70~90	Gb1043
简支梁冲击强度Charpy Strength	Mpa	150~80	JB3961-1
弯曲强度Bending Strength	Ω	≥1.0×10 <sup>13</sup>	Gb10064
绝缘电阻(常态)Insulation Resistance(normal)	Ω	≥1.0×10 <sup>12</sup>	Gb10060
绝缘电阻(浸水24h)Insulation Resistance(immersion 24h)	MV/m	≥12.0	Gb1408
工频介电强度Power Frequency Dielectric Strength	...	≤4.5	Gb1409
相对介电常数(1MHZ)Relative Dielectric Constant(1MHZ)	...	≤0.0015	Gb1409
介质损耗因数(1MHZ)Dielectric Dissipation Factor(1MHZ)	S	≥180	Gb1411
耐电弧性Arc Resistance	V	≥600	Gb4207
耐漏电起痕指数(PTI)Electric Leakage Resistance Tracking Index(PTI)	级Class	≥FV0	Gb11020
阻燃性Fire Resistance Property	级Class	Za1	GA132-1996
烟密度Smoke Density	级Class	15	GB/T.8627-1999

● 图片中产品颜色仅供参考，实际颜色请以产品实物颜色为准。

电缆分支箱结构示意图  
Cable distribution cabinet



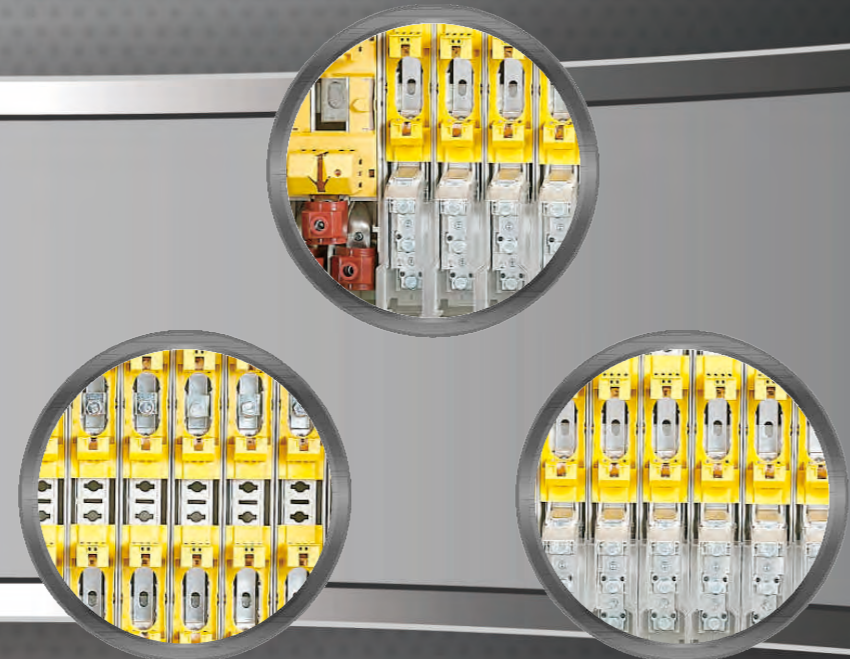
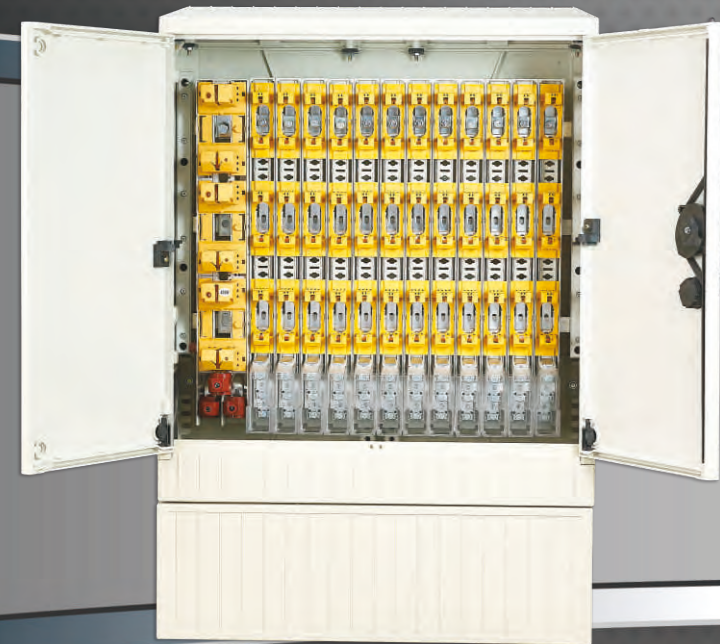
说明: 1、顶盖 2、600型门 3、后封板 4、侧板  
5、前中小板 6、底座侧板 7、门锁与配件  
8、底座前后板

Instruction: 1.the top 2.door of DFX 600  
3. seal panel of back 4. side panel  
5.small panel of front and middle  
6. side panel of base 7. locks and accessories  
8. front and back panel of base



### SMC JP柜成套运用

Application of SMC box and JP cabinet



LMHR-DFX-800

### JP柜、电缆分支箱常用尺寸及应用

Common dimensions and application of JP cabinet and branch box

应用Application	宽*高*深Width*Height*Depth	备注Note	应用Note	宽*高*深Width*Height*Depth	备注
电缆分支箱 Cable branch box	400*930*320	无底座 Without base	JP柜JP cabinet	400*930*500/650	无底座 Without base
	600*930*320			600*930*500/650	
	800*930*320			800*930*500/650	
	1000*930*320			1000*930*500/650	
	600*1200*320	带底座 With base		600*1200*500/650	带底座 With base
	800*1200*320			800*1200*500/650	
	1000*1200*320			1000*1200*500/650	
	1200*1200*320			1200*1200*500/650	

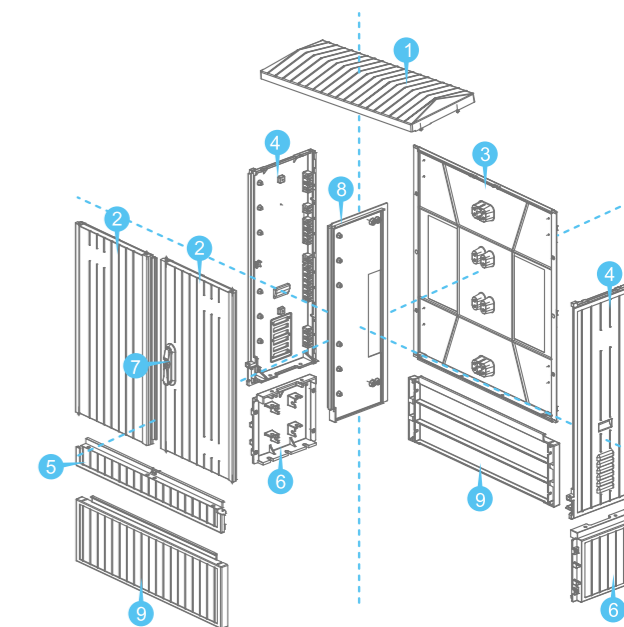
### 技术参数

Technical Parameters

指标名称Index name	单位(Unit)	指标值(Index Value)	测试标准(Test Standard)
指标名称Index name	mg	<20	JB3961-1
吸水性Water Absorbency	°C	200~204	JB3961-A
热变形温度Thermal Deformation Temperature	g/cm <sup>3</sup>	1.75~1.95	GB1033-A
密度Density	KJ/m <sup>2</sup>	70~90	Gb1043
简支梁冲击强度Charpy Strength	Mpa	150~80	JB3961-1
弯曲强度Bending Strength	Ω	≥1.0×10 <sup>13</sup>	Gb10064
绝缘电阻(常态)Insulation Resistance(normal)	Ω	≥1.0×10 <sup>12</sup>	Gb10060
绝缘电阻(浸水24h)Insulation Resistance(immersion 24h)	MV/m	≥12.0	Gb1408
工频介电强度Power Frequency Dielectric Strength	...	≤4.5	Gb1409
相对介电常数(1MHZ)Relative Dielectric Constant(1MHZ)	...	≤0.0015	Gb1409
介质损耗因数(1MHZ)Dielectric Dissipation Factor(1MHZ)	S	≥180	Gb1411
耐电弧性Arc Resistance	V	≥600	Gb4207
耐漏电起痕指数(PTI)Electric Leakage Resistance Tracking Index(PTI)	级Class	≥FV0	Gb11020
阻燃性Fire Resistance Property	级Class	Za1	GA132-1996
烟密度Smoke Density	级Class	15	GB/T.8627-1999

● 图片中产品颜色仅供参考，实际颜色请以产品实物颜色为准。

电缆分支箱结构示意图  
Cable distribution cabinet



说明：1、顶盖 2、800型门板 3、后封板 4、侧板  
5、前中小板 6、底座侧板 7、门锁与配件  
8、隔板 9、底座前后板

Instruction: 1.the top 2.door of DFX 800  
3. seal panel of back 4. side panel  
5.small panel of front and middle  
6. side panel of base 7. locks and accessories  
8. front and back panel of base



NT/NH系列熔芯  
NT/NH series of fuse link

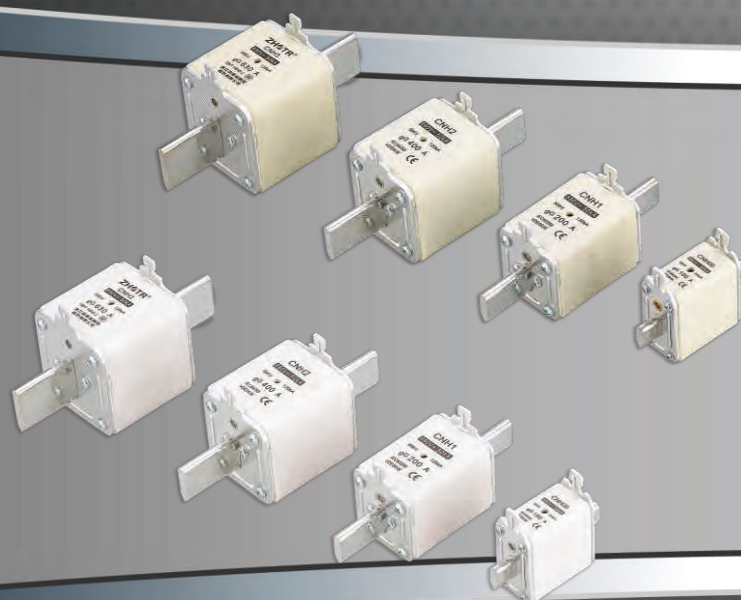
本系列熔断体适用于交流50Hz, 额定电压至690V, 额定电流至1250A, 主要用于电气装置中作线路过载和短路保护(gG/gL)。能可靠地分断最小最小熔化电流至120KA之间的任何电流。亦可派生为半导体器件及其成套装置的短路保护 (aR) 以及电动机短路保护 (aM)。本系列熔断体符合国家标准GB13539和国际电工委标准IEC60269。

熔体采用高纯度优质金属丝材或带材, 灭弧介质是优异的高纯度石英砂, 熔管为高强度陶瓷, 先进的制造工艺保证了本产品具有功耗小、特性稳定、其外形结构及安装尺寸同国内外同类先进产品接轨。

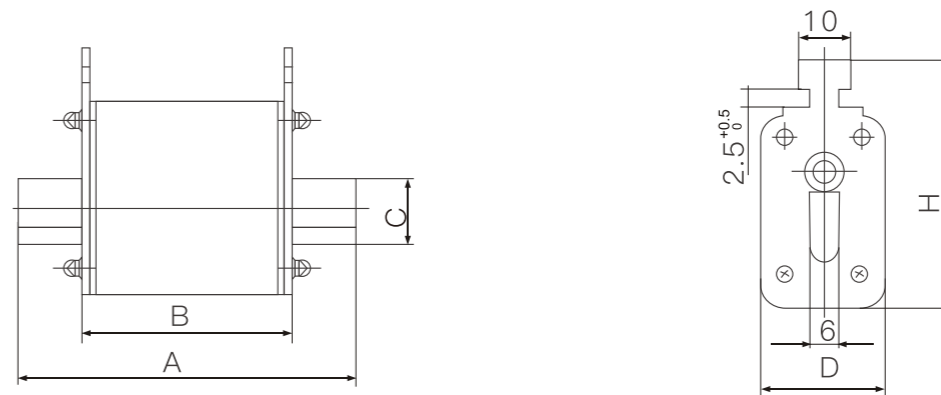
This series of fuse links is mainly used in AC 50Hz, rated voltage up to 690V, rated current up to 1250A and for protecting electric equipment from overload and short-circuit. It can reliably break the min. fusion current to any current within 120KA. It is also available for the protection of semiconductor parts and equipments against short-circuit (type aR) and protection of motors (type aM). This series of fuse links conforms to GB13539 and IEC 60269.

It adopts the material with high quality, The arc-extinguishing medium is quartz sand and fuse tube is high strength ceramic. The advanced manufacturing craft work ensures the performance of small power waste, stable characteristic for the product. The outline structure and installation dimension joints the advanced similar products from domestic and abroad.

NH/NT系列



安装尺寸  
Installation dimension



技术参数  
Technical Parameters

类型 Type	额定电压 (V) Rated voltage (V)	额定电流 (A) Rated current (A)	重量 (g) Weight (g)	外形尺寸 (mm) Overall dimension (mm)				
				A	B	C	D	H
NT/NH00c	AC500/690CV、DC250V	4~100	150	78.5	49	15	21	52.5
NT/NH00	AC500/690CV、DC250V	4~160	150	78	49	15	29	56.5
NT/NH0	AC500/690CV、DC440V	4~160	200	125	68	15	29	56.5
NT/NH1	AC500/690CV、DC440V	32~250	360	135	68	21	48	62
NT/NH2	AC500/690CV、DC440V	80~400	650	150	68	27	58	72
NT/NH3	AC500/690CV、DC440V	160~630	850	150	68	33	67	84.5

● 图片中产品颜色仅供参考, 实际颜色请以产品实物颜色为准。



## NT/NH系列熔断器底座

NT/NH series of fuse base



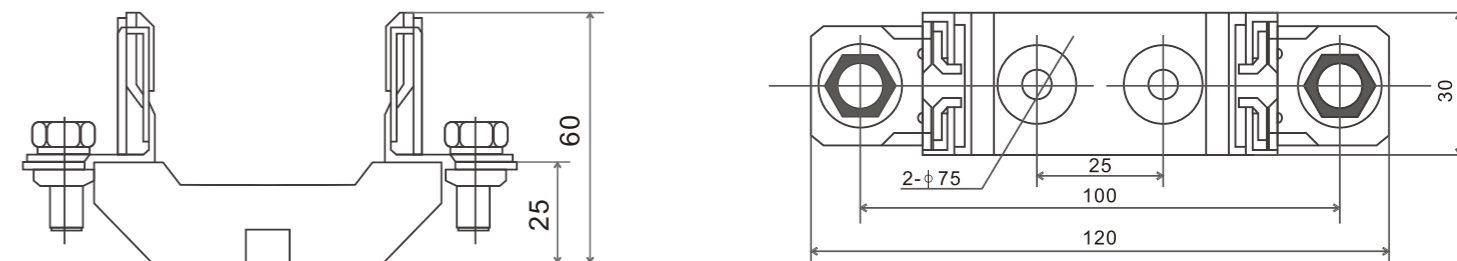
本系列熔断器底座适用于交流50HZ，额定绝缘电压690V，额定电流至1250A为在电气线路中作过载和短路保护之用的熔断体的支持件（座）。  
底座采用高强度陶瓷或尼龙塑料制成，具有足够好的绝缘性能，其敞开式结构具有良好的散热条件，机械强度高，使用方便，外形结构及安装尺寸均符合IEC60269，VDE0603、GB13539标准要求。

This series of fuse bases are used in AC 50HZ ,rated voltage up to 690V, rated current up to 1250A and is equipped with fuses for protecting from overload and short-circuit in electric circuit.  
The base adopts high strength ceramic and possesses well enough insulation performance. The open structure is featured with good heat radiating, high mechanical density and simple operation. The outline structure and installation dimension conform to IEC60269, VDE0636 and GB13539.

### NH/NT系列

### 安装尺寸

Installation dimension



### 技术参数

Technical Parameters

类型 Type	额定电压 (V) Rated voltage (V)	额定电流 (A) Rated current(A)	重量 (g) Weight (g)	外形尺寸 (mm) Overall dimension (mm)							
				A1	A2	A3	B1	B2	C1	C2	Ød
NT/NH00	AC500/690V、DC250V	160	193	78.5	49	15	21	52.5	15	21	52.5
NT/NH0	AC500/690V、DC440V	160	295	78	49	15	29	56.5	15	29	56.5
NT/NH1	AC500/690V、DC440V	250	550	25	175	200	30	58	38	84	10.5
NT/NH2	AC500/690V、DC440V	400	770	25	200	225	30	60	38	100	10.5
NT/NH3	AC500/690V、DC440V	630	965	25	210	250	30	60	40	105	10.5

● 图片中产品颜色仅供参考，实际颜色请以产品实物颜色为准。



## 螺旋式熔断器

Screw base type fuse links

熔断体TDz (慢动作) / Fuse links Tdz (slow)

- 符合DIN VDE 0636、IEC269标准
- 额定电压: AC500V/DC500V
- 额定分断能力
  - ①50KA为AC 500V
  - ②8KA为DC500V
  - ③用于电缆和导线保护
- 工作等级gL/gG

- According to DIN VDE 0636,iec 269
- Rated voltage AC 500V/DC500V
- Rated breaking capacity
  - ①50KA at AC500V
  - ②8KA at DC 500V
  - ③For Cable and line protaction
- Operating Class ggL/gG

## 技术参数

Technical Parameters

尺码Size	额定电压Rated voltage(V)	额定电流Rated current(A)	重量Weight(g)	外形尺寸Overall dimension(mm)			
				ØA	ØC	ØD	ØL
DII E27	500	2-6	24.8	6	22	13	50
		8-10		8	22	13	50
		13		8	22	15	50
		16		10	22	15	50
		20		12	22	15	50
		25		14	22	15	50
DIII E33	500	30-40	48.1	16	27	20	50
		50		18	27	20	50
		63		20	27	20	50
DIII E33	500	2-6	64	6	27	20	70
		8-10		8	27	20	70
		16		10	27	20	70
		20		12	27	20	70
		25		14	27	20	70
		35		16	27	20	70
		50		18	27	20	70
		63		20	27	20	70

● 图片中产品颜色仅供参考, 实际颜色请以产品实物颜色为准。

## 圆筒帽型熔断器

Cylindrical contact cap fuses

柱形熔断器Cylindrcal fuse links

- 符合IEC269-2,NF C63210-63210-60200, NBN C63269-2en- 2-1和CEI32-4标准
- 额定电压:AC 400V,AC500V
- 工作等级
  - ①gL/gG用于导线保护
  - ②aM用于电动机保护
  - ③aR用于半导体器保护
- 额定分断能力:AC100KA

- According to IEC269-2,NFC63210-630211-60200, NBNC 63 269-2en-2-1and CEI32-4
- Rated voltage:AC400V,Ac500v
- Operating class:
  - ①gL/gG for conductor protection
  - ②aM for motor protection
  - ③aR for semiconductor protection
- Rated breaking capacity:AC100KA

## 技术参数

Technical Parameters

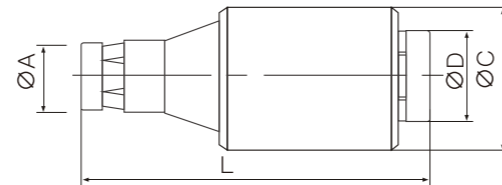
型号Type	尺寸Size	额定电流Rated current(A)	额定电压Rated voltage (V)
RO14GM1GF1	8.5x31.5	1-20	500
RO15RT14-32RT18-63	10x38	1-32	500
RO16RT14-32RT18-63	14x51	2-63	500
RO17RT-14-63	22x58	4-100	500
RO18	30x58	63-125	500
RO19	20.5x76	0.5-30	600
RO21 5SB		2-25	500
RO22 5SB		30-63	500
RO24RL-16NDE16		2-25	500
RO26 E18D01		2-18	380
RO26 E18D02		20-63	380
RO26 E18D03		80-100	380
RO27 BLA-10		1-10	600
RO28 BLA-20		16-25	600
RO29 BLA-30		25-35	600

● 图片中产品颜色仅供参考, 实际颜色请以产品实物颜色为准。



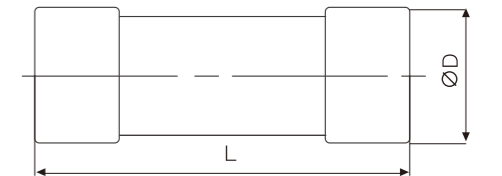
安装尺寸

Installation dimension



安装尺寸

Installation dimension





## 玻璃熔芯

GLASS FUSE

### 技术参数

Technical Parameters

材质 Material	型号 Type	额定电压 (V)	额定电流 (A)
玻璃 Glass	5×20	250V	0.5A、1A、2A、3A、4A、6A、8A、10A
	6×30	250V	0.5A、1A、2A、3A、4A、6A、8A、10A、15A、20A

● 图片中产品颜色仅供参考，实际颜色请以产品实物颜色为准。



## 条形熔断器式隔离开关配件产品

Accessories of fuse switch disconnecter

### 技术参数

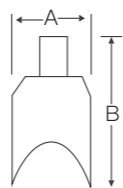
Technical Parameters

类型 Type	尺寸 Size (mm)		接线面积 Wire (mm <sup>2</sup> )	Nm
	A	B		
绝缘罩 Cover	38.5	60	绝缘罩 Insulating cover	For v-terminal
接线夹 V-95 (Clamp)	27.5	37	10-90mm	20Nm
接线夹 V-185 (Clamp)	34.5	46.5	35-240mm	23Nm
接线夹 V-240 (Clamp)	33.2	48.5	10-70mm 95-240mm	23Nm
接线夹 V-300 (Clamp)	33.3	54.2	95-300mm	23Nm

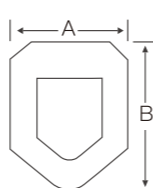
● 图片中产品颜色仅供参考，实际颜色请以产品实物颜色为准。

### 安装尺寸

Installation dimension



COVER



CLAMP



## 条形熔断器式隔离开关配件产品

Accessories of fuse switch disconnecter



### 技术参数

Technical Parameters

接线端子 Thickness of busbar	接线端子 Thickness of busbar	适用电流 Max Current
5mm	1.5-120mm	440A
10mm		440A
规格型号 Product model	产品特点 Peculiarity	母线类型 Type of busbar
160A	不打孔母线 Unpunched busbar	矩形、T型 Rectangular & T type
250A 400A 630A		

● 图片中产品颜色仅供参考，实际颜色请以产品实物颜色为准。