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RENLE

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雷诺尔微信公众号

RENLE

Professional Manufacturer of
Smart Grid·New Energy·Electric Drive

GGD型

交流低压配电柜

Low-voltage AC power distributing cabinet



创芯科技·智惠全球

股票代码：833586



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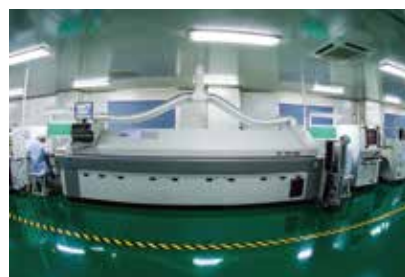


上海雷诺尔科技股份有限公司座落于上海市嘉定区国家级高新技术产业园区内，占地面积100000平方米，厂房85000平方米。产品覆盖高低压电机软起动器、高低压变频调速器、智能化电气、新能源电气和高低压输变电成套设备等，产品广泛应用于电力、冶金、石油石化、矿山、化工、建筑、建材、市政、军工业、轻工业、纺织印染、造纸、制药等行业，产品畅销世界多个国家和地区。

公司先后为上海世博会配套项目、北京奥运会配套项目、上海国际航运中心洋山深水港工程、上海浦东机场、上海虹桥机场、三峡工程、甘肃卫星发射中心、南水北调、西气东输、中国石油集团、中国石化集团等国家重点项目配套使用，优质的产品质量和良好的售后服务赢得了用户的一致好评。

公司严格控制产品质量，力争尽善尽美，构筑了坚实的质量系统工程，公司已获得ISO9001质量管理体系认证、ISO14001环境管理体系认证、欧共体CE认证，国家强制性CCC认证及产品检验认证。公司不断引进国际先进生产设备及检测设备，创建实验室，并为多个国内院校提供研发实验基地。公司一直注重自主创新，建立了颇具实力的新产品开发技术中心。

公司将不断地开发出节能、高效、精密、人性化的产品，以专业独特的工控技术、领先适用的创新产品以及深度整合的解决方案，帮助用户实现经济转型和产业升级，并加快国际化步伐，用品质征服世界，立志成为享誉全球的智能电气专业供应商！



企业简介 Enterprise Introduction

Shanghai RENLE Science & Technology Co., Ltd is located in the High & New Technology Industrial Park of Jiading District, Shanghai, China. The company covers a total area of 100,000 square meters, including 85,000 square meters of workshops. Its products include HV/LV motor soft starter, HV/ LV frequency inverter, intelligent electricals, new-energy electricals, HV/LV complete equipment for electric power transmission distribution and so on. Its products are widely used in electric power, metallurgy, petroleum chemistry, military industry, mining, chemical industry, construction, light industry, pharmaceuticals, municipal construction, textile printing and dyeing, papermaking, rubber and plastic, electrified railway construction and other industries. Its products sell well in many countries and regions of the world.

The company products are used in many projects, such as Expo 2010 Shanghai China, 2008 Beijing Olympic Games, Yangshan Deepwater Port Project of Shanghai International Shipping Center, Shanghai Pudong Airport, Shanghai Hongqiao Airport, the Three Gorges Project, Gansu Satellite Launching Center, South-to-North Water Diversion Project, West-to-East Natural Gas Transmission Project, China National Petroleum Corp., SINOPEC, Double Coin Holdings, Shandong Linglong Tyre and other national key supporting projects. Its premium products and excellent after-sales service are favored by the clients.

Renle always lays emphasis on quality control so as to attain perfection. The company has passed the certification of ISO9001 Quality Management System, ISO 14001 Environment System, OHSAS 18001 Occupational Health and Safety Management System, CE, TUV, GOST and national CCC etc. RENLE has been continuously introducing internationally advanced production and test equipment to establish laboratories and provide R&D experiment base to domestic universities and colleges. The company, paying much attention to independent innovation, has established powerful new product R&D technical center.

The company shall keep developing products of energy-saving, efficiency, precision and humane. With the specialized and unique control technology, advanced and applicable innovative products, and deep-integrated solutions, the company helps clients in realizing economic transformation, industry upgrading and speedy internalization. With its high-qualified products, the company aims to be the world-renowned specialized manufacture of intelligent electrical equipment.

GGD型 交流低压配电柜

GGD Type Low-voltage AC power distributing cabinet

► 概述 Introduction

GGD型低压固定式成套开关设备适用于发电厂、变电所、工矿企业等电力用户作为交流50Hz，额定工作电压380V，额定电流至3150A的配电系统中作为动力，照明及配电设备的电能转换，分配与控制之用。该产品分断能力高，额定短时耐受电流达50kA。线路方案灵活、组合方便、实用性强、结构新颖等特点。该产品是我国组装式、固定面板开关柜的代表产品之一。

该产品符合GB7251《低压成套开关设备和控制设备》、IEC60439《低压成套开关设备和控制设备》，等标准。

GGD AC low voltage distribution board is applicable to power plant, transformer substations and industrial corporations. It serves as power source, power transformation, distribution and control equipment of illumination and distribution equipment in AC 50 Hz distribution systems which rated voltage is 380V and rated current is not above 3150A. The product has high breaking capacity, and its rated prospective short-circuit withstand current can reach 50kA. Because of its flexible wiring scheme, it provides convenient arrangement, favorable practicability and novel structure. The product features the national assembled and fixable switchboard.

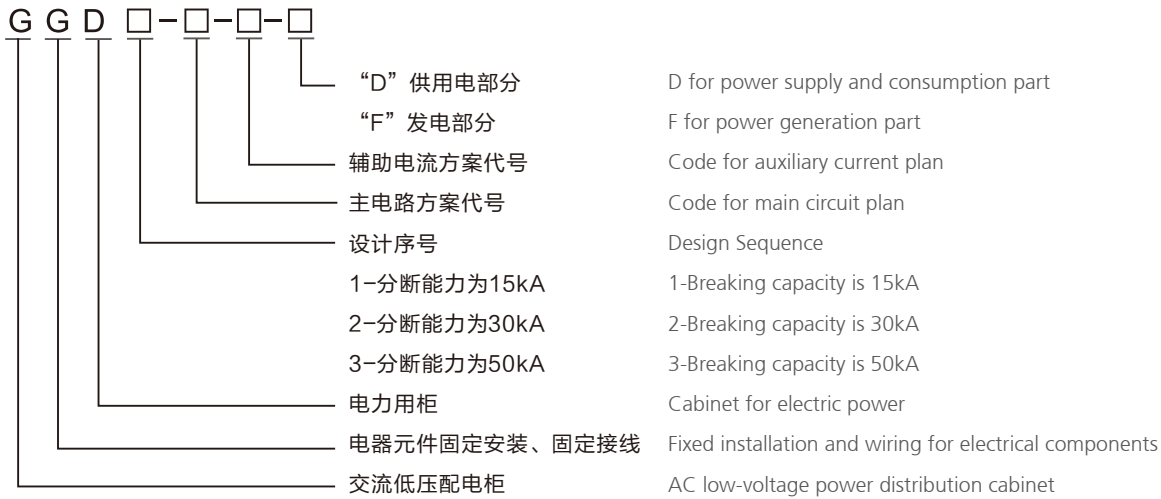
The product is compliant with the Low Voltage Unit Switch Equipment and Control Equipment standard IEC439 and the Low Voltage Unit Switch Equipment standard Gb7251.



► 使用环境条件 Service Condition

- ➡ 环境温度：-5℃~+40℃
24h内的平均温度不得高于+35℃。
- ➡ 海拔高度：2000m及以下。
- ➡ 相对湿度：在最高温度为+40℃时不超过50%，在较低温度时允许有交大的相对温度（例如+20℃时为90%）应考虑到由于温度的变化可能会偶然产生凝露的影响。
- ➡ 设备安装时与垂直面的倾斜度不超过5°。
- ➡ 设备应安装在无剧烈振动和冲击的地方，以及不足以使电器元件受到腐蚀的场所。
- ➡ 用户有特殊要求时可与本公司协商解决。
- ➡ The ambient temperature is between -5℃ and +40℃, and the mean temperature of 24 hours is not above +35℃.
- ➡ Altitude: no more than 2000m.
- ➡ Relative humidity is not above 50% when the ambient temperature is not above +40℃. When the temperature is relatively low, higher relative humidity is allowed (for example, the allowed relative humidity is 90% when the ambient temperature is +20℃). Condensation may occur occasionally due to temperature alteration.
- ➡ The lean between equipment and vertical plane should not exceed 5° during installation.
- ➡ In order to protect the electric components, the equipment should be mounted in a concussion and corrosion-proof site.
- ➡ Please consult our company if you have any special requirements.

► 型号及其含义 Types and Meanings



► 开关设备技术参数 (见表1) Technical Parameters for Switch Equipment (See the Fig. 1)

表1 Sheet 1

型号 Type	额定电压 (V) Rated Voltage (V)	额定电流 (A) Rated Current (A)		额定短路开断电流 (kA) Rated Short-Circuit Breaking Current (kA)	额定短时耐受电流 (Is) (kA) Rated Withstand Current during short circuit (Is) (kA)	额定峰值耐受电流 (kA) Rated Withstand Current during peak (kA)
GGD1	380	A	1000	15	15	30
		B	600 (630)			
		C	400			
GGD2	380	A	1500 (1600)	30	30	63
		B	1000			
		C	600			
GGD3	380	A	3150	50	50	105
		B	2500			
		C	2000			

➔ 辅助电路方案

辅助电路的设计分供用电方案和发电厂方案两部分。

➔ 主母线

额定电流在1500A及以下时采用单铜排母线。额定电流大于1500A时采用双铜排母线。母线的搭接面均采用搪锡工艺处理。

➔ 水平母线选用 (见表2)

➔ 辅助电路方案中性接地母线选用 (见表3)

➔ Auxiliary Circuit Plan

Design for the auxiliary circuit is divided into two parts: use in power supply and power plant.

➔ Main Bus

If the rated current is no more than 1500A, we shall choose the single copper busbar, and if the rated current is more than 1500A, we shall choose the double copper busbar. The contact surface of busbar shall be tin coated.

➔ How to choose the horizontal bus (See the Sheet 2)

➔ How to choose the neutral grounding bus in the auxiliary circuit plan (See the Sheet 3)

额定电流 (A) Rated Current(A)	铜母线规格 (mm ²) Spec. of Copper Busbar(mm ²)	选用PE (N) 线截面积 (mm ²) Choose PE(N) Line Cross Section Area(mm ²)
630	50 × 6	40 × 4
1250	80 × 10	40 × 5
1600	100 × 10	50 × 5
2000	125 × 10	60 × 6
2500	2 × (100 × 10)	N:100 × 10 PE:60 × 10
3150	3 × (100 × 10)	N:2(80 × 10) PE:60 × 10

备注：1、民用建筑项目，N线截面需调整。2、通风型配电室可适当降低。

Remark:1. civil construction project, the section line N need to be adjusted.

2. Ventilated distribution room can be reduced according to needs.

☛ 电器元件选择

- GGD柜主要采用国内已能批量生产的较先进的电器元件。如DW17、DZ20、DW15等。框架断路器也可选用RNW45、RNW1、AE、M、F等，塑壳断路器选用RNM1、TM30、NS等国内外较先进的电器元件。
- HD13BX和HS13BX型旋转操作式刀开关是专为满足GGD柜独特结构的需要而设计的专用元件，它改变了机构的操作方式，保留了老产品的优点，是一种实用新型的电器元件。
- 如设计部门根据用户需要，选用性能更优良，技术更先进的新型电器元件时，因GGD柜具有良好的安装灵活性，一般不会因更新电器元件造成制造和安装方面的困难。
- 为进一步提高电路的动稳定能力，GGD柜的母线支撑采用专用的ZMJ型组合式母线夹和绝缘支撑件。母线夹由高强度、阻燃型PPO复合材料热塑成型，绝缘强度高、自熄性能好，结构独特，只需调整积木式间块即可方便地组合成单母线或双母线夹。绝缘支撑是套筒式模压结构，成本低、强度高、解决了老产品爬电距离不够的缺陷。

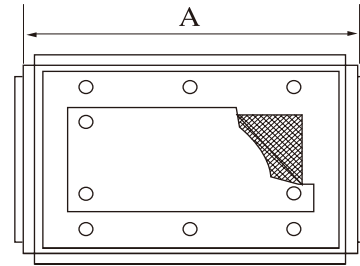
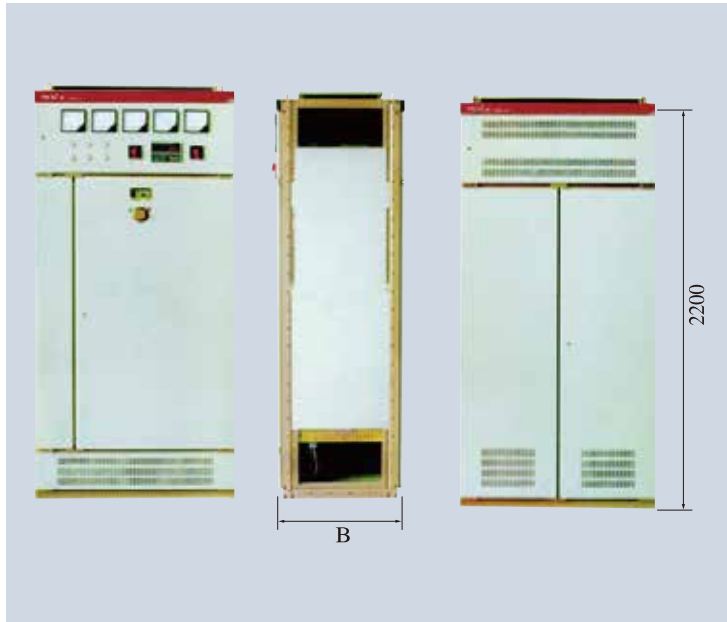
☛ Selection of the electric components

- GGD cabinet mainly adopts advanced components that can be produced in large scale in China, such as DW17、DZ20、DW15 and so on. DW45, CW1, AE, M and F types can be selected as the frame circuit breaker. The advanced electric components both in China and foreign countries, such as CM1, TM30, NS type, are selected as the moulded case circuit breaker.
- HD13BX and HS13BX type rotation operated knife switches are special devices designed for the unique structure of the GGD cabinet. They change the operation method of the mechanism but retain the superiorities of the old model. This type of switch is a practical and new device.
- If the design department adopts new-type electric components with more excellent performance and more advanced technologies according to the needs of the customers, it will be not be difficult for manufacture to install the equipment after the replacement of the components due to the good flexibility of GGD type cabinet.
- In order to enhance the dynamic stability of the circuit, the ZMJ combined type bus bar clamp and insulation support is adopted as the main bus support in the GGD cabinet. The bus bar clamp is made of PPO composite material with high intensity and flame retardance by the thermoplastic forming process. Therefore the clamp has high insulation strength, self-distinguishing ability and unique structure. It is easy to combine the clamp into single bus bar clamp or double bus bar clamp by adjusting the intermediate block. The insulation support adopts sleeve and moulding structure and has lower cost but higher strength. It solves the problem of a non-sufficient creepage distance from the old products.

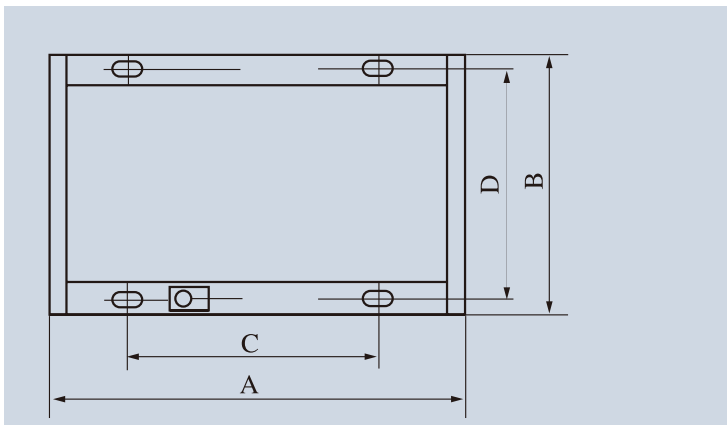
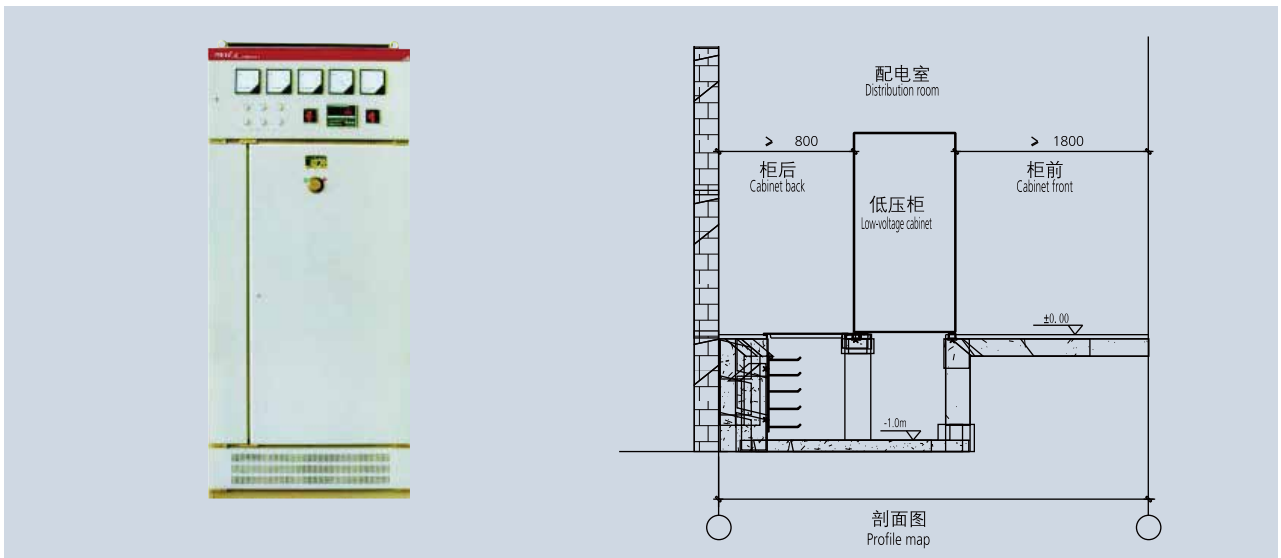
▶ 产品特征 Features of Structure

- ➔ GGD型交流低压配电成套开关设备的柜体采用通用柜的形式，框架用C型材组装而成，框架零件及专用配套零件由本公司生产配套供货，以保证柜体的精度和质量。通用柜的零部件按模块原理设计，并有20模的安装孔，通用系数高。可以使工厂实现预生产。既缩短了生产制造周期，也提高了工作效率。
- ➔ GGD柜设计时充分考虑到柜体运行中散热问题。在柜体上下两端均有不同数量的散热槽孔，当柜内电器元件发热时，热量上升，通过上端槽孔排出，而冷风不断地由下端槽孔补充进柜，是密封的柜体自下而上形成一个自然通风道，达到散热的目的。
- ➔ GGD柜按照现代工业产品造型设计的要求，采用黄金分割比的方法设计柜体外形和各部分的分割尺寸，使整柜美观大方。
- ➔ GGD type AC low-voltage distribution complete switch equipment adopts common cabinet frame, of which is assembled with material type C. The frame components and special completing components are made by Renle itself so the accuracy and the quality of the cabinet is ensured. The cabinet, whose components are designed according to the module theory, has mounting holes of 20mm space. The high universality makes it possible for the factory to conduct pre-production. So the production cycle is shortened and the work efficiency is raised.
- ➔ Heat radiation of the cabinet during operation is fully taken into consideration when the GGD cabinet is designed. There are different types of slots at the upper and lower terminals. When the components in the cabinet generate heat, it rises and goes out of the cabinet through the slots. At the same time cold wind continuously enters into the cabinet from the lower slots. So a natural ventilation channel is formed inside the sealed cabinet for the purpose of heat dissipation.
- ➔ According to the modeling requirements of modern industrial products, GGD type adopts golden section method to design appearance and size of every section, so the GGD cabinet becomes more beautiful in appearance.
- ➔ 柜门用转轴式活动铰链与构架相连、安装、拆卸方便。门的拆边处均嵌有一根山型橡塑条，关门时门与框架直接的嵌条有一定的压缩行程，能防止门与柜体直接碰撞，也提高了门的防护等级。
- ➔ 装有电器元件的仪表门用多股软铜线与框架相连。柜内的安装件与框架间用滚花垫圈连接，整柜构成完整的接地保护系统。
- ➔ 柜体表面采用高压静电喷塑粉工艺处理。具有附着力强，质感好。整柜呈亚光色调，避免了眩光效应，给值班人员创造了较舒适的视觉环境。
- ➔ 柜体的顶盖在需要时可拆除，便于现场母线的装配和调整，柜顶的四角装有吊环，用于起吊和装运。
- ➔ 柜体的防护等级为IP30，用户也可根据使用环境的要求在IP20~IP40之间选择。
- ➔ The cabinet door is connected with the frame by shaft-type movable hinge so it is easy to mount or dismount. There is a mount-like rubber-plastic strip at the door flanging. As there is a compression travel for the strip between the installed pieces and the door when the door is closed, the collision of the door with the cabinet is avoided and the protection degree is increased.
- ➔ The instrument door equipped with electric components is connected with the frame by multi-stranded copper wire. The installed components inside the cabinet are connected with the frame by the knurl washer and the whole cabinet constitutes a complete grounding system.
- ➔ The surface of the cabinet is treated with high pressure electrostatic powder spray technology. The powder has good adhesion and quality. The cabinet offers matt tone that avoids the effect of dizziness so the operators can have a better visual environment.
- ➔ The top lid can be dismounted in necessary for the convenience of on-site installation and adjustment of main bus bar . At the four corners of the cabinet top are rings used for hoisting and transportation.
- ➔ The protection degree of the cabinet is IP30. Users may choose between IP20 and IP40 according to the requirements of the environment.

▶ 产品外形及安装尺寸 Product outline and installation Size



产品代号 Product Code	A	B
06	600	600
06A	600	800
08	800	600
08A	800	800
10	1000	600
10A	1000	800
12	1200	800



方案号 Scheme No.	A	B	C	D
06	600	600	500	556
06A	600	800	500	756
08	800	600	700	556
08A	800	800	700	756
10	1000	600	900	556
10A	1000	800	900	756
12	1200	800	1100	756

主电路方案 Product outline and installation Size

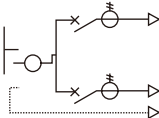
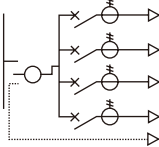
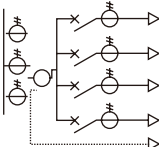
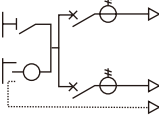
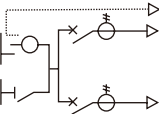
GGD1型49个方案123个规格(见表4)
There are 49 schemes, namely 123 specifications for the GGD1. (See the diagram 4)

方案号 Scheme No.	01	02	03	04	05	06
主电路方案图 Main Circuit Plan						
用途 Usage	受电 Power receive	受电 Power receive	受电 Power receive	受电 馈电 Power receive Power feed	受电 Power receive	受电 Power receive
型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C
HD13BX-1000/31	1	1	1	1	1	
HD13BX-600/31		1	1	1	1	
HD13BX-400/31			1	1	1	2 2 2
DW15-1000/3[]电动机 Motor drive					1	
DW15-630/3[]电磁 Electromagnetic					1	
DW15-400/3[]电磁 Electromagnetic						
RNM1-400/3						2
RNM1-250/3						2
RNM1-160/3						
LMZ1-0.66[]/5				1	3	2
LMZ3-0.66[]/5						2 2
(LMZ3D-0.66[]/5)						
柜宽 (mm) Cabinet width	600	600	1000	600	800	800
柜深 (mm) Cabinet Depth	600	600	600	600	600	600
					0101D.0102D.0109D.0110D	
					0115D.0116D.0118D.0119D	
					0127D.0128D.0201D.0202D	
					0204D.0205D.0207D.0208D	
					0501D.0506D	
					0103F.0104F.0209F.0210F	
					0211F.0212F.0203F.0504F	
					0601F.0602F.0603F.0604F	
					0605F.0606F.0634F.0635F	
					0636F.0637F	
辅助电路图号 Auxiliary Circuit Diagram No.						
备注 Remark					B,C方案柜宽可为600mm Cabinet width for schemes B and C can be 600mm.	

方案号 Scheme No.	07	08	09	10	11	12
主电路方案图 Main Circuit Plan						
用途 Usage	受电联络 Power receive Contact			受电联络 Power receive Contact		
型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C
HD13BX-1000/31	1	1	1	1	2	2
HD13BX-600/31	1	1	1	1	2	2
HD13BX-400/31	1	1	1	1	2	2
RNW1-1000/3[]电动机 Motor drive	1	1	1	1	1	1
RNW1-630/3[]电磁 Electromagnetic	1	1	1	1	1	1
RNW1-400/3[]电磁 Electromagnetic	1	1	1	1	1	1
LMZ1-0.66[]/5 (LMZ3-0.66[]/5)	3(4)	3(4)	3(4)	3(4)	3(4)	3(4)
柜宽 (mm) Cabinet width	600	600	600	600	600	600
柜深 (mm) Cabinet Depth	600	600	600	600	600	600
辅助电路图号 Auxiliary Circuit Diagram No.	0104D.0105D.0112D.0113D	0104D.0105D.0112D.0113D	0101D.0102D.0109D.0110D	0101D.0102D.0109D.0110D	0104D.0105D.0112D.0113D	0104D.0105D.0112D.0113D
	0121D.0122D.0124D.0125D	0115D.0116D.0118D.0119D	0115D.0116D.0118D.0119D	0115D.0116D.0118D.0119D	0121D.0122D.0124D.0124D	0121D.0122D.0124D.0125D
	0130D.0131D.0133D.0134D	0127D.0128D.0201D.0202D	0127D.0128D.0201D.0202D	0127D.0128D.0201D.0202D	0130D.0131D.0131D.0134D	0130D.0131D.0131D.0134D
	0210D.0221D.0213D.0214D	0204D.0205D.0207D.0208D	0204D.0205D.0207D.0208D	0204D.0205D.0207D.0208D	0210D.0211D.0213D.0214D	0210D.0211D.0213D.0214D
	0216D.0217D.0301D.0302D	0103F.0104F.0209F.0210F	0103F.0104F.0209F.0210F	0103F.0104F.0209F.0210F	0216D.0217D.0301D.0302D	0216D.0217D.0301D.0302D
	0304D.0305D.0307D.0308D	0211F.0212F	0211F.0212F	0211F.0212F	0304D.0305D.0307D.0308D	0304D.0305D.0307D.0308D
	0310D.0311D.0313D.0314D				0310D.0311D.0313D.0314D	0310D.0311D.0313D.0314D
	0316D.0317D.0319D.0320D				0316D.0317D.0319D.0328D	0316D.0317D.0319D.0328D
	0103F.0104F.0209F.0210F				0290F.0210F.0211F.0212F	0290F.0210F.0211F.0212F
	0211F.0212F					
备注 Remark						

方案号 Scheme No.	13	14	15	16	17	18
主电路方案图 Main Circuit Plan						
用途 Usage	受电联络 Power receive Contact	受电联络 Power receive Contact	受电联络 Power receive Contact	受电联络 Power receive Contact	受电联络 Power receive Contact	受电联络 Power receive Contact
型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C
HD13BX-1000/31	2					1
HD13BX-600/31	2					1
HD13BX-400/31	2					
HS13BX-1000/41		1		1		
HS13BX-600/41		1		1		
HS13BX-400/41		1		1		
RNW1-1000/3[]电动机 Motor drive	1		1			1
RNW1-630/3[]电动机 Motor drive	1		1			1
RNW1-400/3[]电磁 Electromagnetic	1		1			1
LMZ1-0.66[]/5	3(4)	3(4)	3(4)	3(4)	3(4)	3(4)
LMZ3-0.66[]/5						
柜宽 (mm) Cabinet width	1000	800	1000	800	1000	800
柜深 (mm) Cabinet Depth	600	600	600	600	600	600
	0104D.0105D.0112D.0113D	0107D.0108D	0107D.0108D	0107D.0108D		0101D.0102D.0109D.0110D
	0121D.0122D.0124D.0125D					0115D.0116D.0118D.0119D
	0130D.0131D.0133D.0134D					0127D.0128D.0201D.0202D
	0210D.0221D.0213D.0214D					0204D.0205D.0207D.0208D
	0216D.0217D.0301D.0302D					
	0304D.0305D.0307D.0308D					
	0310D.0311D.0313D.0314D					
	0316D.0317D.0319D.0320D					
	0209D.0210D.0211D.0212D					
辅助电路图号 Auxiliary Circuit Diagram No.						
备注 Remark						

主要电器元件
Main electric components

方案号 Scheme No.	19	20	21	22	23	24
主电路方案图 Main Circuit Plan						
用途 Usage	馈电 备用 Power feed Backup	馈电 备用 Power feed Backup	馈电 备用 Power feed Backup	馈电 备用 馈电 Power feed Backup Power feed	联络 备用 馈电 Contact Backup Power feed	受电 Power receive
型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C
HD13BX-1000/31				1	1	
HD13BX-600/31				1	1	1
HD13BX-400/31						
HS13BX-1000/31(41)			1	1		
HS13BX-600/31(41)	1	1	1	1		
HS13BX-400/31(41)	1	1	1			
HS13BX-200/31(41)	1	1			1	
	2 1 2	4	4	2		
DZ10-/250/3[]	1	4	4	2	2	
DZ10-100/3[]						
LMZ1-0.66[]/5			3	3		
(LMZ3D-0.66[]/5)	2 2 2	4 4 4	4 4 4	2 2 2	2 2 2	
柜宽 (mm) Cabinet width	600 600 600	800 800 800	800 800 800	1000 800 800	1000 800 800	1000 800 800
柜深 (mm) Cabinet Depth	600 600 600	600 600 600	600 600 600	600 600 600	600 600 600	600 600 600
	0514D.0517D	0515D.0518D	0516D.0523D	0514D.0517D0	514D.0517D	
辅助电路图号 Auxiliary Circuit Diagram No.						
备注 Remark						

主要电器元件
Main electric components

方案号	25	26	27	28	29	30						
主电路方案图 Main Circuit Plan												
用途 Usage	A B C		联络 Contact		联络 Contact		联络 Power feed		联络 Contact		馈电 备用 Power feed Backup	
型号规格 Type & Specification	A	B	C	A	B	C	A	B	C	A	B	C
HD13BX-1000/31	1			1			1			1		
HD13BX-600/31				1						1		
HD13BX-400/31						1						
HD13BX-200/31												
DZ10-600P/3[]	1											
DZ10-250/3[]	1	2		4						4		
DZ10-100/3[]						2				4		6
LMZ1-0.66[]/5	1											
LMZ3-0.66[]/5 (LMZ3D-0.66[]/5)	1	2		4						3		3
柜宽 (mm) Cabinet width												
柜深 (mm) Cabinet Depth	1000	800	800	800	800	800	2	2	2	800	800	800
	600	600	600	600	600	600				600	600	600
				0512D.0519D.					0525D0513D.			0512D0524D
				0505F.0506F						0520D0509D.		
辅助电路图号 Auxiliary Circuit Diagram No.												
备注 Remark												

方案号 Scheme No.	37	38	39	40	41	42
主电路方案图 Main Circuit Plan						
用途 Usage	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed
型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C
HD13BX-600/31	1			2		
HD13BX-400/31	1					
HD13BX-200/31	1	3				3
DW15-630[]电磁 Electromagnetic	1					
DW15-400[]电磁 Electromagnetic	1					
DZ10-250/3[]				1		
DZ10-100/3[]				1		
RTO-[]						6
LMZ1-0.66[]/5	3	3		6		18
(LMZ3D-0.66[]/5)	2(3)	2(3)		3		
LJ-[]	3	3		2		
	1	1		2		
柜宽 (mm) Cabinet width	800	600		800		800
柜深 (mm) Cabinet Depth	600	600		600		600
	0512D.0519D.	0510D.0522D	0513D.0520D	0638F.0639F.0641F	0507D.0508D	0648F.0649F.0650F.0651F
	0505F.0506F.	0503F.0514F.0632F.0633F	0505F.0506F	0642F.0643F.0644F.0645F		
				0646F.0647F		
辅助电路图号 Auxiliary Circuit Diagram No.						
备注 Remark						

主要电器元件
Main electric components

方案号 Scheme No.	43	44	45	46	47	48
主电路方案图 Main Circuit Plan						
用途 Usage	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed
型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C
HD13BX-600/31						
HD13BX-400/31	2		1	1		3
HD13BX-200/31			1	1		
HR5-630/31[]					1	
HR5-400/31[]					1	
HR5-200/31[]						1
HG2-160						
CJ20-160/3	2					
CJ20-63/3	4					
RTO-[]	18	12	12	18	18	18
SG-[]			4	4	6	1
LMZ3-0.66[]/5						
柜宽 (mm) Cabinet width	800		800	800	800	800
柜深 (mm) Cabinet Depth	600		600	600	600	600
	0648F.0649F.0650F.0651F		0701D		0701D	
辅助电路图号 Auxiliary Circuit Diagram No.						
备注 Remark						

方案号 Scheme No.	49			50			51			52			53			54		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
主电路方案图 Main Circuit Plan																		
用途 Usage	馈电 Power feed			馈电 Power feed			馈电 Power feed			馈电 (电动机) Power feed (Motor)			馈电 (电动机) Power feed (Motor)			馈电 (电动机) Power feed (Motor)		
型号规格 Type & Specification	A			A B C			A B C			A B C			A B C			A B C		
RNG1-200/31[]							2											
RNG1-100/31[]							2											
RNM1-160/3							2						4 4 4			4 4 4		
RNM1-63/3							2									2 2 2		
RNM1-40/3										4			3			4 4 4		
RNM1-150/3D							2											
RNM1-60/3D							2			18			2 2 3			2 2 2		
(LMZ3D-0.66[]/5)							2											
LJ-[]							2			6			4 4 5			4 4 4		
柜宽 (mm) Cabinet width							800			800			800			800		
柜深 (mm) Cabinet Depth							600			600			600			600		
							0638F.0639F.0640F.0641F			0638F.0639F.0640F.0641F			0638F.0639F.0640F.0641F			0652F.0653F		
							0642F.0643F.0644F.0645F			0642F.0643F.0644F.0645F			0642F.0643F.0644F.0645F			0642F.0643F.0644F.0645F		
							0646F.0647F			0646F.0647F			0646F.0647F					
辅助电路图号 Auxiliary Circuit Diagram No.																		
备注 Remark																		

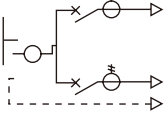
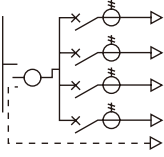
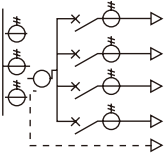
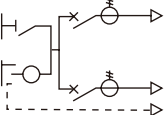
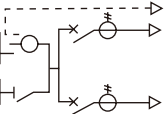
主要电器元件
Main electric components

方案号 Scheme No.	01			02			03			04			05			06					
	受电 Power receive			受电 Power receive			受电 Power receive			受电 Power receive			受电 Power receive			受电 Power receive					
用途 Usage	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C			
主电路方案图 Main Circuit Plan																					
型号规格 Type & Specification	1			1			1			1			1								
RNG1-200/31[]																					
RNG1-100/31[]																					
RNM1-160/3																					
RNM1-63/3																					
RNM1-40/3																					
RNM1-150/3D																					
RNM1-60/3D																					
(LMZ3D-0.66[]/5)																					
LJ-[]																					
柜宽 (mm) Cabinet width	600	600	600	1000	1000	800	1000	1000	800	800	800	600	600	800	800	800	800	800			
柜深 (mm) Cabinet Depth	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600			
辅助电路图号 Auxiliary Circuit Diagram No.																0101D.0102D.0109D.0110D					
																0115D.0116D.0118D.0119D					
																0127D.0128D.0201D.0202D					
																0204D.0205D.0207D.0208D					
																0501D.0506D					
																0103F.0104F.0209F.0210F					
																0211F.0212F.0503F.0504F					
																0601F.0602F.0603F.0604F					
																0605F.0606F.0603F.0604F					
																0636F.0637F					
备注 Remark																			C方案柜宽可为600mm The cabinet width in the scheme C can be 600mm.		

方案号	07	08	09	10	11	12
主电路方案图 Main Circuit Plan						
用途 Usage	受电 Power receive	受电 Power receive	受电 Power receive	受电 Power receive	受电 Power receive	受电 Power receive
型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C
HD13BX-1500/31	1	1	1	1	2	2
HD13BX-1000/31	1	1	1	1	2	2
DW15-1000/3[]电动机 Motor drive	1	1	1	1	1	1
DW15-1000/3[]电磁 Electromagnetic	1	1	1	1	1	1
LMZ1-0.66[]/5 (LMZ3D-0.66[]/5)	3(4)	3(4)	3(4)	3(4)	3(4)	3(4)
柜宽 (mm) Cabinet width	600	800	800	1000	1000	1000
柜深 (mm) Cabinet Depth	600	600	600	600	600	600
辅助电路图号 Auxiliary Circuit Diagram No.	0104D.0104D.	0104D.0104D.0109D.0110D	0101D.0102D.0109D.0110D	0101D.0102D.0109D.0110D	0104D.0104D.0111D.0112D.0113D	0104D.0104D.0111D.0112D.0113D
	0112D.0113D	0115D.0116D.0118D.0119D	0115D.0116D.0118D.0119D	0115D.0116D.0118D.0119D	0121D.0122D.0124D.0124D	0121D.0122D.0124D.0124D
	0130D.0131D.0133D.0134D	0204D.0205D.0207D.0208D	0204D.0205D.0207D.0208D	0204D.0205D.0207D.0208D	0130D.0131D.0133D.0134D	0130D.0131D.0133D.0134D
	0210D.0221D.0213D.0214D	0103F.0104F.0209F.0210F	0103F.0104F.0209F.0210F	0103F.0104F.0209F.0210F	0210D.0221D.0213D.0214D	0210D.0221D.0213D.0214D
	0216D.0217D.0301D.0302D	0211F.0212F	0211F.0212F	0211F.0212F	0216D.0217D.0301D.0302D	0216D.0217D.0301D.0302D
	0304D.0305D.0307D.0308D				0304D.0305D.0307D.0308D	0304D.0305D.0307D.0308D
	0310D.0311D.0313D.0314D				0310D.0311D.0313D.0314D	0310D.0311D.0313D.0314D
	0316D.0317D.0319D.0320D				0316D.0317D.0319D.0320D	0316D.0317D.0319D.0320D
	0103F.0104F.0209F.0210F				0290F.0210F.0211F.0212F	0290F.0210F.0211F.0212F
	0211F.0212F					
备注 Remark	括号内电流互感器数量增加的一个是用于无功功率补偿柜。当远方需设置测量仪表并在柜内加装继电保护时，电流互感器选用LMZ3D-0.66，下同 The one added inside the brackets of current transformer is used in the reactive power compensation cabinet. When there is need to install a meter for remote measurement and a relay for protection, the current transformer shall choose the LMZ3D-0.66, same as below.					

主要电器元件
Main electric components

方案号 Scheme No.	13	14	15	16	17	18
主电路方案图 Main Circuit Plan						
用途 Usage	受电 Power receive	受电 备用 Power receive Backup	受电 备用 Power receive Backup	受电 备用 Power receive Backup	受电 Power receive	受电 Power receive
型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C
HD13BX-1500/31	2			1		2
HD13BX-1000/31		1				2
HS13BX-1000/31(41)				1		1
DW15-1600/3[]电动机 Motor drive		1				1
DW15-1000/3[]电 磁 Electromagnetic	1					
LMZ1-0.66[]/5	3(4)					3(4)
(LMZ3D-0.66[]/5)	3(4)			3(4)		3(4)
柜宽 (mm) Cabinet width	600 1000	800	1000 800	1000 1000	1000 1000	1000 1000
柜深 (mm) Cabinet Depth	600 600	600	600 600	600 600	600 600	600 600
	0104D.0104D.0112D.0113D	0107D.0108D	0107D.0108D	0107D.0108D	0107D.0108D	0101D.0102D.0109D.0110D
	0121D.0122D.0124D.0125D					0115D.0116D.0118D.0119D
	0130D.0131D.0133D.0134D					0127D.0128D.0201D.0202D
	0210D.0221D.0213D.0214D					0204D.0205D.0207D.0208D
	0216D.0217D.0301D.0302D					
	0304D.0305D.0307D.0308D					
	0310D.0311D.0313D.0314D					
	0316D.0317D.0319D.0320D					
	0109D.0210D.0211D.0212D					
辅助电路图号 Auxiliary Circuit Diagram No.						
备注 Remark						

方案号	Scheme No.	25	26	27	28	29	30
主电路方案图 Main Circuit Plan							
用途 Usage	联络备用 Contact Backup	联络备用 Contact Backup	联络备用 Contact Backup	联络备用 Contact Backup	联络备用馈电 Contact Backup Power feed	联络备用馈电 Contact Backup Power feed	
型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C	A B C
HD13BX-600/31							
HS13BX-1000/31(41)	1				1	1	
HS13BX-600/31(41)	1	1		1	1	1	
HS13BX-400/31(41)	1	1		1			
DZ10-400/3[]	2						
DZ10-225/3[]	2	2	2	2	2	2	
DZ10-100/3[]	2	2	2	2	2	2	
LMZ1-0.66[]/5	2	2	2	2	2	2	
LMZ3-0.66[]/5							
柜宽 (mm) Cabinet width	600	600	600	600	600	600	800
柜深 (mm) Cabinet Depth	600	600	600	600	600	600	600
	0514D.0517D	0515D.0518D	0516D.0523D	0517D	0517D	0517D	
辅助电路图图号 Auxiliary Circuit Diagram No.							
备注 Remark							

方案号 Scheme No.	37	38	39	40	41	42
主电路方案图 Main Circuit Plan						
用途 Usage	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed
型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C
HD13BX-1000/31	2					
HD13BX-600/31	2	2	2	2	2	1
HD13BX-400/31		2	2	2	2	1
DW15-630[]电磁 Electromagnetic	2	2	2			1
DW15-630[]电磁 Electromagnetic	2	2	2			1
DZ10-400P/3[]		2	2			
DZ10-400/3[]		2	2	4		
DZ10-100/3[]	2	2	4	6	12	3
RTO-[]		6	2			
LMZ1-0.66[]/5		6	2			
LMZ3-0.66[]/5			2	2	4	
(LMZ3D-0.66[]/5)			2	2	4	4
LJ-[]						2
柜宽 (mm) Cabinet width	800	800	800	800	800	800
柜深 (mm) Cabinet Depth	600	600	600	600	600	600
	0504D.0512D	0502D.0510D	0513D.0520D	0507D.0508D	0507D.0508D	0503F.0504F.0507F.0508F
	0505F.0506F	0503F.0504F.0601F.0602F	0505F.0506F			0601F.0602F.0603F.0604F
		0603F.0604F.0605F.0606F				0605F.0606F.0634F.0635F
		0634F.0635F.0636F.0637F				0635F.0637F
辅助电路图号 Auxiliary Circuit Diagram No.						
备注 Remark						

方案号 Scheme No.	43	44	45	46	47	48
主电路方案图 Main Circuit Plan						
用途 Usage	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed
型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C
HD13BX-1000/31	1					
HD13BX-600/31	1			2	2	
HD13BX-400/31			3			3
DW15-630[]电磁 Electromagnetic	1					
DW15-630[]电磁 Electromagnetic				1		
DZ10-400P/3[]				1		
DZ10-400/3[]				1		
DZ10-100/3[]						
RTO-[]	3			6	6	4
LMZ1-0.66[]/5	2(3)					12
LMZ3-0.66[]/5						
(LMZ3D-0.66[]/5)	3			2	2	4
LJ-[]	1			2	2	4
柜宽 (mm) Cabinet width	800					800
柜深 (mm) Cabinet Depth	600			600	600	600
	0401F.0404F.0407F.0503F	0401F.0404F.0407F.0507F		0638F.0639F.0641F	0638F.0639F.0640F.0641F	0648F.0649F.0650F.0651F
	0504F.0601F.0602F.0603F	0508F		0642F.0643F.0644F.0645F	0642F.0643F.0644F.0645F	
	0604F.0605F.0606F.0634F			0646F.0647F	0646F.0647F	
	0635F.0636F.0637F					
辅助电路图号 Auxiliary Circuit Diagram No.						
备注 Remark						

主要电器元件
Main electric components

方案号 Scheme No.	49	50	51	52	53	54	
主电路方案图 Main Circuit Plan							
	用途 Usage						
	馈电 Power feed			照明 Lighting			照明 Lighting
	型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C
	HD13BX-1000/31	2					
	HD13BX-600/31		2	1	1		
	HD13BX-400/31			1	1	1	
	HR5-630/3[]						2
	HR5-400/3[]						
	HG2-160						
	DZ10-630P/3[]		2				
	CJ20-630/3		2				12
CJ20-250/3	2						
CJ20-160/3	4	4	12	12	18	18	
RTO-[]	18	18					
SG-[]			4	4	6	1	
LMZ3-0.66[]/5							
(LMZ3D-0.66[]/5)		6					
LJ-[]		2					
柜宽 (mm) Cabinet width	800	800	800	800	800	800	
柜深 (mm) Cabinet Depth	600	600	600	600	600	600	
	0648F.0649F.0650F.0651F			0701F			0701F
	0625F.0626F.0627F.0628F			0629F.0630F.0681F.0654F			
	0655F.0656F.0657F						
辅助电路图号 Auxiliary Circuit Diagram No.							
备注 Remark							

主要电器元件
Main electric components

方案号 Scheme No.	01			02			03			04			05			06			
	受电 Power receive			受电 Power receive			受电 Power receive			受电 Power receive			受电 Power receive			受电 Power receive			
主电路方案图 Main Circuit Plan																			
	用途 Usage	受电 Power receive			受电 Power receive			受电 Power receive			受电 Power receive			受电 Power receive			受电 Power receive		
	型号规格 Type & Specification	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
	隔离插头 3200A Isolation plug							1											
	隔离插头 2500A Isolation plug								1										
	隔离插头 2000A Isolation plug									1									
	DW17-3900 电动机 Motor drive	1			1														
	DW17-2500 电动机 Motor drive	1			1			1									1		
	DW17-2000 电动机 Motor drive									1									1
	HR5-100/3[]																		1
JDG-0.5/380/100V																		2(3)	
LMZ2-0.66[]/5	3(4)	3(4)	3(4)	3(4)	3(4)	3(4)	3(4)	3(4)	3(4)	3(4)	3(4)	3(4)						3	
(LMZ3D-0.66[]/5)																		3	
		12	12																
		3	3																
		4	4																
柜宽 (mm) Cabinet width	1000	800	800	1200	1000	1000	1200	1000	1000	1000	800	800	1000	800	800	800	800	800	
柜深 (mm) Cabinet Depth	800	800	800	800	800	800	800	800	800	800	800	800	800	600(800)	800	800	800	800	
	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D	0402F.0405F	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D	0103D.0106D.0111D.0114D		
	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D	0117D.0120D.0123D.0126D		
	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D	0129D.0123D.0135D.0203D		
	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D	0206D.0209D.0212D.0215D		
	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D	0213D.0303D.0306D.0309D		
	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D	0312D.0315D.0318D.0321D		
	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D	0101D.0102D.0201D.0202D		
	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F	0203F.0204F.0205F.0206F		
	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F	0230F.0204F.0205F.0206F		
	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F	0207F.0208F		
辅助电路图图号 Auxiliary Circuit Diagram No.																			
备注 Remark																			

主要电器元件
Main electric components

方案号 Scheme No.	13	14	15	16	17	18
主电路方案图 Main Circuit Plan						
用途 Usage	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed
型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C
HR5-630/3[]						
HR5-400/3[]	2		2			
HR5-200/3[]	2		1 2		2	
HR5-100/3[]	1		1		3 5	
CJ20-400/3		2				
CJ20-250/3		2				
CJ20-160/3			1	2		
CJ20-100/3			1		2	
JDG-0.5/380/100V	2(3)					
LMZ3D-0.66[]/5	2	2	3		5	
LJ-[]	2	2	3	4	5	
柜宽 (mm) Cabinet width	800	800	800	800	800	
柜深 (mm) Cabinet Depth	600	600	600	600	600	
	0402F.0405F.0509F.0510F	0638F.0639F.0640F.0641F	0609F.0610F.0638F.0639F	0609F.0610F.0638F.0639F	0609F.0610F.0638F.0639F	
		0642F.0643F.0644F.0645F	0640F.0641F.0643F	0640F.0641F.0643F	0640F.0641F.0643F	
		0646F.0647F	0644F.0645F.0646F.0647F	0644F.0645F.0646F.0647F	0644F.0645F.0646F.0647F	
辅助电路图号 Auxiliary Circuit Diagram No.						
备注 Remark						

方案号 Scheme No.	19	20	21	22	23	24
主电路方案图 Main Circuit Plan						
用途 Usage	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed	馈电 Power feed
型号规格 Type & Specification	A B C	A B C	A B C	A B C	A B C	A B C
HD13BX-1000/31	2					
HD13BX-600/31	2	2	2			
DWM5-630/3馈电 Electromagnetic	2					
DWM5-400/3馈电 Electromagnetic	2					
DZ10-400P/3[]		2				
DZ10-225/3[]			4			
CJ20-400/3		2	4			
CJ20-160/3			4			
HG2-160					12	
LMZ3D-0.66[]/5	6	6	4			
LJ-[]	2	2	4			
柜宽 (mm) Cabinet width	800	800	800			1000
柜深 (mm) Cabinet Depth	600	600	600			600
	0502D	0625F.0626F.0627F.0628F	0654F.0655F.0656F.0657F			
	0601F.0602F.0603F.0604F	0629F.0630F.0631F				
	0605F.0606F.0634F.0635F					
	0636F.0637F					
辅助电路图号 Auxiliary Circuit Diagram No.						
备注 Remark						

GGJ低压无功功率补偿柜主电路方案（见表7）

Main Circuit Scheme for the GGJ Low-voltage Reactive Power Compensation (See the Sheet 7)

表7 Sheet 7

方案号 Scheme No.	GGJ1-01			GGJ1-02			GGJ1-03			GGJ1-04		
主电路方案图 Main Circuit Plan												
用途 Usage	无功补偿 Reactive power compensation			无功补偿 Reactive power compensation			无功补偿 Reactive power compensation			无功补偿 Reactive power compensation		
型号规格 Type & Specification	A	B	C	A	B	C	A	B	C	A	B	C
HD13BX-1000/31							1	1	1	1	1	1
HD13BX-400/31	1	1	1	1	1	1						
LMK1-0.66[]/5	3	3	3	3	3	3	3	3	3	3	3	3
RT00-□30	30	24	18	30	24	18	30	24	18	30	24	18
FYS-0.22	3	3	3	3	3	3	3	3	3	3	3	3
CJ10-32/[]	10	8	6	10	8	6	10	8	6	10	8	6
JR36-63	10	8	6	10	8	6	10	8	6	10	8	6
JKGF	1	1	1				1	1	1	1	1	1
BSM0.4-16-3	10	8	6	10	8	6	10	8	6	10	8	6
柜宽 (mm) Cabinet width	1000	800	800	1000	800	800	1000	800	800	1000	800	800
柜深 (mm) Cabinet Depth	600	600	600	600	600	600	600	600	600	600	600	600
辅助电路图图号 Auxiliary Circuit Diagram No.	0801D			0802D			0801D			0802D		
备注 Remark	主柜 Main cabinet			辅柜 Auxiliary cabinet			主柜 Main cabinet			辅柜 Auxiliary cabinet		

▶ 订货须知 Order Instruction

订货时须提供下列资料：

- ➔ 产品的全型号（包括主电路方案号和辅助电路方案号）。
- ➔ 主电路系统组合顺序图。
- ➔ 柜体平面布置图。
- ➔ 辅助电路电气原理图。
- ➔ 柜内元器件名称、型号、规格、清单。
- ➔ 其他与产品正常使用条件不符的特殊要求。

Following documents shall be provided at ordering

- ➔ All types of products (Including main and auxiliary circuit plan numbers)
- ➔ Sequence diagram of main circuit system
- ➔ Layout plan of the cabinet body
- ➔ Electrical schematic diagram of auxiliary circuit;
- ➔ Names, models, specifications of the components inside the cabinet and related list of material;
- ➔ Other special requirements in discrepancy with the normal use of the product.



雷诺尔
Shanghai RENLE
Science&Technology Co., Ltd.



▶ **国家重点項目 National Key Projects**



三峡工程
Three Gorges Project
北京奥林匹克水上公园
Beijing Olympic Rowing-Canoeing Park
北京奥运会配套项目
Supporting Projects for the Beijing Olympic Games
北京五棵松体育馆
Wukesong Indoor Stadium
国务院机关事务管理局
Bureau of Government Offices Administration of the State Council
中国中央电视台
CCTV (China Central Television)



首都国际机场
Beijing Capital International Airport
二炮导弹基地
China Second Artillery Corps Missile Base
中国空空导弹研究中心
China Air-to-air Missile Research Centre
中国人民解放军空军雷达基地
LA Air Force Radar Base



“南水北调”
South-to-North Water Diversion
黄衢南高速公路
Zhejiang Huangqunan Expressway
“西电东送”
Electricity Transmission from West to East China
“西气东输”
West-East Natural Gas Transmission



上海磁悬浮轨道交通车站
Shanghai Maglev Rail Transit Station
上海世博会配套项目
Supporting Projects for Shanghai Expo
上海浦东机场
Shanghai Pudong International Airport
上海国际汽车博物馆
Shanghai Auto Museum
上海虹桥机场扩建工程
Extension Project for Shanghai Hongqiao Airport
内蒙古呼和浩特白塔机场扩建工程航站楼
Terminal Expanded for Hohhot Baita International Airport
沈阳奥体中心
Shenyang Olympic Sports Center
北京南苑机场
Beijing Nanyuan Airport
云南2409空军机场
Yunnan 2409 Airforce Airport
青岛奥体中心
Qingdao Olympic Sports Center
济南奥体中心
Jinan Olympic Sports Center
双流国际机场扩建工程
Extension Projects for Chengdu Shuangliu International Airport



重庆袁家岗奥林匹克体育中心
Chongqing Olympic Sports Center
新白云国际机场
New Baiyun International Airport
武汉天河机场
Wuhan Tianhe Airport
上海地铁明珠三号线
Shanghai Metro Line 3
重庆国际会议中心
Chongqing International Conference Centre
山西万家寨引黄工程
Shanxi Wanjiashai Yellow River Diversion Project
青海小游山生态工程
Qinghai Xiaoyou Mountain Ecological Project

