High and low voltage electric cabinet product manuals

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Quality of survival
reputation promote development

Quality求生存 声誉促发展

格立特电气 ( 嘉兴 ) 有限公司
Ghorit Electrical(Jiaxing )Co.,Ltd.
COMPANY PROFILE

公司简介
格立特电气（嘉兴）有限公司位于浙江嘉兴市大云镇工业区北环路188号。公司注册资金3000万元，占地面积22000平方米，建筑面积28000平方米。

公司以研发、生产和销售3.6~40.5 kV户外断路器及高低压电气成套及开关柜系列等产品为主。公司拥有日本村田公司MOTORUM-2048UT数控多工位冲床2台，倍克电机公司525032（Y1-Y2，X，V）3+1DA53数控液压折弯机4台，625010数控液压剪板机2台，K360/750数控车床4台，YRDQX-12断路器装置试验流水线二条，以及其它各类先进的生产及检测设备多台套。产品严格按照GB和IEC等国内外相关标准和规范设计制造，确保产品具有行业的领先技术和质量。公司2007年通过中国质量认证中心ISO9001：2008质量体系认证，始终保持以高质量求生存之根本理念，建立有先进的ERP网络管理系统，及计算机辅助设计系统。凭借自身雄厚的技术力量、先进的制作工艺、完善的检测手段，上乘的产品质量，不断拓展市场。产品大量应用于国家电力、铁路、市政、工矿建设及城市、农网电网建设改造工程，在行业和社会中赢得了广泛的认同。荣获各类明星企业、先进企业、五十强企业、模范百强企业、重合同守信誉企业、省科技型企业、国家实用新型专利证书等荣誉。

在“专业、创新”理念的引领下，公司集聚了一支专业的工程师、技术及管理人员队伍。以其一流的管理、一流的技术、一流的装备、一流的人才，并始终作为“满足顾客的要求和期望，是我们工作的标准和追求”为企业宗旨，郑重向用户承诺：格立特电气不但提供性价比高的高品质产品，而且提供优质、高效、快速的售后服务及技术支持服务，确保格立特电气必定是您最好的合作伙伴。

Ghorit Electrical(Jiaxing) Co., Ltd. located in Zhejiang Jiading City Ege Town Industrial Park north ring road no. 188 (its east to Shanghai, Suzhou in the north, west of Hangzhou, near Shanghai, Suzhou, Hangzhou, hundreds of kilometers, location advantages obviously), the registered capital of 30 million yuan, covers an area of 22000 square meters, construction area of 28000 square meters.

Company mainly engaged in research, development, production and sales of 3.6~40.5 kV outdoor circuit breaker and high and low voltage electric cabinet series products. Company has Japan murata company ut MOTORUM-2048 numerical control multi-station punch 2 units, 525032 Love g machinery company (Y1, Y2, X, V) 3 + 1 da53 CNC hydraulic bending machine 4 units, CNC hydraulic shearing machine 2 units, 625010 K360/750 CNC lathe 4 units, YRDQX-12 circuit breaker device test line two, and other all kinds of advanced production and testing equipment nearly sets. Products in strict accordance with the GB and IEC standards and norms related to the design and manufacturing at home and abroad, to ensure that the product has the industry leading technology and quality. Company in 2007 through the China quality certification center ISO9001:2008 quality system demonstration, always adhere to the quality strives for the survival of the fundamental concept, establishing advanced ERP network management systems, and computer aided design system. Based on the strong technical force, advanced production technology, perfect detection means, excellent product quality, expanding the market. Products are widely used in national power, railway, municipal, industrial and mining construction, and urban and rural power grid construction project, in the industry and won wide recognition in the society. Won all kinds of star enterprise, advanced enterprise, fire enterprise of, taxes, contract and keep credit enterprises, provincial science and technology enterprises, the national utility model patent certificate, etc.

Under the guidance of our "professional, innovation" concept, the company brings together a team of professional engineers, technicians and managers. With the first-class management, first-class technology, first-class equipment, first-class employees, and always adhering to the "meet customer requirements and expectations, is the standard of our work and the pursuit of" the enterprise objective, solemn promise users: grid design electric not only provide cost-effective and high quality products, and to provide quality, efficient and quick after-sales service and technical support services, to ensure that the electrical grid design must be your best partner.
Production equipment

生产设备

在信息化高速的时代，产品的质量不仅仅是说出来的，而是实实在在创造出来的，每一个优质产品的背后必有精良的设备支持，格立特也正如此。公司严格按照 GB 和 IEC 等国内外专业标准和规范设计制造，并拥有源自日本村田公司的 MOTORUM-2048UT 数控多工位冲床 2 台，美国爱克机械公司的 525032（Y1-Y2，X，V）3+1DA53 数控液压折弯机 4 台，625010 数控液压剪板机 2 台，K360/750 数控车床 4 台，YRDQX-12 断路器装置试验流水线二条，以及其它各类先进的生产及测试设备一百多台套。每一台产品的原材料入库到成品的最后包装出厂，每一个精细的步骤都在公司先进的数据库中保存，以保证产品的高质量与跟踪服务，让产品在实际的应用现场中发挥到它极尽的能量与作用。
Local show meticulous, rigorous the high-quality goods
局部显细致，严谨出精品

格立特每一台产品的制造与加工考究而细致，突显精湛与高档品质。
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KYN61- 40.5AC METAL-CLAD WITHDRAWABLE ENCLOSED SWITCHGEAR CUBICL

KYN61-40.5 铠装移开式交流金属封闭开关设备柜体

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柜体尺寸 Dimension
高度 (height) × 宽度 (width) × 深度 (depth):
2600mm × 1400mm × 2800mm
2400mm × 1200mm × 2600mm
KYN61-40.5 铠装移开式交流金属封闭开关设备柜体

概述 Outline

KYN61-40.5 型开关柜系三相交流 50Hz、额定电压 40.5KV 的户内成套配电装置。作为发电厂、变电站及工矿企业接受和分配电能之用，并具有对电路实行控制、保护和监察等功能。

结构说明 Structure instruction

开关柜按 GB3906 和 IEC271-200；2003 标准而设计。整体由柜体和可抽式部件 (手车) 组成，柜体结构均采用断路器板或铸铝板用螺栓连接组装而成，开关柜分隔为断路器室、母线室、电缆室和仪表室，所有金属结构件均可靠接地，母线系统的各间隔均有独立的压力释放通道，在电缆室内可设置 10×60mm 的接地母线。

产品特点 Features

- 柜体结构采用组装式，断路器采用手车落地式结构；
- 可选配: 国产设计的真空断路器 ZN85-40.5(3AV3)、ABB 曲司真空断路器 VD4-40.5，上海华电周普式真空断路器 VEP-40.5、同海 Katz SF6 断路器 FP4025D，施耐德 SF6 断路器 SF2，同类断路器具有互换性；
- 手车车架中装有手车推入结构、手车回路合闸、可轻松移动手车，并能防止误操作而破坏推进机构；
- 主开关、手车、开关柜门之间的联锁均采用强制性机械闭锁方式，满足“五防”联锁功能；
- 所有的操作均在柜门关闭状态下进行，保障操作人员的安全；
- 电缆室空间充裕，可连接多根电缆，并可变压输出；
- 外壳防护等级为 IP3X，手车室门打开及各隔室间防护等级为 IP2X；
- 材质可选镀锌板或敷铝锌板制作。

KYN61-40.5 switchgear is complete indoor power distribution equipment suitable for 3-phase AC 50Hz and rated voltage of 40.5KV. It is used for power acceptance and distribution, circuit control, protection and detection etc., in power plants, transformer substations or industrial and mining establishments.

The switchgear is designed as per GB3906 and IEC298. It is composed of cubicle and withdrawable part (handcart). The cubicle is made of Aluminum–zinc coated or galvanized steel sheets assembled using bolts and divided into circuit breaker compartment, busbar compartment, cable compartment and metering compartment. All metal parts are earthed reliably. Each compartment of main circuit system is available with separate pressure release channel. In cable compartment, 10×60mm earth bus can be chosen.

- Cubicle of assembled structure and CB of handcart floor-type structure;
- Compatible with ZN85-40.5(3AV3), ABB VD4-40.5, VEP-40.5, AREVA FP4025D, and SCHNEIDER SF2. Circuit breaker of the same type is interchangeable;
- Feed screw nut mechanism and overrunning clutch is mounted in the handcart frame, which facilitates easy moving of the handcart and prevents from false operation damaging the feeding mechanism;
- Compulsory mechanical locking method is employed in the interlocks among main switch, handcart and cubicle door to meet the “five-safety” interlock function;
- All operations can be done when the cubicle door is closed as to safeguard the operation personnel;
- Spacious cable compartment enables access of several cables and overhead outgoing;
- The degree of protection of the enclosure is IP3X, and IP2X for barrier compartment and when the door of handcart compartment is open;
- Material optional with galvanized steel or Aluminum–zinc coated steel.
KYN28-12(GZS1) AC METAL-CLAD WITHDRAWABLE ENCLOSED SWITCHGEAR CUBICLE

KYN28-12（GZS1）铠装移开式交流金属封闭开关设备柜体

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柜体尺寸 Dimension
高度 (height) × 宽度 (width) × 深度 (depth):
2300mm×650mm×1500/1660mm
2300mm×800mm×1500/1660mm
1000mm×1500/1660mm
KYN28-12 ( GZS1 )铠装移开式交流金属封闭开关设备柜体

概述 Outline

KYN28-12型铠装移开式交流金属封闭开关设备是一种交流50Hz，额定电压12kV的户内成套配电装置，作为发电厂、变电站及工矿企业接受和分配电能之用，并具有对电路实行控制、保护和通断等功能。

结构说明 Structure instruction

开关柜按 GB3906 的要求进行设计。整体由柜体和可抽出部件（手车）组成，柜体结构均采用敷铝锌板或镀锌板用螺栓连接组装而成，开关柜分隔为断路器室、母线室、电缆室和仪表室，所有金属构件均可靠接地。主回路系统的各隔室均有独立的压力释放通道，在电缆室内可设置 10×60mm 的接地母线。

产品特点 Features

- KYN28-12AC metal-clad withdrawal enclosed switchgear is complete indoor power distribution equipment suitable for 3-phase AC 50Hz and rated voltage of 12kV. It is used for power acceptance and distribution, circuit control, protection and detection etc. in power plants, transformer substations or industrial and mining establishments.

- The switchgear is designed as per requirements specified in GB3906. It is composed of cubicle and withdrawal part (handcart). The cubicle is made of Aluminum-zinc coated or galvanized steel sheets assembled using bolts and divided into circuit breaker compartment, busbar compartment, cable compartment and metering compartment. All metal parts are earthed reliably. Each compartment on the major loop is available with separate pressure release channel. In cable compartment, 10*60mm earth bus can be chosen.

- Easy and effective five-safety locking device to avoid false operation.
- Modified from flat door into good-locking and new stereo door (outline protrusion, multi-stretch and bending process); the front door is machined by salient one-shot die, canceling the sealing and snagging at door corners, increasing the processing uniformity and improving the quality of door plate.
- The nameplate is a salient plastic one, plastic edging to be added for the upper and lower of the door plate, which greatly increases the appearance rating of the cubicle.
- The previously-used screw-type door lock are updated into pull-type door lock, enabling easier and faster opening of the door.
- The concealed in-built hinges are unique and novel, which enables the front door to open about 100 degrees and prevents the door plate from collision, and the components on the door plate are effectively protected.
- Handcarts can work with electric cart chassis to make the remote control.
- The earthing switch can work with electric operating mechanism to make the remote control.
KYN28- 24AC METAL-CLAD WITHDRAWABLE ENCLOSED SWITCHGEAR CUBICLE

KYN28-24 铠装移开式交流金属封闭开关设备柜体

www.ghorit.com

柜体尺寸 Dimension
高度 (height) × 宽度 (width) × 深度 (depth):
2430mm × 1000mm × 1860mm
KYN28–24 AC metal–clad withdrawal enclosed switchgear is complete indoor power distribution equipment suitable for 3–phase AC 50Hz and rated voltage of 24kV. It is used for power acceptance and distribution, circuit control, protection and detection etc. in power plants, transformer substations or industrial and mining establishments as well as in places for frequent operation control.

The switchgear is designed as per requirements specified in GB3906 and IEC298. It is composed of cubicle and withdrawal part (handcart). The cubicle is made of Aluminum–zinc coated or galvanized steel sheets assembled using bolts and divided into circuit breaker compartment, busbar compartment, cable compartment and relay metering compartment. All metal parts are earthed reliably. Each compartment on the major loop is available with separate pressure release channel. In cable compartment, 10×60mm earth bus can be chosen.

> Easy and effective five–safety locking device to avoid false operation;
> Compatible with VS1, WW1, VD4 and 3AH vacuum circuit breaker;
> Compatible with PT handcart handcart, metering handcart, isolating handcart, fuse handcart, and handcart of the same purpose is interchangeable;
> The cubicle may be mounted against the wall and accessible for maintenance in the front as to save space;
> The circuit breaker compartment and cable compartment may be respectively mounted with heater avoid condensation and corrosion;
> Spacious cable compartment enables access of several cables;
> The degree of protection of the enclosure is IP4X, and IP2X for each compartment and when the door of handcart compartment is open;
> Material optional with galvanized steel or Aluminum–zinc coated stee.
XGN2-12 BOX-TYPE FIXED SWITCHGEAR CUBICLE

XGN2-12 箱型固定式开关设备柜体

www.ghorit.com

柜体尺寸 Dimension
高度 (height) x 宽度 (width) x 深度 (depth):
2650mm x 1100mm x 1200/1600mm
1200mm x 1200/1600mm