Distribution Box Model and Specifications ggd



Overview

GGD Introduction The GGD AC low-voltage distribution cabinet is suitable for power distribution systems with AC 50Hz, rated voltage of 380V, and rated curr.

Key Takeaways

The GGD distribution box is a fixed-type low-voltage AC power distribution cabinet rated for 380V and up to 3150A, designed for industrial, commercial, and substation applications.

Overview

The GG

D cabinet is a low-voltage power distribution unit used for power conversion, distribution, and control in AC systems operating at 50Hz with a rated voltage of 380V and rated current up to 3150A. It is widely applied in power plants, substations, industrial enterprises, and commercial buildings to manage electricity safely and efficiently. The cabinet integrates multiple components such as circuit breakers, fuse switch disconnectors, isolator switches, and copper busbars, ensuring reliable energy flow, protection, and operational control.

Key Specifications

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Rated Voltage: 380V ACRated Current: Up to 3150AFrequency: 50HzMain Circuit Schemes: 129 schemes with 298 specifications, adaptable to auxiliary circuits and control voltage variations Transformer Compatibility: Suitable for distribution transformers up to 2000kVA Protection Level: High, with features for overload, short circuit, leakage, and lightning surge protection Structural FeaturesCabinet Frame: 8MF cold-formed steel providing high mechanical strength and reliable grounding Ventilation: Natural ventilation with heat dissipation slots at top and bottom for temperature management Modular Assembly: Flexible electrical configurations and standardized components simplify installation and maintenance Safety Mechanisms: Mechanical interlocking prevents misoperation, adhering to the "Five Preventions" safety standard Material Options: Galvanized steel, carbon steel, stainless steel, thermoplastics, or fiberglass-reinforced materials depending on environmental and application requirements ApplicationsGGD cabinets are ideal for main power distribution and sub-distribution, providing centralized control and protection for multiple circuits.

They are suitable for industrial plants, commercial buildings, and substations, offering durability, high breaking capacity, and strong thermal and dynamic stability.

Standards Compliance

The GG

D distribution box complies with IEC 439 (Low-voltage switchgear and controlgear assemblies) and GB 7251 (Low-voltage switchgear assemblies), ensuring international safety and performance standards.

Advantages

High versatility and practicality for diverse power distribution needsStrong dynamic and thermal stabilityConvenient modular assembly and maintenanceReliable protection against electrical faultsOptimized internal layout for easy wiring and component access The GGD distribution box is a modern, reliable replacement for traditional low-voltage switchgear, offering enhanced safety, efficiency, and adaptability for complex electrical systems.

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Article Content

GGD Low Voltage Distribution Cabinet | 380V AC

The FULLETO GGD low-voltage fixed switchgear is a versatile and economical solution for power distribution systems. It is designed for ease of use, simple

WELTRUS Low Voltage Distribution Cabinets – GCK, GCS, GGD,

The Low Voltage Distribution Cabinet Series from WELTRUS offers a full range of modular and fixed-type low-voltage switchgear for safe and reliable power distribution.

GRL GGD Low Voltage Power Distribution Cabinet

A GGD cabinet is a type of low-voltage electrical panel designed for power distribution, control, protection, and monitoring in AC systems operating at

GGD series AC low voltage distribution cabinet

What are the key features of the GGD series AC low voltage distribution cabinet? Key features include a high breaking capacity, rated short-time withstand current

Ggd Metal Distribution Box, Switchboard, Electrical Enclosure Cabinet

GGD type AC voltage distribution cabinet is based on the requirements of the Department of energy, the majority of users and the design department, according to the safe, economical, reasonable and

GGD Type AC Low-Voltage Distribution Cabinet

The GGD type AC low-voltage distribution cabinet is suitable for power distribution systems of power plants, substations, industrial and mining enterprises, and other electrical users with an AC

Ggd Low Voltage Distribution Box: Technical Specifications,

GGD Low Voltage Distribution Box: Specifications and Maintenance Guide The GGD low voltage distribution box is a critical component in modern electrical systems, widely used in industrial,

GGD Type

Designed for fixed installations, GGD cabinets support currents up to 3150A and are built with strong ventilation, modular structures, and high

ALAN Low voltage distribution cabinet GGD sales specifications: 1

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The ALAN Low Voltage Distribution Cabinet GGD is a highly durable and versatile solution for housing electrical distribution systems. This cabinet is engineered with advanced features to ensure safety,

Ggd AC LV Distribution Cabinet

GGD AC LV distribution cabinet 1. General GGD AC LV distribution cabinet is suitable for power plant, power station, mining and industrial enterprises to

GGD Series Low Voltage Fixed Electrical Switch Panel

GGD Series Low Voltage Fixed Electrical Switch Panel Board Cabinets, Find Details and Price about Switchgear Distribution Box from GGD Series Low Voltage

GGD Low Voltage Fixed-mounted Switchgear

GGD Low Voltage Fixed-mounted Switchgear GGD Switchgear Series is primarily used in power plants, substations, and industrial/mining enterprises for 50-60Hz AC distribution systems, accommodating

GGD Electrical Cabinet

GGD Electrical Cabinet Switchgear Panel Power Distribution System offers overload protection, customizable size, and durable materials. Ideal for various industrial applications.| Alibaba

Enecell | Low Voltage Fixed-mounted Switchgear

Enecell is Low Voltage Switchgear Company, Manufacturers, GGD low-voltage fixed complete equipment is suitable for power supply systems with AC 50-60Hz,

GGD Low Voltage Switchgear

Switchgear GGD Low Voltage Switchgear GGD Low Voltage Switchgear is used for fixed-wiring low-voltage distribution cabinets and is classified into three types: GGD1, GGD2, and GGD3, each with

Ggd a. C. Electrical Distribution Panel Board, Low

Ggd a. C. Electrical Distribution Panel Board, Low Voltage Circuit Breaker Panel, Find Details and Price about Cabinet and Electrical Switch from ZHEJIANG

GGD Distribution Box

Discover GGD distribution box with CE certification, IP45 protection, and surge backup for industrial, household, and outdoor power distribution needs.

GGD series AC low voltage distribution cabinet

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GGD low voltage switchgear, with 400V rated voltage and up to 4000A operating current, provides reliable power distribution and control for power plants,

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