



高低压成套产品

High and low voltage complete sets of products

【 LOW VOLTAGE SWITCHGEAR (GGD, GCK, GCS, MNS) 】

Low-voltage switchgear is suitable for power plant, petroleum, chemical, metallurgy, textile, high-rise building and other industries, as transmission, distribution and electric energy conversion. Products comply with GB7251.1-2013 "Low-voltage switchgear" (IDT IEC60439-1:1999) standard provisions. The low-voltage switchgear belongs to the products listed in the Catalogue of 3C certification mandatory certification products.



GGD fixed low voltage switchgear

Product characteristics :

- (1) Good dynamic thermal stability, novel structure, reasonable, good heat dissipation;
- (2) The electrical scheme is practical, the series of use is strong, the protection level is high, and it can be used as a replacement product;
- (3) Good installation flexibility, will not cause installation problems due to component modification or update;
- (4) Parts adopt modular standard design, with mold mounting holes, universal coefficient, etc.



GCK low pressure draw-out switchgear

Product characteristics :

- (1) High breaking capacity, good dynamic and thermal stability;
- (2) Advanced modular design, compact and reasonable structure, small space, easy to install and maintain;
- (3) Drawer type switchgear, electrical scheme flexible, series, versatility;
- (4) High level of protection, safe and reliable;
- (5) With a clear fault isolation function;
- (6) In line with relevant national and international standards, can meet the market needs of different countries and regions.

The difference between GCK switchgear and GCS switchgear:

- (1) Unit height: the height of the drawer. GCK new cabinet each drawer height 200MM, old cabinet height 240MM; The height of each GCS drawer is 160MM.
- (2) Number of units: the total height of the general chest of drawers is 2.2M, excluding the lower end ventilation and the upper end bus, GCK can be divided into 9 units, GCS can be divided into 11 (standard cabinet).
- (3) Number of drawers: that is, the number of drawers in each unit. GCK is 1, GCS is 2 (or just 1). GCS can do more loops than GCK.
- (4) Extraction propulsion device. GCS is rotary extraction propulsion, assisted by internal mechanical mechanism; GCK is by the large handle, directly pulled out (by manpower).

MNS type low-voltage pull-out switch cabinet

Product characteristics :

- (1) Improve the heat capacity of the adapter, and greatly reduce the additional temperature rise.
- (2) The separation between functional units and compartments is clear and reliable, and the failure of a certain unit does not affect the work of other units, so that the failure is limited to the minimum range.
- (3) Good dynamic and thermal stability, can withstand the impact of high short circuit current.
- (4) The number of circuits in a single cabinet is large, and the need for large-capacity power supply is fully considered.
- (5) The cable connection is completed in the cable compartment, and the cable can be up and down.
- (6) The same power distribution system can limit the short circuit current and stabilize the voltage by matching the current limiting reactor, partially reducing the requirements for the short circuit strength of components.
- (7) The drawer unit has a sufficient number of secondary plug-ins. It can meet the requirements of the number of contact points of computer interface and automatic control loop.



MNS type low-voltage pull-out switch cabinet

Product characteristics :

- (1) Compact design, each unit can accommodate more functional units in a small space.
- (2) The assembly is more flexible and versatile, and can meet the requirements of various structural forms, protection levels and use environments (with 25mm as the module).
- (3) Standardized module design, users can choose to assemble fixed dividers or drawer units according to needs.
- (4) A large number of high-strength, flame-retardant, engineering grade plastic components are used to effectively enhance protection and safety performance.
- (5) The "three" degree is high, and the space for storage and transportation of prefabricated parts is greatly compressed.



The difference between GCK switchgear and GCS switchgear :

- (1) GGD (Fixed switchgear). Fixed cabinet type, small size, simple structure, easy installation and maintenance, good protection performance, strong breaking ability, but the disadvantage is that the loop is less, the unit can not be arbitrarily combined, occupies a large area, and can not be contacted with the computer.
- (2) GCK (draw-out low-voltage switchgear). The draw-out cabinet type has the characteristics of small size, compact structure, convenient transportation and installation, and has high protective performance and service life; GCS (draw-out low-voltage switchgear). Withdrawable cabinet type, with SMF profile as the frame, with 20mm as a reference E, with 160mm as a module, drawer cabinets are generally side outlet; MNS (low voltage switch cabinet). The frame is a combined structure, the basic skeleton is assembled by C-type steel, and the dimensions of the compartments are modulated.

In summary, GGD is a fixed cabinet type, suitable for small distribution rooms; GCK and GCS are withdrawable cabinet types, suitable for various power systems; MNS is a pull-out cabinet type, with high economy and flexibility.