



GBD, GGD low-voltage fixed switchgear

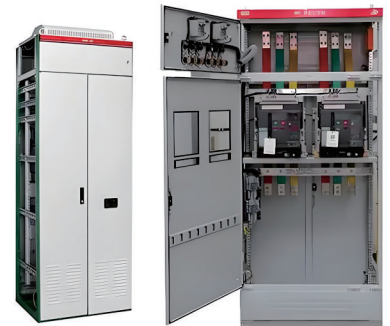
Overview

The GGD and GBD type AC low-voltage distribution cabinets are suitable for AC 50Hz systems with a rated working voltage of up to 660V and a rated current of up to 3150A, for use in power, lighting, and distribution equipment for energy conversion distribution, and control. In addition to standard designs, our company can also design and manufacture non-standard low-voltage control cabinets according to user requirements, to meet needs of different users.

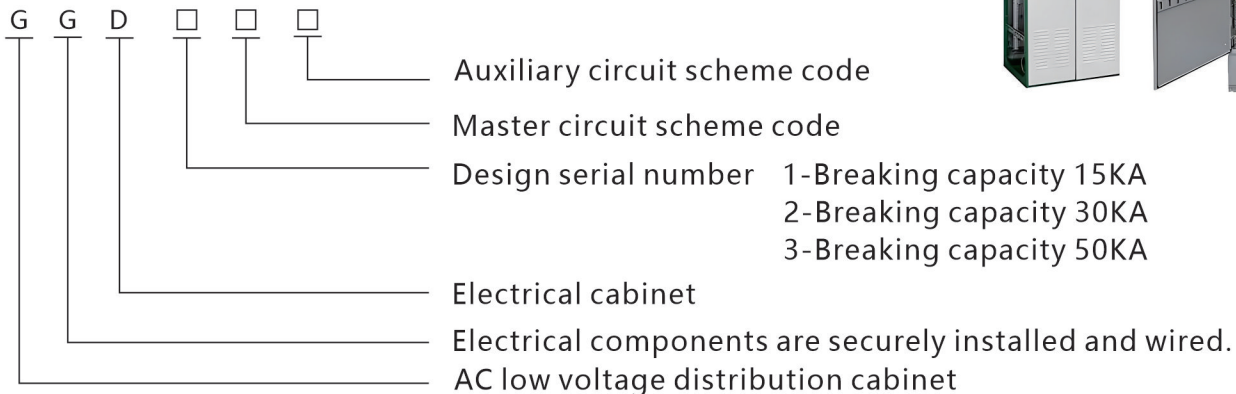


Structural characteristics

The frame is welded and assembled locally with 8MF cold-bent steel, and the frame parts and special accessories are supplied by the steel profile production plant to ensure the accuracy and quality of the cabinet.



Model Description



Operating environmental conditions

The ambient air temperature shall not exceed 40°C and shall not be lower than -5°C. The average temperature within 24 hours not exceed 35°C.

For indoor installation and use, the altitude of the usage location must not exceed 2000m;

The relative humidity of the surrounding air does not exceed 50% at the highest temperature of 40°C, and higher relative humidity is at lower temperatures: (for example, 90% at 20°C), taking into account the possible occasional condensation due to temperature changes.

The inclination of the equipment installation from the vertical plane does not exceed 5%.

The equipment should be installed in a place without severe vibration and impact, as well as in an environment that will not cause corrosion of electrical components.

When users have special requirements, they can negotiate with our company to find a solution.

■ Installation diagram

Product code	A	B	C	D
GGD 06	600	600	450	556
GGD 06A	600	800	450	756
GGD 08	800	600	650	556
GGD 08A	800	800	650	756
GGD 10	1000	600	850	556
GGD 10A	1000	800	850	756
GGD 12A	1200	800	1050	756

■ Main technical parameters

model	Rated voltage (v)	Rated current (v)		Rated short circuit Breaking current (v)	Rated short-time withstand electric current (IS)(kA)	Rated peak withstand electric current(kA)
		A	B			
GGD1	380	A	1000	15	15	30
		B	600(630)			
		C	400			
GGD2	380	A	1500(1600)	30	30	60
		B	1000			
		C				
GGD3	380	A	3150	50	50	105
		B	2500			
		C	2000			

■ Ordering Instructions

- Primary circuit layout diagram
- Schematic diagram of secondary circuit
- Switch cabinet arrangement plan
- When ordering, users must provide the standard scheme number or control requirements and parameters such as power and current, or they can customize it with a drawing

