Low Voltage Power Distribution Cabinet

SGGD-1807

Refer carefully to this manual before operation.

SGGD Series

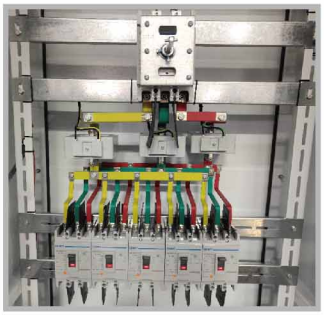
Coding Principle

SGGD - xx xx

- The Width of Machine (Unit: dm)
- The Height of Machine (Unit: dm)
- Shini Low Voltage Power Distribution Cabinet

Features

- The frame adopts enclosed welding structure, ensuring light weight and high strength.
- The design of front door and rear panel with opening and closing structure for convenient wiring;
- The exposed parts such as front door, side plate and top cover are sprayed with surface electrostatic powder, which features uniform coating, cosmetics and corrosion resistant.
- The upper in and lower out structure makes organized wiring and circuit layout for convenient repair, maintenance and replacement.
- The copper bar set inside the case is as the grounding bus and zero line, which has main grounding points and wiring markings, forming a complete earth protection wire.
- The LED light in the cabinet is controlled by the travel switch at the door panel position, and it can light after the opening the door panel.
- The standard door plank manual operator can cut off the power emergently without opening the door for security.
- Equipped with three multi-function meters to display the current, voltage and power in real time;



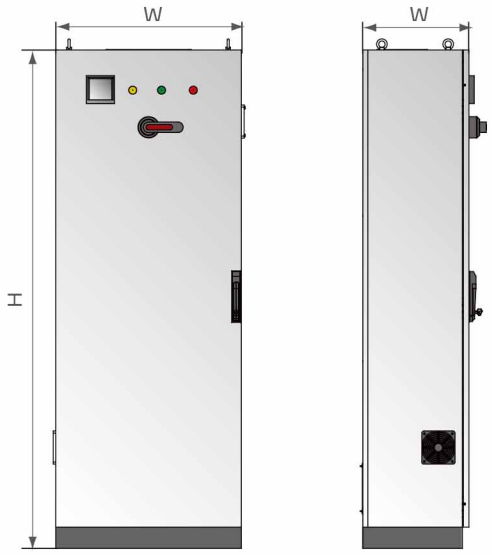
Internal Structure

Application

The SGGD is mainly used to distribute power for the next level of distribution station or each power point, so that it can distribute for each power line as required, and its largest function is for convenient classification or power configuration. When the circuit has a fault, it is conducive to control the fault range, find out the problem and troubleshoot quickly without machine shutdown.

The segmented circuit breaker can select the plastic circuit breaker and miniature circuit breaker according to user demands. The plastic circuit breakers are connected by copper bars, and miniature circuit breakers are connected by single core cables. According to the electrical wiring requirement, the switch gears, measuring instruments, protective appliances and auxiliary equipment are assembled in closed or semi- closed cabinets to form a low-voltage distributor.

Outline Drawings



SGGD-1807

Specifications

Model	The Model of Main Circuit Breaker (The Largest)	NM1-800S					Dimensions (mm) H × W × D
SGGD-1807	The Model of Sub-Circuit Breaker	NM1-63S	NM1-125S	NM1-250S	NM1-400S	BM-63C	1800×700×470
	The Number of Options (The Most)	14	12	10	3	30	

Note: 1) Above table is the max. number of installing the standard cabinet power sub-circuit breakers (single type), and the model selection can mix with the model of sub circuit breaker according to actual power requirements.

2) Power Supply: 3Φ， 400V,50Hz

We reserve the right to change specifications without prior notice.

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