

Low Voltage Outlet Cabinet

◆ Product Description

The Low-Voltage Outgoing Cabinet is the core power distribution equipment of the low-voltage power distribution system. It is mainly used to distribute electrical energy from low-voltage busbars to various electrical loads, and integrates protection, control, and monitoring functions. It is the "distribution and protection hub" for power supply in scenarios such as industrial production, building complexes, and infrastructure.



- Precise Power Distribution + Multiple Protections
- Modular Design + Easy Expansion
- Safety & Compliance + High Reliability
- Flexible Control + Monitorable
- Wide Adaptability + High Durability

◆ Product Structure

- The Low-Voltage Outgoing Cabinet is formed by modular welding of cold-rolled steel plates. It is internally divided into a busbar area, a circuit breaker area, and a terminal block area, equipped with core components such as circuit breakers and current transformers. It is supplemented by installation and fixing structures, operation and observation structures, heat dissipation structures, and a reliable grounding and insulation system, meeting the needs of safe power distribution, convenient maintenance, and flexible expansion.

◆ Typical Applications

- The Low-Voltage Outgoing Cabinet is widely used in scenarios such as industrial production, commercial public buildings, municipal infrastructure, civil buildings, as well as special scenarios including data centers and new energy stations. It provides stable power distribution and safety protection for various electrical equipment.

◆ Typical Product Data and Physical Properties

Model	1A11	1D21	1D23
Dimensions (L*W*H)	600MM*600MM*2200MM	800MM*800MM*2200MM	1000MM*1000MM*2200MM
Main Material	1.5MM Cold-Rolled Steel Plate	2.0MM Cold-Rolled Steel Plate	2.0MM Cold-Rolled Steel Plate
Structure Type	Fixed Type	Fixed Type	Drawout Type
Protection Rating	IP30	IP30	IP40
Rated Working Voltage	AC 380V	AC 380V	AC 380V/660V
Number of Outgoing Circuits	8 Circuits	12 Circuits	16 Circuits
Rated Short-Circuit Withstand Current	4kV	6kV	8kV

Availability:

Item#	型号	Weight
1.4.24.01.0621	1A11	120kg
1.4.24.01.0625	1D21	180kg
1.4.24.01.0627	1D23	250kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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