

Complete Set Company - Power Control System

JM4 High Protection Power Distribution Cabinet



JM4-2 Safe Power Distribution Cabinet

About the Product:

JM4-2 Safe Power Distribution Cabinet is designed and developed by our company which has protective functions against electric leakage, overload and short circuit. It is especially applied to terminal power distribution, lighting and power in such public places as schools, hospitals, shopping malls, business buildings and plants, etc.

Structure Features:

Separate installment—achieve the standardization of non-standardization

Reasonable structure--- large wiring space and capacity

Stable performance---connected by copper rib rows of heat-shrinkable tubes

Safe operation---the operator is isolated with the charged parts; protection rank is IP20

Easy to handle--- the indoor adopts spring hinge, springboard button and unique conductive track.

JM4-2 Safe Power Distribution Cabinet: the protection rank of its shell has reached as high as IP30、 IP41. It allows separate installment of single and double circuit loops in the small cabinet and enables non-standard power distribution cabinet standardized. In some cases, the input wire can be introduced by the cable on the top of the cabinet or directly connected by the input terminal of the Generatrix Bridge.

Installment of the parts: vertical, horizontal and rib type.

Terms of Use :

Environment Temperature:

The maximum temperature is below +40 and the minimum temperature is above -5 . The average temperature in 24 hours is below +35 .

Atmospheric Conditions:

Clean air. The relative temperature is below 50% when the air temperature is

+40 and lower temperature allows relatively high humidity. Eg: +20 , the relative humidity is 90%.

Other Conditions:

Equipments are installed below the height of 2000 meters above sea level.

The earthquake intensity cannot exceed 8 degree. No fire or explosion hazards. The insulated gas and conductive dust are not strong enough to damage or rust power distribution cabinet.

Order Information:

Users should provide the following material when make an order:

Single loop circuit programme code, equipment model, capacity and single track diagram;

Double loop circuit schematic diagram; If the user did not provide requirements, the factory should offer it according to the standards.

Diagram of power box and Layout plan of power distribution room

Main Generatrix specifications if not provide requirements, the factory should offer it according to the standards.

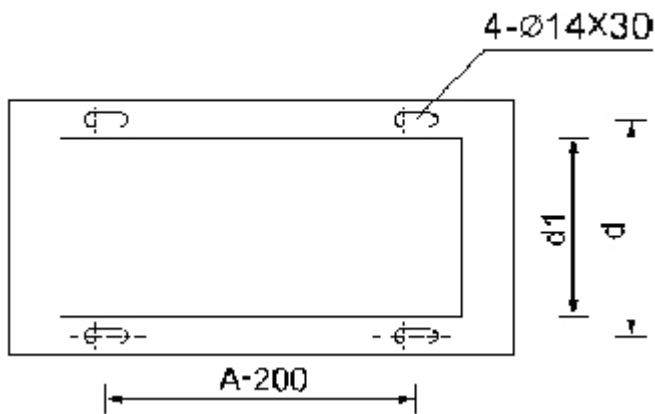
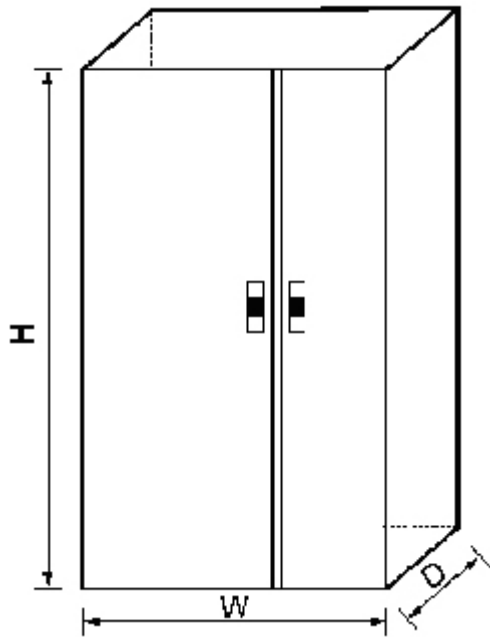
The surface color of the power cabinet (manufacturer standard: light tan)

Other requirements please consult with us.

Technical Data:

| | | | |
|---|---------------------------|--------------------------|----------------|
| Rated voltage of main circuit (V) | | | 380(400)、(660) |
| Rated voltage of auxiliary circuit (V) | | AC | 220、380(400) |
| | | DC | 110、220 |
| Rated frequency(Hz) | | | 50(60) |
| Rated insulation voltage (V) | | | 660(1000) |
| rated current(A) | Horizontal Generatrix | | ≤2500A |
| | Vertical Generatrix (MCC) | | 1000A |
| Generatrix rated short-term current tolerance (KA/1s) | | | 50、80 |
| Generatrix rated peak value current tolerance (KA/0.1s) | | | 105、176 |
| rated frequency of test voltage (V/1min) | | main circuit | 2500 |
| | | auxiliary circuit | 2000 |
| Maximum capacity of motor control(KW) | | | 300 |
| Operation mode Generatrix | | Local, remote, automatic | 2500 |
| | | 3 phase/ 4 wire system | A.B.C.PEN |
| | | 3 phase/ 5 wire system | A.B.C.PE.N |
| Protection Rank | | | IP30、IP41 |

Contour and installation size



JM4-2 Safe Power Distribution Cabinet: IP30/IP41

| model | contour dimension | | | installation dimension | | Inner Frame Dimensions | |
|---------|-------------------|------|-----|------------------------|-----|------------------------|-------|
| | w (D) | H | D | w (d) | d | d1 | (d2) |
| JM4-2-1 | 800 | 1800 | 400 | 650 | 331 | 240 | |
| JM4-2-2 | 800 (600) | 2000 | 400 | 650 (531) | 331 | 240 | (440) |
| JM4-2-3 | 1000 (600) | 2000 | 400 | 850 (531) | 331 | 240 | (440) |
| JM4-2-4 | 600 (400) | 1600 | 300 | 450 (331) | 231 | 140 | (440) |

Honorable Project of SHANGHAI JINZHONG ELECTRIC GROUP CO. LTD---Daqing Oil Field

