

Low Voltage Switchboard

DJE-X series Local Motor Control Panel's design and manufacturing are follow the following standards:

Standard: GB7251.1-2005, IEC60439.1-2004, BSEN60439.1-2004;

Voltage: 380V(AC);

Insulation: 690V(AC);

Frequency: 50Hz or 60Hz,

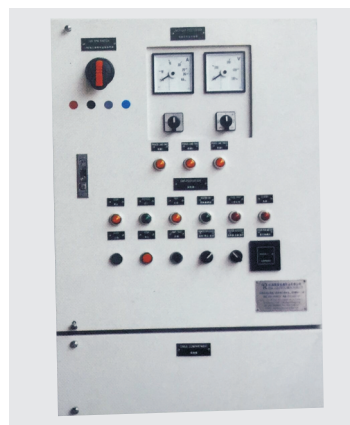
Short Circuit Current: Main Busbar 50KA 1s;

Peak Circuit Current: Main Busbar 105KA;

Main Busbar Current: 630A

Degree of Protection: Standard IP31, optional to change IP41, IP44, IP54, IP65

Construction: Standard Form 3 separation, optional to change to Form 1, 2, 4 separation.



Starter Compartment

DJME series Low Voltage Switchboard and Motor Control Centre's design and manufacture are follow the following standards:

Standard: GB7251.1-2005, IEC60439.1-2004, BSEN60439.1-2004;

Voltage: 380V(AC);

Insulation: 690V(AC);

Frequency: 50Hz or 60Hz;

Short Circuit Current: Horizontal Busbar 50KA 3s, 100KA 1s(5000A/6300A), Vertical Busbar 50KA 1s;

Peak Circuit Current: Horizontal Busbar 105KA, 220KA(5000A/6300A), Vertical Busbar 105KA;

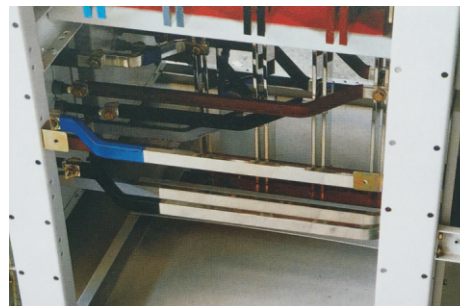
Horizontal Busbar Current: 800A~6300A

Vertical Busbar Current: 800A~4000A Degree of Protection: Standard IP31, optional to change IP41, IP44, IP54

Construction: Standard Form 3 separation, optional to change to Form 3B or 4 separation



Form 3 Separation



Form 4 Separation

Low Voltage Switchboard

DJME series Low Voltage Switchboard is complied to China Standard(GB) and International standard (IEC, BSEN). Its functional units combination can be changed to cope with different requirement.

Frame Work:

Basic module is 100mm by using 2mm electro-galvanized sheet steel and constructed to "C-sharp" as framework.

Base:

To enhance the durability, it normally installed on a U channel with black color coding with three different heights: 40mm, 80mm, 100mm.

Panel Door:

All the doors made of 2mm thick electro-galvanized sheet steel which are inter-changeable with PVC gaskets for dustproof and earthing bonding. Colored with light grey for normal power supply and red for essential power supply. Color can be changed according to different requirement. It normally opened from left hand side to right hand side.

Cover:

All the size and panel cover made of 1.5mm or 2mm electro-galvanized sheet steel which are inter-changeable. For reduce the temperature rise during operation, louver with nest will be provided.

Color:

The whole switchboard finished with impact-resistant stove textured light grey (standard) epoxy powder coating to RAL7035 and other alternative colors on request.

DJME Switchboard may be arranged as either front access type or rear access type. The switchboard is generally subdivided into the following individual compartment:

1. Device Zone
2. Busbar Zone
3. Cabling Zone

Front Access Type Switchboard:

Standard module is 100mm, standard design is 2280mm (22 Module with 80mm Base) height with 830mm (8 Module with 30mm Panel door) depth. Different size can be offered.

Rear Access Type Switchboard: Standard module is 100mm, standard design is 2280mm (22 Module with 80mm Base) height with 1260mm (12 Module with 30mm Panel door and 30mm Rear cover) depth or 1060mm (10 Module with 30mm Panel door and 30mm Rear cover) depth. Different size can be offered.

Device Zone

All devices, measuring and controlling units are installed in a several separate compartment. In case, one of the device unit damage or on fire, it will not spread out and affect other devices as there is space between each compartment.

The neutral link will be provided for TPN device for maintenance propose. Moreover, the panel door will be interlock with all MCCB, Fuse-switch device usually. When the device is On, the door is automatic locked. It can protect the operator safety.