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LOW VOLTAGE
MAIN DISTRIBUTION BOARD(MDBs)

TECHNICAL DATA

Rated Operating Voltage(V): Up to 690V
Rated Insulating Voltage(V): Up to 1000V
Rated Impulse withstand Voltage(kV): Up to 12kV
Rated Frequency: 50/60 Hz
Busbar Type: Pure Copper Bars, with 99,9% conductivity
Rated Current for Main Distribution Busbar(A): Up to 6300A
Conditional Short Circuit Current: Up to 100kA @ 0.2PF
Rated Short-time withstand Current: Up to 100 @ 1sec
Rated Short-time withstand Current: Up to 65 @ 3sec
Incoming Feeders: Up to 6300A
Distribution Feeders: Up to 6300A
Prospective Short Circuit Current: Up to 100kA @ 300ms
Form of Separation: Up to 4b
Ventilation: with Fan / Natural
Skid Base Height: Up to 300mm
Frame Thickness: Up to 3mm
Sheet Metal Material: AluZinc Steel, Electro Galvanized, Stainless Steel
Surface Protection: Electrostatic Powder Coating / Epoxy
Panel Mounting: Free Standing Only
Ambient Temperature: 40°C
Relative Humidity: max. 50% at 40°C
Product Standard: IEC 61439 1-2, IEC 60529 IEC62262, IEC 61641, IEC60068-3-3, IEC60068-2-57, IP65, IK10

INTRODUCTION

The Main Distribution Boards are used to distribute and control the power supply in large buildings such as shopping malls hospitals, universities, and hotels. The main distribution boards are generally installed after the main power source (eg. transformers or generators) and used to divide the power feed into subsidiary outgoing feeders.

APPLICATION

- Hospitals
- Petrochemical Plants
- Airports
- Water Treatment Facilities
- Data Centers
- Major Governmental Facilities
- Defense Support Facilities
- Financial Institutions
- Large Office Buildings

TYPES

- Free Standing Indoor Type Modular Panels
- Free Standing Outdoor Type Modular Panels

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Free Standing Outdoor Type Modular Panels

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