



Custom Built Switchboards



Salient Features

- Low voltage switchboards up to 6300A, 65kA
- Designed to enable quick assembly & provide on site flexibility
- Modular design, easily extensible on either side
- Compact and rugged arrangement
- Single front & space saving double front designs
- Special design allows access on bus bar for maintenance purpose
- Computer aided design 2D & 3D through Inventor
- Latest design as per international standards

Construction

The panel's are metal-enclosed, free-standing compartmentalized, Modular type suitable for indoor and outdoor installations. The Panels are dust and vermin proof and the enclosure shall provide a degree of protection upto IP-55. The Panel boards are fabricated out of adequate thickness mild steel Structural sections and the frames shall be enclosed with cold rolled steel of not less than 2.0 mm thickness.



Excel Power Switchgear Pvt Ltd

Modular Design

The Panel skeleton is made from two profiles, the corner bar and the cross bar. The rest of the partitions, base plates, base channels and doors are all standardized for different sizes in multiples of 30 mm in X, Y and Z axis.

Flexible

These panels are versatile in the features of inter-changeability and can accommodate late minute component additions, changes and even have the doors reversible from left to right and vice versa! Any make of electrical switchgear can be accommodated with ease and extensions to the panels can even be done at site with precision. Modular empowers ready panels, hence the deliveries are practically ex-stock.



Testing

The panel will be completely assembled, wired, adjusted and tested for operation under simulated conditions to ensure accuracy of Wiring, correctness of control scheme and proper functioning of all equipment. The test certificate will be submitted along with the dispatch of panels.

LT Panel Types

- ❖ Fixed Type / Draw out Type PCC
- ❖ Fixed Type / Draw out Type MCC
- ❖ PCC/MCC up to 6000A, 65kA for 1sec
- ❖ Auto Transformer Starter Panel
- ❖ Slip Ring Starter Panel
- ❖ APFC Panel , AMF Panel
- ❖ PCC cum synchronizing Panel
- ❖ ControlDesk , Bus Ducts
- ❖ Feeder Pillars / Marshaling Kiosk
- ❖ Neutral Grounding Resistor Panel
- ❖ Closed Transition Star / Delta Starter Panel



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