

11KV MEDIUM VOLTAGE VCB PANELS

ECS has established a state-of-the-art facility in manufacturing of HV / LV Switchgear, Panel Boards. We are specialized in meeting the technical requirements through design, manufacture, test and supply of MV switch boards Nationwide according to the latest WAPDA P-44-96 specifications with all accessories for efficient and trouble free operations.

The panels are metal-enclosed, free-standing compartmentalized, Modular type suitable for indoor and outdoor applications. The Panels are dust and vermin proof and the enclosure shall provide a degree of protection of not less than IP- 52 and IP-54.

Panel boards are fabricated out of adequate thickness mild steel Structural sections. With air insulated Bus Bars are and made up of high conductivity / purity, Tin coated hard drawn electrolytic copper.

Bus Bars have a fault withstand capacity of equivalent to 25 KA/35KA/50kA 1 Sec matching with the rating of the incoming breaker as mentioned or as required. Fully segregated, suitably braced with insulated Supports placed at appropriate intervals to withstand the electromagnetic stresses during short circuit.

ECS has complete in house facility to assemble the MV panels, wired, and tested for operation under simulated conditions to ensure accuracy of Wiring, correctness of control scheme according to the schematic control diagram and proper functioning of all equipment.

A complete Test report/certificate will be submitted along with the panels.

We at **ECS** fathom the dynamics of your needs and work in tandem with you to design and develop the electrical needs and deploy state of the art solutions to improve system reliability and risk management. Keeping in mind that the investments and criticality of your project, our solutions are tailor made to reduce your risk achieved mainly through our skilled technical and professional team.

Rated Voltage: UP to 24Kv

Rated Current: UP to 2500AMP

High Voltage with Stand Test 35Kv/ 01minute According to the latest WAPDA Specifications.

