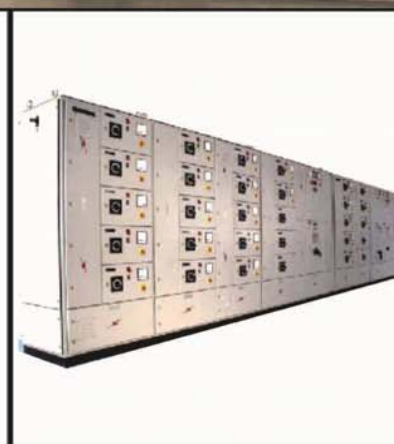




Expert Engineers

Electrical Control Panel Manufacturers



Motor Control Centres

Motor Control Centers are used for connecting the individual motors for manually, remotely or automatically starting, stopping, selecting forward and reverse rotation, selecting and regulating the speed, regulating or limiting the torque and protecting against overload, single phasing, reverse phasing, phase imbalance, earth fault, under current, under/over voltage, lock rotor current, high winding temperature etc.



Power Control Centres

Power Control Centers are used for distribution and control of power with protection of power source and equipments from short circuit, overload, earth fault, under and/or over voltage etc. The fault levels are as high as 50kA or 65kA for 1 second. The appropriate bus bar systems are incorporated to suit the fault level as well as to restrict temperature rise above ambient.

Auto Transformer Starters (ATS)

Auto Transformer Starters are most popular electromechanical reduced voltage starting devices providing maximum starting torque and minimum starting current for large induction motors where availability of starting current is limited but a minimal starting torque is require. An induction motors draws 6 to 10 times of full load current while accelerating to full speed if directly connected to power supply.



APFC Panels

Automatic Power Factor Control Panel are installed to curtail power factor penalty and also to save energy by consistently maintaining higher power factor. Low power factor leads to poor power efficiency resulting in overloading of transformers, bus bars, switchgears, cables and other distribution devices.

Auto Mains Failure Panels

Auto mains failure panels are used to control start/stop of diesel generating sets in accordance with the availability of main power supply. The panels are manufactured for various capacities and different makes of diesel generating sets. These panels are incorporated with battery chargers, various protections for diesel engines.

VFD/PLC Panels

The programmable logic controller is the brain of PLC based panels. These panels are integral part of turnkey industrial automation projects as well as find wide application in standalone control systems and complex process and production operations. The PLC Panels are used with integration of instruments and devices viz VFD, PID Controllers, HMI, Servo Controllers, Digital meters, indicators etc.



SCADA Systems

The supervisory control and data systems (SCADA) are computer based systems to monitor, control, operate and record the processes in manufacturing, production, power generation, fabrication, water treatment, waste water purification, oil and gas pipelines and so-on. The programmable logic controllers connected to sensors in the process converts sensor signals to digital data.



Cable Trays | Raceways

The reliable, adoptable, maintenance friendly and inherent safe cable tray management systems provide excellent ventilation enhancing cable life. The cable tray wiring systems offer significant advantages over conduit pipe and other wiring systems and are less expensive, lower engineering and maintenance cost, ease of installations, less need to reconfigure systems, fewer environmental problems etc.



About us

Expert Engineers are a fast growing professionally managed engineering company engaged in the manufacturing of custom built low voltage electrical switchboards/control panel catering the needs of building, water, power and industrial sectors through its products to empower and enlighten the lives of people.

Our qualified professionals with best of their knowledge, experience and efforts bring together the human expertise and technology associated with innovations and creativity to generate brilliance.

Our products are manufactured as per latest international standards and are the hallmarks of excellence.

Better tomorrows are shaped today.



Vision

Expert Engineers, being a innovative technology driven organization with excellency in its products and services, are committed to contribute in shaping the present and future of India by enhancing prosperity of people and keeping the environment protected with focus on low voltage power distribution and control systems.



QUALITY POLICY

We are committed to achieve customer satisfaction through excellence in design and manufacture, up gradation of product by continual improvement in all quality management system process. We will ensure high quality products, on time delivery and conformance to customer requirements.



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