



Delivering Electrical Solutions since 2003



**Power Control Panel
Manufacturer**

www.electrotechsystems.co.in

About Us

Company History

Electrotech systems is a certified company as a leading manufacturer of complete range of Power and electrical control panels since 2003 for all Industries. Our Manufacturing plant is based in Pilerne Industrial Estate, Goa.

Our Vision

Continuously Innovate and Improve our panels, manufacturing capabilities so as to deliver the best-in-class products for our esteemed customers.

Our Values:

Customer First: Customer Satisfaction is our topmost priority.

Quality Products: Our commitment is to deliver best-in-class quality products.

Team Work: Together everyone achieves more

Quality Policy:

The organization motto is to offer best quality and cost-effective solutions to our clients. All our products are subjected to various quality checks at all levels of manufacturing. We ensure our products are safe, effective and fit for their intended purpose.

Certification:

CPRI type test certification for IP55, 65KA 4000A Short Circuit & 3000A Temperature rise. We also have an ISO 9001-2015 Certified Quality Management System.

We Manufacture >>

- ❑ Power Control Panel
- ❑ Motor Control Panel
- ❑ Automation Panel
- ❑ Power Distribution Panel
- ❑ DG Synchronization Panel
- ❑ VFD Panel
- ❑ APFC Panel
- ❑ PLC Based Power Panel
- ❑ Fire Alarm Control Panel
- ❑ Bus Ducts
- ❑ Feeder Pillar Panel
- ❑ Marine Switchboards
- ❑ Compact Sub Station



PRODUCT RANGE

POWER CONTROL CENTER (PCC) PANELS

Power control center(PCC) panels, that are made of quality raw material and are very well-built in construction. These are used in diverse industrial applications and successfully installed in various industries

Salient Features

- Panel are designed to 70kA fault level
- PCC panels are offered with single, multiple incomers, bus couplers electro/mechanical interlocking.
- Over Load, Short Circuit, Earth Fault Protection, fault indications can be provided
- Audio / Visual Annunciation upon Failure is an option
- PLC Based, Sequential Start/Stop, Interlocking, Remote Control and Monitoring can be provided.
- Design flexibility is incorporated to the optimal level
- AMF, APFC, Synchronization, MCC etc can be incorporated hybrid into the PCC panel.
- Can be designed and fabricated into all shapes and sizes as the site conditions demand
- Manufacturing Range From 100A - 6300A
- Indoor / Outdoor duty conforming up to IP54 protection class



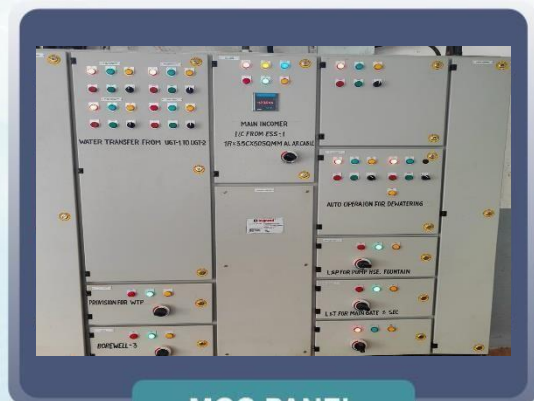
PCC PANEL

MOTOR CONTROL CENTER (MCC) PANELS

Motor control centers(MCC) are simply physical groupings of combination starters into one assembly. Be it DOL, Star-Delta, VFD, Soft Starters. Other devices associated with the motor, such as Audio-Visual indications, LED lamps, Push buttons, All Power and Energy parameter meters etc may also be included.

Salient Features

- PLC based Auto/Remote Start-Stop ; Sequential Start-Stop.
- Floor / Pedestal mounted
- Single Front & Double Front Type
- Type tested for 70kA/1 sec, 50kA/3 sec
- Tailored control using PLC, VFD, Soft starter etc.
- Ample cabling space for easy connections with Top and bottom cable entry.
- Designed for both withdraw able & fixed versions with extendable compartments
- Maximum Controllability with umpteen number of Human and Machine protections
- Modular system with Customized design to meet end user requirements



MCC PANEL

AUTOMATIC POWER FACTOR CONTROL (APFC) PANELS

Automatic power factor correcting panels improves the power factor which in turn improves the power quality. Also leading to increase in the efficiency of power supply, delivering immediate cost savings on electricity. Power Factor can be explained as ratio of active power to apparent power and it is a key factor in measuring electrical consumption. These are incorporated with advanced microprocessor relays to ensure accurate power factor correction.

Salient Features

- Modular concept, expandable design.
- Advanced microprocessor relay to ensure accurate power factor correction in the installation.
- Aesthetically designed enclosure, vermin & dust protected.
- Flush mounted meters to indicate line voltage and current.
- Protection against high inrush current at the time of switching.
- Ready to use design conforming to latest standards



APFC PANEL

PROCESS AUTOMATION PANELS

We manufacture in compliance with set industry standards using excellent quality raw material and advanced technology. Ease in modification of logic, reduced size, remote communications and advances in the technology have given PLC Drive's. Automation Control Panels an edge over conventional relay based systems. We at Vidyut Control and Switchgears provide a comprehensive end to end automation solutions. As per client's & System requirement.

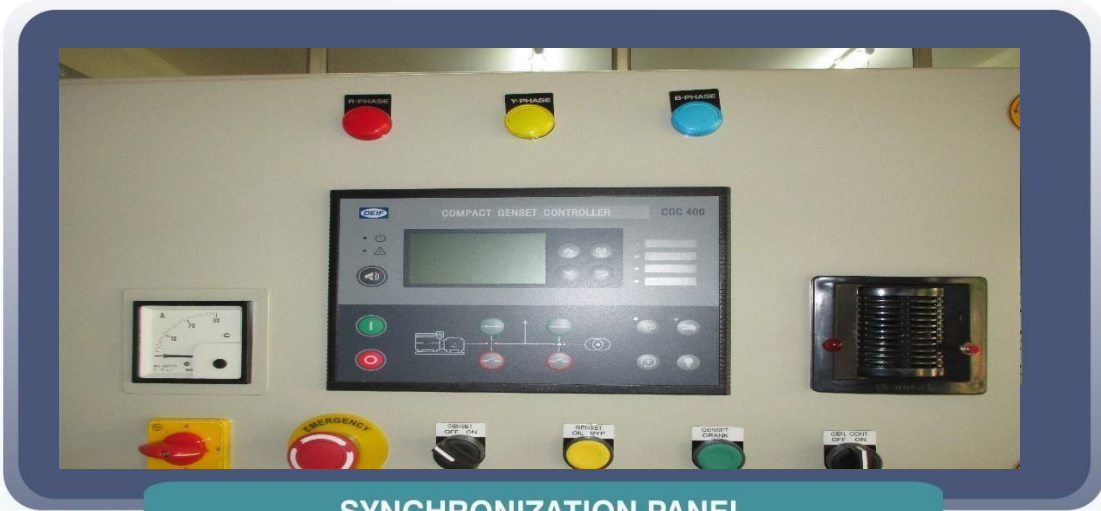


DRIVE PANEL AND CONTROL DESK

DG SYNCHRONIZATION & AMF PANELS

Mains / DG Synchronizing and Load Management

Switchboard assemblies used for synchronizing two or more DG into the system. When the DG is started and brought to operating voltage and frequency it needs to be paralleled at the right moment in order to be able to share the loads of the system.



SYNCHRONIZATION PANEL

LT BUS DUCTS

We are pioneers in design, engineering & manufacturer of various types of bus ducts and bus trunking systems. Our Non-segregated busducts with inter leaving design, provides flexible power distribution Solutions for a variety of applications where change and adaptation are important.

Salient Features

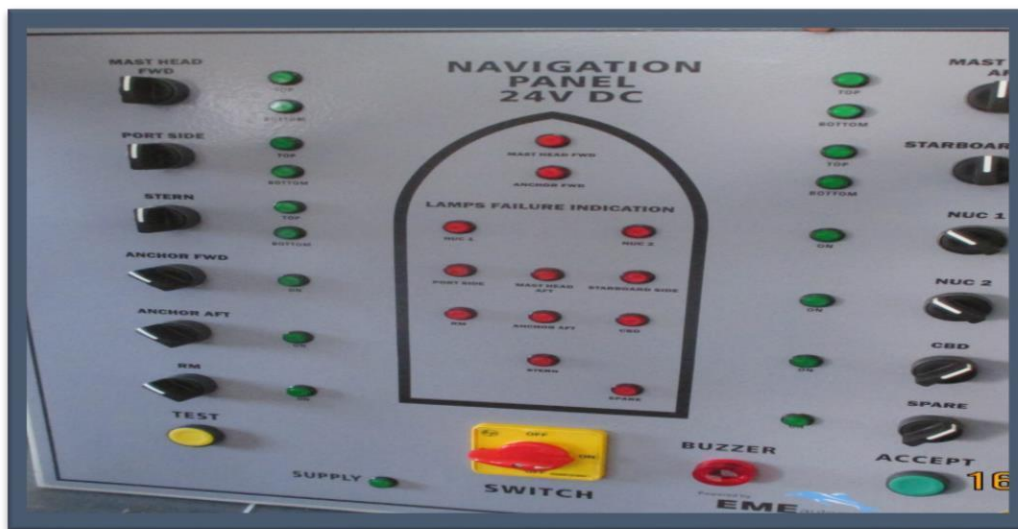
- LT Alluminium/ Copper Bus Duct rated upto,6000Amps and 70KA Short circuit fault level.
- Designing of Bus Duct to achieve required Fault Level, considering temp. Rise, Thermal Rating, Stress, withstand capacity and all applicable de-rating factors.
- Indoor/Out door Duty, Separate adapter at both end With Space heater and earth Bus.
- Indoor/ Outdoor Busducts and Raising Main.



BUS DUCT

Marine Application Panels

We specialize in fabrication of electrical panels for all marine applications. Marine Electrical Panels manufactured by our company follow the follow highest standard of safety and



Fire Alarm Panels

Fire alarm control panel (FACP) receives information from devices designed to detect and report fires, monitors their operational integrity, and provides for automatic control of equipment, and transmission of information necessary to prepare the facility for fire based on a predetermined sequence.



Industries we serve:

1. Manufacturing
2. Hotels
3. Pharmaceutical
4. Builders and Developers
5. Electrical Contractors
6. Shipbuilders
7. Educational Institutions

Our Valuable Clients:



Contact Us



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