All Types OF MFG PCC, MCC, CONTROL PANELS, LT BUSDUCTS AND CABLE WORKS





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Door No : 4-32-41/130/3/A, Allwyn Colony, Kukatpally, Hyderabad, Telangana E-MAIL : ssselectricalsbabu@gmail.com , CELL : +91 9182818625,9989998804

Being a major organization, we manufacture and supply **Power Control Center Panels** (PCC) which are utilized for many industrial usages and provide effective & reliable service for a longer period of time. They offer great distribution as well as controllability of electrical power. We are effectively engrossed in designing & developing of the range of panels upto 6300A busbar rating. Extremely durable and user-friendly, this assortment of **Power Control Center Panels** (PCC) are offered in draws out as well as fixed type configurations of ACBs. In addition, we estimate price for the PCC approximately Rs 20 Lakhs / Piece.

Salient Features:

- Main LT Panel, bus couplers along with proper interlocking, multiple incomers and PCC With single.
- Mechanical/PLC/electrical interlocking, fault indications and protection is provided
- Many designs are brought forward in PCC like Bottom, Middle, Top Horizontal bus chamber, panel with copper or aluminum bus bars, bottom / top / rear / front cable termination, blend of APFC component with PCC
- Facilities like cut-off of non-required feeders at the occurrence of failure of mains power and DG Incomer with AMF Functions
- Panel with facility to link bus duct at key incomer side

With support from our competent procurement team, we manufacture and export a quality range of **Auto Main Failure (AMF) Panels** that are demanded in textile, foundries, buildings and industries. These panels are utilized for distributing emergency power supplies in case of main power failure. To ensure eminence and flawlessness, our offered **Auto Main Failure (AMF) Panels** are rigorously tested on various defined parameters. In addition to this, we offer these panels at market leading prices.

Salient features:

- Electrically or mechanically interlocked pole contactors or MCCBs.
- Fitted with a manual over-ride control
- Can be PLC or relay operated and elective features like auto changeover, auto start, no break change over, etc. are also accessible.

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Automatic Power Factor Control APFC Panels offered by us are installed to keep up the power factor in the required range. There is an advanced microprocessor relays it the panel that ensures precise power factor correction. Adequate space for capacitors, design facilities convenient connection, efficient temperature dissipation, and complete protection against capacitor bank re-energisation before it is completely discharged. Made up of the finest grade material, offered array is applauded for safe usage, low maintenance and simple installation. Also, APFC Panels along with capacitors are alternatively featured with series reactors for the purpose of minimizing harmonic current that may change system current & voltage. Ones can get the Automatic Power Factor Control APFC Panels at approx. Rs 1.75 Lakhs / Piece. Salient features:

- Expandable design and modular concept.
- Advanced microprocessor relay is provided to guarantee exact power factor correction in the installation.
- Elegantly designed enclosure, vermin and dust protected
- There is a flush mounted meters to show line current & voltage.
- Protection against great inrush current during switching
- User-friendly design sustaining to latest standards

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As a preeminent manufacturer and exporter, we offer the finest **Motor Control Center Panels** in the market. These are capable to feed great loads and are developed according to the specifications of clients. It is completely designed in line with the global standards and is accessible with varied power ranges that aid in supporting great capacity industrial motors. The **Motor Control Center Panels** offered by us includes equipments such as multiple kinds of starters, variable frequency drives, soft starters, heavy duty motor controllers along with digital / analog metering, capacitor feeders, feeder circuit breakers, etc. Our company sells the MCC units at approximately Rupees 1.5 Lakh / Piece.

Salient Features:

- Properly wired with ACB / DOL / RDOL / STAR-DELTA / MCCB / SFU / ATS Starters. Multiple designs provide such as fixed or drawout type, single or double front, with marshaling terminations
- Cubicle kind extensible on all side
- There is starters in the system with type 2 co-ordination where needed.
- For Vertical droppers, it also has isolated bus bar chamber.
- Can be run by remote ON/OFF
- Accommodate multiple kinds of cable entries whether bottom, top or a mixture of both, rear or front access, or a hybrid solution utilizing a blend of any type and form. Our company can also adapt varied specific site needs that is the space accessible and access into the kiosk or switch room whether the restrictions be imposed by existing buildings / switch rooms or new builds.

Also, we specialize in PLC Panels and Intelligent Motor Control Centers (IMCC) which provide:

- Increased energy monitoring as well as management
- Enhanced networking or communication capability
- Predictive maintenance capability
- Enhanced flexibility and greater control

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Synchronizing Panels

We are exclusively engaged in offering an excellent range of **Synchronizing Panels** that will operate on an automatic mains failure system, so that when the main supply is interrupted on one or all phases. As per the latest industry standards, our offered product is manufactured using advanced machines and modern technology. These **Synchronizing Panels** find usage in automotive, packaging, engineering and printing industries. Also, these panels are available in various specifications to attain maximum satisfaction of our customers.

Salient Features:

- Well fitted with a manual over-ride control
- Constant operation even for sudden changes in the load
- There is an Auto load shedding facility, which can be incorporated by ideal programming of PLC.

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VFD Control Panels

These are designed to control the speed of electric motor and feed pump. They are widely used in drilling, pumping and other large machine applications. The VFD panels are widely used in tube mills, paper mills, extruder plants, rolling Mills, cable industry and CTL Lines. They are even installed in hospitals, business houses and other public places. VFD control panel are designed to match variable speed requirements of a process unit and so are vigorously tested on various speed parameters.

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Our this range of **AMF panel** includes automatic mains failure detection and starting the D.G. set and putting it online with current limit, battery charger, power inverters, automatic changeover and sine wave inverters.

Application: AMF Panel & Battery Chargers are used where the generators are installed between main AC and load. It will Start and Stop the Generator automatically and Changeover the EB/Generator lines.

Models & Amps/ Kva Rates: 15Kva, 25Kva, 40Kva, 60Kva, 80Kva, 100Kva, upto 600Kva and more.

Features: 1. Provides continuous monitoring of three-phase

- 2. Voltage/current/frequency of mains & DG
- 3. As well as battery voltage of DG
- 4. Available in different models
- 5. Automatic shutdown during DG fault
- 6. Fault indication via LED/LCD
- 7. Configurable solid state output
- 8. Auto/Manual Selector is available
- 9. Auto delay in start of genset
- 10.Genset stop with delay of 3 minutes
- 11.Hooter-alarm annunciation for fail to start
- 12.Checklist to find the fault and to correct
- 13.4st switch control for healthy start and stop of genset
- 14.Manual Start & Stop Switch
- 15.Emergency Stop switch is available

16.Auto LLOP (Low Lube Oil Pressure) and (High Water Temperature) protections are available.

(LLOP & HWT Sensors-Relays are not part of this panel. We provide control wires. Generally generator technicians shall provide this safety sensors according to their Generator's standard.)

17.Cost of 2nos of 4st/Qst switches and 12V heavy-duty stop solenoid are added 18.All comes in a 14 /16 Swg panel with door.

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Our **Power Distribution Panel** are using in applications like power-distribution, control, ground-fault protection and monitoring. Apart from this, Power Distribution Panel also serves as alarm panel for freeze protection, broad temperature-maintenance and heat-tracing applications. These Power Distribution Panels are integrated with ground-fault circuit breakers in an enclosure having assembled circuit-breaker panel board with or without alarms contacts. Furthermore, equipped with the group control package, Power Distribution Panels have the capability of automating operation in conjunction with an ambient-sensing thermostat, individual electronic or duty cycle controller.

We provide services in manufacturing of non compartmentalized Power Distribution Panels –Boards popularly called PDBs in industries.

Compartmentalised MCC was popular in earlier days from view of separate feeder. But from view of better heat efficiency of components and saving of space non compartmentalized PDBs are increasingly popular

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These offer advantage of access to multiple devices at a glance and also saving of money due to much shorter lengths of wiring and termination. We provide power distribution boards with SIEMENS, SCHNEIDER, L&T,ABB switchgear.



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Bus Duct & Bus Trunking

Presenting a range of bus ducts and rising mains which can be operated with less than 35 degree celsius temperature rise over an ambient of 40 degree celsius. The nonsegregated Bus Ducts with inter leaving design are aptly designed for indoor and outdoor installation with IP: 55 degree of protection. All our bus duct systems are type tested. We are pioneer in design, engineering & manufacturer of various types of bus ducts and bus trunking systems

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Product Description:

Owing to years of experience and knowledge, we offer wide assortment of EB Service Panel Board which is manufactured by the skilled professionals of our company. This Service Panel Board is highly demanded by clients due to its high reliability and long life.

Features:

18 swg SHEET, Powder coating, vermi proof, dust proof.

- Copper Bus Bar
- Cost effective
- Various applications(COMMERCIAL COMPLEX, APARTMENTS)

We have emerged as a leader in manufacturing and supplying in all type of Meter Panel Board. For the fabrication of these products, we use quality grade material and modern technology. Designed and developed under the guidance of experienced professionals in accordance to international quality standard, these are used in various industries for different applications. Due to their high efficiency, long lasting performance, sturdy construction, heat resistance, robust design and low maintenance, these are highly admired by the clients. Our electrical panel boards are available in very competitive prices and high quality panel board manufactures.

Street Light Poles

We manufacture vide range of steel tubular street lighting poles Swaged Type or Stepped Type based on the sizes as per Client Requirement. The poles can be ground mounted or pedestal mounted with external mounted junction boxes or integral junction box inside the poles. We also manufacture vide range of decorative street / garden lighting poles, solar panel mounted lighting poles&cctv poles fabricated as per clients requirement or as per our own design.

Material Used : MS Galvanized

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Product Description:

We have ITC brand electrical industrial plug and sockets. Different pin of electrical wall mounting plug and sockets. Dust proof multi pin plugs and sockets. The cases and inlets are made of high-grade plastic nylon66. The material has extremely good insulation ability and it is unbreakable, wearable long-time durable, resistant against oil, gasoline and salt water. Almost non again, extremely cold-proof and splashproof and it is installed easily through moveable cable clamp, used securely and reliable. IP44 and IP64 protection degree.



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