



www.abhishekelectricals.in



Cell: 9866351199 | E-mail : abhishekelectricals4377@gmail.com

Main Electrical Services of ABHISHEK ELECTRICALS

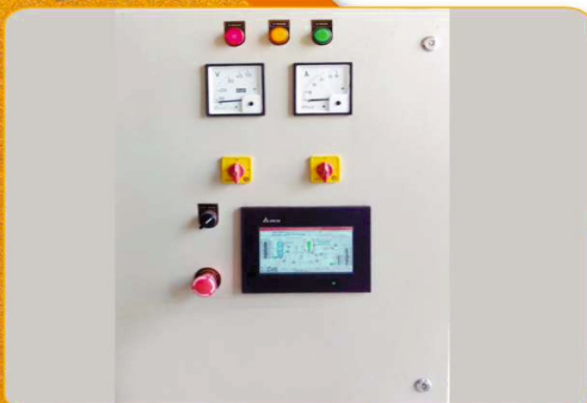
- ✓ Electrical Design & Implementation of LV Systems
- ✓ Electrical Control Panel Builders
- ✓ Electrical Erection & Commissioning
- ✓ EMS (Energy Monitoring System) Projects
- ✓ Supply Commissioning, Operation & Maintenance of control Panels
- ✓ Cable Laying, Termination, Installation of Electrical Equipment.

ABOUT US

Moving on deep Knowledge and industrial experience, We are offering a very effective solution for electrical engineering. The offered services are offered by our proficient professionals by using progressive technology and tools. ABHISHEK ELECTRICALS manufactures high-quality control panels for a wide variety of applications. Our domain expertise has enabled us to come up with excellent collection of nearly all types of Industrial Panel. Choose from PLC Panels, Motor Control center panels, APFC Panels, Power control center panels, Variable Frequency Drive(VFD)Panels, Junction Boxes and Power distribution boxes & Lighting panels. Our panel enclosures are manufactured using superior-grade raw material procured from same of the well-known and reliable vendors of the industry, so we do can supply Stainless steel panels, Metal steel panels and Flame proof panels and Weather proof panels. Our products are fabricated under the guidance of experienced professionals to ensure production of defect-free & superior quality range.

CONTROL PANELS

- ✓ Complete design & assembly capability
 - ✓ Independent QC department
 - ✓ In-house automation team
 - ✓ Site commissioning team
 - ✓ Schematic & Outline drawing
 - ✓ Completely prewired, for easy installation
 - ✓ CNC construction
 - ✓ Safe and reliable operation
 - ✓ Certified panels from IP42 to IP65
 - ✓ Components from Tier – 1 vendors
 - ✓ Labelled and Colour coded wiring
 - ✓ 3D-CAD (Eplan & Auto CAD)
- ✓ We engaged in supplying and manufacturing a wide range of Control Panel.
 - ✓ These panels are made using quality raw materials as these high performing control panels are used widely over in many industrial and other applications.
 - ✓ The flowless design and superior framing of these panels have made it the first choice of the customers.



PCC (POWER CONTROL CENTER PANELS)

Owing to our expertise in this domain. We are engaged in offering a supreme quality PCC Panel that is used to supervise and control the voltage of power systems. Power Control Center panels for various industrial applications to provide reliable and effective distribution service. They are used to supervise and control the voltage and reactive power of the power system.

The panels will undergo pretreatment for Decreasing. Water rinsing & De-rusting Phosphating. It will be painted with Power Coated or Sythetic enamel as per the requirements. Bus Bars / Internal Wiring uniform cross section and supported by SMC/DMC bases. Earthing Bus Bars will be running all along the Panels. Same of the Applications of PCCs are Dairy, Plastic Industry, Refrigeration plants.

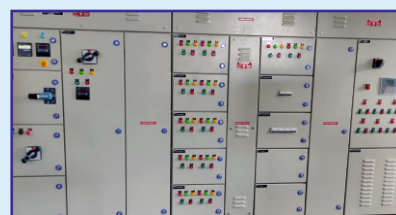


MCC (MOTOR CONTROL CENTER) PANELS

We design & manufacture low voltage switchgear panels & motor control center. Our in house design & good engineering practices in manufacturing combined together forms the ideal solution to the most demanding motor control applications throughout the industrial market.

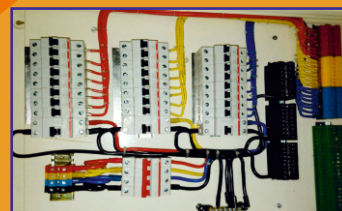
A motor control is a device or group of devices that serves to govern in some predetermined manner the performance of an electric motor. A motor controller might include a manual or automatic means for starting and stopping the motor, selecting forward or reverse rotation, selecting and regulating the speed, regulating or limiting the torque, and protecting against overloads and faults. Every electric motor has controller. The motor controller will have differing features and complexity depending on the task that the motor will be performing on.

- ✓ CNC construction
- ✓ Safe and reliable operation
- ✓ Certified panels from IP 42 to IP65
- ✓ Components from Tier – 1 vendors
- ✓ Labelled and colour coded wiring
- ✓ 3D-CAD (Solid works & Auto CAD)
- ✓ Easy operation
- ✓ Controlling heavy starting currents.



LIGHTING PANELS

It allow the most cost effective ratings for the particular application. Two three-pole breakers may be fitted with a range of internal accessories (shunt trip, undervoltage release, auxiliary switch, bell alarm), when fitted to the three-pole mounting base, the TEY family circuit breakers can be used in unit mount/lug-lug type installations.



APFC PANEL

- ✓ Modular to upgrade, up to 500 KVAR
- ✓ Corporation : L&T, ABB, Epcos
- ✓ PF controllers : Epcos, L&T, Schneider
- ✓ Thyristorised of contractor based
- ✓ Designed with the concept of modularity
- ✓ Easiness in operation, very low manual Intervention
- ✓ Avoid power factor penalty



Designed with the concept of modularity which allows upgrading of KVAR rating as and when required. Advanced microprocessor based relay used to ensure real time power factor correction in the installation. Current limiting contractors are used which are speciality designed capacitor switch.

They are used to supervise and Control the voltage and reactive power of the power system. We manufacture and supply a qualitative range of APFC panels, that are extensively used in various industries. These automatic power factor control panel (APFC) are designed and developed using advanced techniques and are capable of saving maximum power and energy, these APFC Panel are highly efficient and accurately monitor the reactive power in power systems for saving energy and can after the system voltage as well as current.

PLC PANELS

We are a reckoned organization engaged in manufacturing and supplying a comprehensive range of PLC Panels. These panels are highly appreciated for their longer functional life, easy installation and low maintenance. Our professionals make optimum utilization of the resources and develop excellent quality range of panels for the clients. Our professionals make sure to deliver effective range of panels of nominal prices to the clients.

- ✓ SS / MS / FRP / FLP Panels
- ✓ Integrated with PLC, HMI, Barriers, VFD etc.
- ✓ HMI's with screen size 3.50 to 220
- ✓ PLC's from Siemens / AB / FUJI / Mitsubishi ABB / Schneider / Delta etc.
- ✓ Des type / Floor standing / Wall mount
- ✓ Customised as per requirement.



VFD (VARIABLE FREQUENCY DRIVE) PANELS

VFD Panels are designed to control the speed and torque of electric motors by varying input frequency and voltage to motors. VFD Panels are used as energy saving devices as they adjust motor speed under no load conditions or as required by the process. Such energy cost savings are especially pronounced in variable torque centrifugal fan and pump applications where there is large power reduction for a relatively small reduction in speed. We design and manufactured a diverse range of VFD panels for varied applications (Closed-loop and open-loop applications).

- ✓ AHU / Chiller control
- ✓ Pump / Motor / Blower speed control
- ✓ Reactor control
- ✓ Conveyor / Crone system
- ✓ Remote / Local / Bypass control options
- ✓ 1-400 HP (0.7457 KW-298.28 KW) drive panel
- ✓ Siemens/AB/Dantoss / Mitsubshi / Schneider / Yaskawa / Delta.



BUS DUCTS

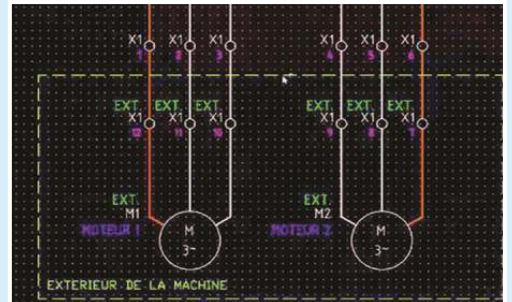
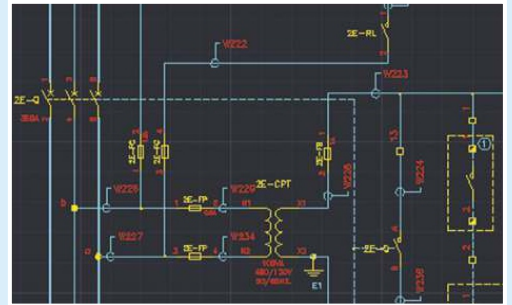
We have emerged as one of the most prominent names in the industry engaged in manufacturing and supplying a wide range of Bus Duct. The ducts offered by us are widely used in automobile industry for varied purposes. Our items can be availed at reasonable rates in different grades and dimensions that suits best with the demands and requirements of our valued clients. We use high grade raw material for the manufacturing of these items that makes them durable



ELECTRICAL DESIGN & DEVELOPMENT

- ✓ Understanding customer standards and requirements
- ✓ Design & Development of Electrical layouts
- ✓ Creation of SLD
- ✓ Electrical Engineering
- ✓ Electrical design and implementation of LV & HV systems
- ✓ Panel design and construction
- ✓ Supply, Commissioning, Operation & Maintenance of control panels

With the increasing complexity of electronic devices, computers have become imperative in electrical design, so we are designing electrical layouts by using E-plan & AutoCAD



WE DEAL IN

SIEMENS

ABB

Schneider
Electric



C&S
electric

legrand®



ABHISHEK ELECTRICALS

www.abhishekelectricals.in

#A-26, Apurupa Colony, IDA, Jeedimetla, Hyderabad - 55.
Cell: 9866351199 | E-mail : abhishekelectricals4377@gmail.com