CHAMUNDA

ELETROMECH SOLUTION

Authorised Channel Partner of Stelmec Ltd.

A ONE STOP SOLUTION

MAKE IN INDIA

Skill India
कौशल भारत - कुशल भारत

OUR VISION

We continuously and sincerely put efforts to enhance our technical Knowledge through excellent industrial interaction which has developed a unique dimension to our product and final system execution. We believe that our product quality and efficient After Sale Service system is enhanced by developing deep and transparent relationship with our esteemed clients. Our company "**Chamunda EletroMech Solution**" has been widely acclaimed as one of the most reliable manufacturing, supplying, as well as distributing firm in the whole market arena. Our customers have appreciated us for providing them with a highly accurate and qualitative range of Electrical Panels and other services. This are inclined to provide our clients with the option of customization as per their specifications. We supply there to our varied clients pertaining from electrical and mechanical industries. Ensuring a complete safeguarding of the electrical and power arrangements, these panels are effective enough in their area of applications. We provide these panel to our clients on the most competitive and industry leading prices. In addition to this we are also providing our clients with specific services such as Installation and Repairing of these panel from time to time. These electrical panels manufactured by us have made from some of the best raw materials procured from reliable OUR MISSION To provide best Quality, Highly Reliable, Human Friendly, Highly Safe & Cost Effective solutions and services as per customers applications & requirements. To achieve success through the commitment of our employees and actively engage, empower and continuously develop our workforce. OUR VISION is be a BRAND, where the name is enough for buyer to choose.

OUR PRODUCTS

- 11KV VCB PANEL (HT PANEL)
- HT METERING CUBICLE (HTMC)
- RING MAIN UNIT (RMU)
- MOTOR CONTROL CENTER (M.C.C.) PANELS
- POWER CONTROL CENTER (P.C.C.) PANELS
- SYNCHRONIZING AND AUTO LOAD SHARING PANEL
- APFC PANEL / RTPFC PANEL / THYRISTOR PANEL
- FIRE FIGHTING PANEL / FIRE PUMP CONTROL PANEL
- STREET LIGHT CONTROL PANEL (OUTDOOR TYPE - I.P65)
- VFD CONTROL PANEL
- BUSDUCT ALUMINIUM / COPPER
- PLC CONTROL PANEL
- LADDER / PERFORATED CABLE TRAY
- HVAC / SEWAGE / PRESSURE BOOSTER PUMP PANEL

11KV VCB PANEL (HT PANEL)

We are instrumental in offering a wide range of VCB panels, which is suitable for medium, high voltage applications and indoor as well as outdoor installation. These vacuum circuit breaker (VCB) panels are durable and offer excellent performance. These panels are designed for use in 11kv/33kv systems and can be operated manually or with the help of a motor.

Control and protection of the power supply to motors, transformers, capacitors and other feeder circuits. Designed for indoor / outdoor use and is particularly suitable for

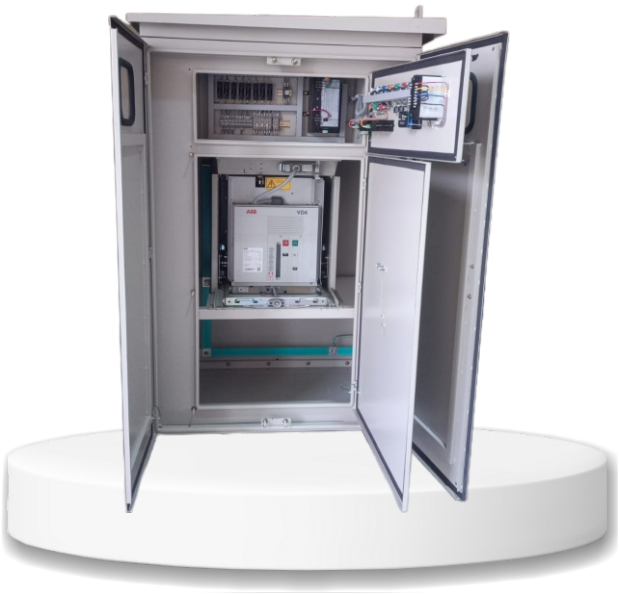
Rated voltage (frequency 50Hz)	12 kV
Rated current of feeders	1250 A
Rated current of the busbar	2000 A
Rated power frequency withstand voltage (rms) 60 sec.	28 kV
Rated lighting impulse withstand voltage (peak) 1.2/50 microsec.	75 kV
Rated short circuit Breaking current (rms)	26.3 kA
Rated short time current (rms) withstand (3 sec.)	26.3 kA
Rated short Circuit Making current (peak)	66 kA

RMU - Ring Main Unit

Breaker Type	VCB
Breaker Type	LBS
Motorised Appliable	NA
SCADA Applicable	NA
Extensible Applicable	NA
Indoor / Outdoor Application	Outdoor
IP Rating	54
Rated Voltage (Frequency 50Hz)	12kv
Rated Current of feeders	800 A
Rated Current of the busbar	800 A
Rated short circuit Breaking current	21KA/3Sec.

HT METERING CUBICLE (HTMC)

HT Metering Cubicle(HTMC) is a weatherproof enclosed compartment for CTPT unit for HT Consumers Consist its Protection switchgear, Metering Compartment, and other accessories. The HTMC provides a smooth mechanism for replacement of CTPT unit as it is done by trolley transfer method. The handling is easy and it does not require the extra appliances like chain pulley block. It, even, shortens the time for the replacement of CTPT. The HTMC with LBS provides accurate protection by virtue of HRC fuses/ VCB against overhead DO fuses. The HTMC is installed on a well-constructed plinth. This provides an easy access point with respect to overhead lines.



MOTOR CONTROL CENTER (M.C.C.) PANELS

MCC Panel (motor control center) is used for motor control of various electrical power Industries. Therefore, it is most important in electricity. MCC panel is an Electrical control panel in LT panels. In other words, it can control the motor from generation to production.

POWER CONTROL CENTER (P.C.C.) PANELS

A Power Control Center (PCC) panel is an essential component of an electrical distribution system in industrial and commercial facilities. Its primary function is to distribute, control, and monitor electrical power supply to various loads within a facility. The PCC panel plays a crucial role in ensuring safe and efficient power distribution. Here are some of its main functions. This panel allows for the selective switching and control of electrical loads. It can accommodate multiple circuit breakers or switchgear components, each connected to specific loads. This enables the facility to manage its power consumption effectively.

SYNCHRONIZING AND AUTO LOAD SHARING PANEL

Synchronization and Automatic Load Sharing between multiple Power sources/lines like Mains, Grid, Generators. This is Microprocessor based Controller with a high degree of customization, which can be configured to meet the Clients requirements. Synchronizing as well as precise KW Load haring with inbuilt protections for engine, generators and mains like over current, overload, earth fault, Reverse power, over/under voltage, low oil pressure, high water temp, over speed and SYNC CHECK, AMF, etc. Also GRID paralleling is possible with import / export control PLC for system logic configurable input / output as per requirement

APFC PANEL / RTPFC PANEL / THYRISTOR PANEL

Through a microcontroller-based power factor correction relay, the panel continuously monitors the power factor of the electrical system. The microcontroller calculates the power factor required to maintain the desired level based on the system's reactive power (kVAR) required by the inductive loads. panel consists of multiple capacitors and a controller. These capacitors have different ratings. The current from the circuit is sensed and given as input to the controller. The controller identifies how much reactive power is being generated in the circuit and tries to compensate it by switchin capacitors on or off.

FIRE FIGHTING PANEL / FIRE PUMP CONTROL PANEL

Fire panel works in general, note that when a fire breaks out, the fire panel receives a signal from smoke detectors, the fire sprinkler system, a manual call point or a pull switch in the building. This means it can't detect the fire on its own, but it can respond to the signals it gets from the systems that detect the smoke. At that point, the fire panel's response is activated, which might include making a loud noise and lighting up to warn people of the fire, and then it may send a signal to the fire department or alarm company to get emergency crews to rush to the building and put out the flames.

STREET LIGHT CONTROL PANEL (OUTDOOR TYPE – I.P65)

We offer a large assortment of Panels in various ranges like Feeder Panels, Web Based Panels, Energy Saver Panels, High Mast Panels and Street Light Feeder Panel. These panels are widely appreciated for having comprehensive features like sturdy construction, high performance, low maintenance and long functional life. Moreover, these Panels are fabricated using latest technology and fine raw material procured from trustworthy vendors in the market.

VFD & PLC CONTROL PANEL

he VFD Panel (Variable Frequency drive panel) also known as VFD Control Panel are designed to control the speed of the electric motor and feed pump. They are widely used in drilling, pumping and other large machine applications like Conveyor and Compressor. AND Programmable Logic Controllers (PLCs) are small industrial computers with modular components designed to automate customized control processes. PLCs are often used in factories and industrial plants to control motors, pumps, lights, fans, circuit breakers and other machinery. Integrated PLC Panel can monitor any process and provide data wherever and however you need it.

BUSDUCT ALUMINIUM / COPPER

In electric power distribution, a bus duct (also called busway) typically uses sheet metal, welded metal or cast resin to contain and isolate copper or aluminium busbars for the purpose of conducting a substantial current of electricity. It is an alternative means of conducting electricity to power cables or cable bus. Bus duct is mostly used in the industrial sites for effective and efficient supply of electricity. This is one of the effective methods of distributing power to various loads without facing any kind of trouble. Countless similar products available in the market but one of the best that provide great functional efficiency are Bus duct. The use of bus duct makes the use of machine easier that need to move again and again. Numerous types of Bus ducts available in the market for instance Plug-in bus duct, cable bus duct, electrical bus duct

CHAMUNDA
ELETROMECH SOLUTION

Authorised Channel Partner of
stelmec®
beyond boundaries

www.chamundagroup.com

info@chamundagroup.com | marketing@chamundagroup.com

8866189494 | 8866189696 | 8866189797

Factory Address : 356/1, Rudra Industrial Park,
Bakrol – Dhamatwan Road, Bakrol (G.I.D.C.) - 382433 Gujarat.