



# VIDYUT CONTROL & SWITCHGEARS

An ISO9001:2015 Certified Company



Authorized Distributor & Channel Partner For

**Schneider**  
Electric

**PHENIX**  
CONTACT  
INSPIRING INNOVATIONS

**RR** KABEL  
WIRES & CABLES

## ABOUT US



### Company History

**Vidyut Control and Switchgears** An **ISO 9001:2015** certified company as a leading manufacturer of complete range of electrical control panels we offer our services to various blue chip clients & government institutions. Our manufacturing activities are based at Ujjain (M.P.). We are working on extremely modern international quality system & management practices at our extremely well maintained manufacturing unit.

### Our Vision

"Creating harmony between our vastly experienced and skilled technicians and the dedicated management team and unshakeable commitment to quality and time bound completion, ensure repeated successes.

### Our Values

- **Customer First**-Customer Satisfaction is our top most priority, we always have &always will, put our customer's need first.
- **Commitment** - Our commitment is to deliver quality product.
- **Excellence** - Creating business value with operational excellence.
- **Team Work** - Together everyone achieves more by creating strong and successful work relationship

### Quality Policy

Our organization has been awarded the prestigious ISO 9001:2008 certifications, owing to our rigorous efforts and commitment towards delivering superior quality products. With the help of our team of quality experts including the quality controllers and production managers, we make sure that each product is tested and verified as per highest standards. We scrutinize the product line to ensure features like precision in design, excellent performance and long servicing life. Gradual loading and precision monitoring are also tested in the devices. We make sure that clients receive flawless, scratch-less products from our end.

## CERTIFICATES

#### ISO 9001:2015



#### CPRI REPORT – TYPE TEST



#### CPRI REPORT - IP65



#### MSME



#### FIEO CERTIFICATION





## 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 confirming up to IP54 protection class



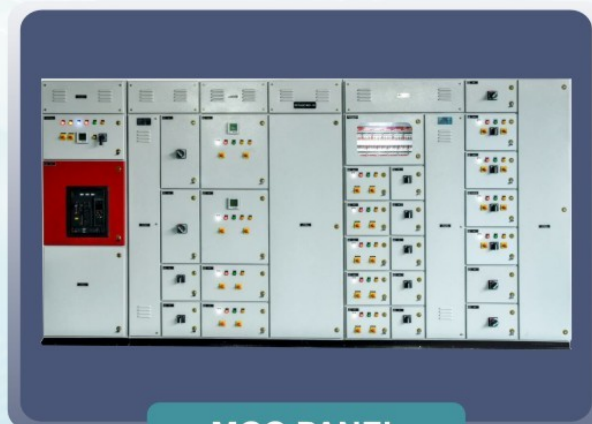
PCC PANEL

### 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

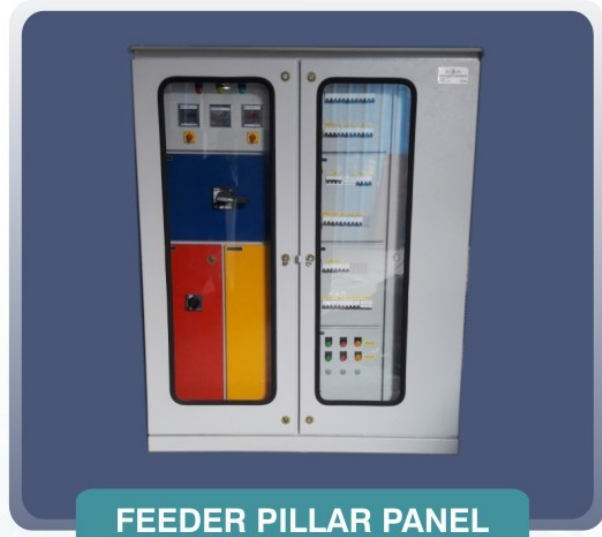
- LT Aluminium/ Copper Bus Duct rated upto,6000Amps and 70KA Short circuit fault level.
- Designing of Bus Duct to achieve required Fault Level, considering temp. Rise, Thermal Rating, Stress, withstand capacity and all applicable de-rating factors.
- Indoor/Out door Duty, Separate adapter at both end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



BUS DUCT

## FEEDER PILLARS

Switchboard assemblies that provides local isolation to electrical distribution equipment, protecting both the cabling and the transformer from faults. Feeder pillars allow simple and local maintenance to your equipment, reducing site downtime and reducing overall maintenance costs.



FEEDER PILLAR PANEL

## ACDB & DCDB FOR SOLAR APPLICATION

We are the Leading Supplier of Solar ACDB, DCDB, Array Junction Box, Solar Combiner Box, LT panels, Metering Panels and all type of Solar AC/DC Distribution Boards, AC Distribution Panel Board (DPB) will be control the AC power from PCU/inverter, and should have necessary surge arrestors. We are having capacity of Manufacturing ACDB up to **1000VAC** system.

All indoor panels have protected with IP54 or better even more all outdoor panels have protected with IP65. More than **300MW** capacity of plants are running with our system across the globe.

In Addition we are also supplying various material like Cable Trays, Earthing Solution, PVC & DWC Pipes, Fire extinguisher, Cable Ties, Hardware & other miscellaneous accessories required for Solar installation.



DCDB



ACDB



## OUR VALUABLE CLIENTS



CG Power Solutions

ADITYA BIRLA



GRASIM



Ambuja  
Cement

**UltraTech**  
CEMENT



SIMPLEX METAL PROCESSORS



DILIP BUILDCON LIMITED  
INFRASTRUCTURE & BEYOND



GAIL (India) Limited



Ujaas Energy Ltd.



Shriji Polymers (India) Limited



ITL Industries Ltd.



Hindustan Zinc Limited



VEDANSH GROUP



**KSHEMA POWER**  
AND INFRASTRUCTURE COMPANY PVT. LTD.  
*Sustainable Resources. Valuable Solutions*





**BHAGIRATH BROTHERS**  
Moving Together Ahead



## **Vidyut Control & Switchgears**

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