



Original Since 1998

We provide advanced & affordable

# INDUSTRIAL AUTOMATION SOLUTION

## Manufacturing & Commissioning of:

Power Control Center, Motor Control Center,  
Power Distribution Boards, VCB Panel, Control Desks,  
Control & Relay Panels, PLC & AC/DC Drive Panels,  
Bus Ducts & Bus Trucking, Chemical Earthing  
D.G. Synchronization Panel,  
Cable Tray & Ladder Cable Tray.



[www.paekuljit.com](http://www.paekuljit.com)

# About Us

Established in the year **1998** we are engaged in manufacturing and supplying Control Panel Centers, Motor Control Centers, Fire Fighting Panel, Bus Ducts, Process Control Panels, Standard Control Panels, Logix Control Panel, Power Control Centers, Control Panels, Motor Control Panels, LT Control Panels, Automatic Control Panels, SPM Machine Control Panels, Medium Voltage Switchboards, Electric Enclosures, Automatic Power Factor Control Panels, Distribution Panel Board, Power Factor Control Panels, Control Panels for ETP, Conventional Panels, Industrial Control Panels, Electric Enclosures and Controllers, MDI Controllers, Electric Enclosure, Feeder Pillar & AC Drives, AC variable Frequency Drives, Feeder Pillars, Control Panel Boards, Electric Control Panels Board, Outdoor Panel, Outdoor Double Door Panel, Transfer Switches Panel, ATS Panel, DB Panel, Distribution Board Panel.

We employ over **65** people, including Engineers, Technicians and supervisors. Additionally we have floating employee and consultants whom we engage on a project basis. We are located at our own premises at Ludhiana. You can be sure to get well-engineered solutions, since we are backed by our own in house, Panel Engineering facilities. In the unlikely event of your needing a post-sale support or maintenance, we provide after sales services to our clients all over the country. We have our own design, sheet treatment, painting powder coating, wiring, assembly and testing facilities for a wide variety of panel and automatic solutions. All our products are tested before dispatch.

At each step of manufacturing quality is ensured. We hold training sessions for our staff on a regular basis to updated their knowledge, so that are clients get the best products. We believe in long term business relationship. Our ultimate aim is to satisfy our clients with our services. We do not compromise with the quality, genuineness and workmanship which leave a permanent on our customer and invariability they recommended our service.

## Infrastructure

We are supported by our state-of-art infrastructural support. Being spacious it has been segregated into units for maintaining a proper flow of work internally to deliver a best range of products. In our manufacturing unit, we have installation of latest machines and other technical facilities that acts as a support system for us.

Conventional Panel: Use Mirco-Contoller based control cards developed specially by our Engineers. Analog type sensors, Transmitters are directly connected to the control card of the panel Instrumentation of various parameters generated from the same tansmitter. Analog gauges to display the various parameters, different transmitters and switches to generate alram and trip faults. Indicating lamps/Annunciation window for fault indications, all the alarms and trips have separate indication.

## Quality & Testing

We are committed towards offering optimum quality products and services. We procure our raw material from reliable dealers in the market. All our product conform to the globally acceptable quality standards.

We endeavor strict quality norms and regular quality tests at each level of production, from designing to commissioning of our products. Our state-of-art infrastructure is well furnished with sophisticated technology and modern machines to supply quality and innovative products in the market.

### **PREVENTIVE MAINTENANCE CONTRACT:**

To supply productive and generative machines at standardized rates, we undertake preventive maintenance contract. We executive calibration of various types of protection relays, transformer, energy meters etc. Besides, we perform filtration, testing and servicing of all kind of breakers etc.

We are a client centric organization and all our business policies are designed to offer maximum satisfaction to our clients. As an organization, we offer clients with solutions of operational training and installation training. To help our clients we offer solution of easy payment in form of demand draft, cheque and online.

# Automatic Power Factor Control Panels (APFC )



If the load is uneven, it is very difficult to maintain unity power factor. To overcome this difficulty APFC panel is used, which maintains unity Power Factor.

## Used in:

Textile Machinery, Printing Industry, Pharmaceutical Industry, CNC Machine, Hospital, Film Industry, Food Processing Industry, Resorts, Hotels, Farm House, Engineering Plant, Automobile Industry and IT Industry

## Advantage:

- Reduction in MD kVA
- Reduction in KWHR Consumption
- Reduction in kVAHr Charges
- Avoidance of Power Factor Penalty
- Availing Power Factor incentive

# Outdoor Distribution Board DB Panels

These panels are used for dividing main electric power feeds into various circuits.

## Used in:

- Residential Buildings
- All Industrial Buildings
- Airports
- Stadiums
- Outdoor Fabrication Centers

## Advantage:

- Flawless Design
- Easy to Use
- Long Serving Life





# Power Control Centre Panels (PCC )

Power Control Centre Panel is used for distribution and control of various power source used in industry.

## Used in:

- Refineries
- Chemical Plants
- Dairies
- Refrigeration Plant
- Pharmaceuticals and Plastic Industry

## Advantage:

- Assemblies offering maximum reliability.
- Test and detached point with door closed for security.
- For each rated present range, most favorable connection conditions for cables.
- Improved communication system.



# Compact Sub Station ( CSS )

It comprises of factory built sheet metal enclosure housing MV Switchgear, Transformer, LT Switchgear, Power Factor Correction System and other site specific requirement

**Used in:** • Residential Complexes • Power Utilities. • Hotels • Shopping Malls, Multiplexes  
• Software Parks, Airports • Hospitals, Construction Sites

## Advantage:

- Compact, Safety and Aesthetically superior.
- Reduced Electrical losses as USS can be provided near the load center.
- A high degree of safety and operational reliability.
- Civil / Foundation Costs.



# AC Drive Panels (VFD)

AC Drive panels are used to control the speed of motor by controlling frequency of supply. In AC Drives, frequency and voltage are changed in same proportion for smooth performance of AC Motor.

## Used in:

It is used at Pumps, Fans and Conveyor application alone can generate hundreds of applications.

## Advantage:

- Energy Savings.
- Low motor starting current.
- Reduction of thermal and mechanical stresses on motors and belts during starts.
- Simple installation.
- High Power Factor.



# D.G. Synchronizing Panels

Used to control the functionality of multiple diesel generator set

# Automatic Transfer Switch Panels (ATS )



It is an automated switching device that transfers load power to backup power during mains failure and back to its original state when mains power reinstates to the normal condition.

**Used in:** • Software Parks, Airports, Construction Sites.

## Advantage:

- It can automatically transfer the load of the power on to the generator.
- It has built in sensors to detect any fluctuations in the voltage and frequency of the main power supply.
- It has time delay mechanism.

## Load Break Switch (HT LBS Panels)



HT LBS Panels are compact outdoor type systems, which are broadly used in substations.

Used in:

- Residential Usage
- Commercial Usage
- Large & Small Industrial Usage

Advantage:

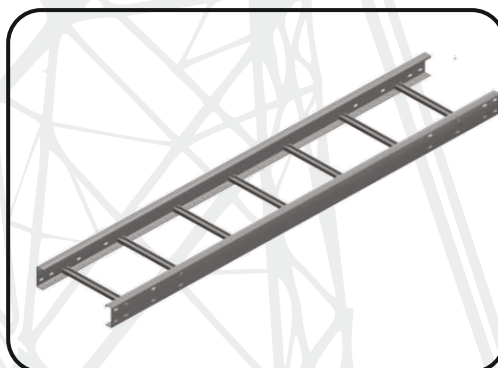
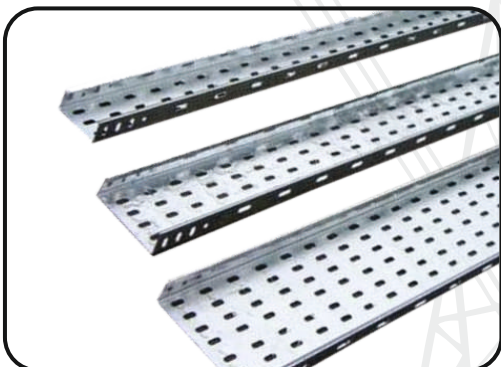
- It has Flawless Design.
- It is easy to Use.
- It has long serving life.

## Automatic Servo Voltage Stabilizer



We are customer-centric organization, therefore offer our clients with excellent quality Servo Voltage Stabilizer that is used to provide safety to electrical equipments during power fluctuation. This stabilizer is manufactured using quality tested components and progressive techniques under the expert's supervision. Know for its trouble free functionality and negligible maintenance, this servo stabilizer can be availed from us in distinct specification as per application needs of clients.

## Manufacturing of Cable Tray & Ladder Cable Tray



## INDUSTRY WE SERVE IN



Rice Industry



Food & Beverages



Seed Industry



Plastic Multi  
Layers Extrusion



Jute & Textile



Pharma Industry



PVC Pipe  
Extruder Plant



Aluminum Extrusion  
Plant



Paper Industry



Printing Press



Water Treatment Plant



Cold Rolling Mills  
(Steel Sector)



Original Since 1998

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Sister Concern:

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