



Government Approved Electrical Panel Manufacturer



ABOUT JENIL POWER AUTOMATION

Jenil Power Automation is a Government Approved Electrical Contractor Company based in Ahmedabad, Gujarat, specializing in electrical panel manufacturing, industrial electrical solutions, and power distribution systems. With over 8+ years of experience and successfully completing 1000+ projects, Jenil Power Automation has earned a strong reputation for delivering safe, reliable, and high-quality electrical engineering solutions for industrial, commercial, residential, and infrastructure sectors. Our panel manufacturing division is focused on designing and manufacturing advanced electrical panels that ensure performance, safety, efficiency, and long-term reliability. Every panel is engineered using quality components and tested as per industry standards.

◆ ADVANCED ENGINEERING

Modern technology and precision design for superior performance.

◆ QUALITY & SAFETY

Built with premium components and tested for complete reliability.

◆ CLIENT FOCUSED

Custom solutions, on-time delivery and dependable offer-sales support.

**At Jenil Power Automation, we don't just build panels,
we build trust, performance and a stronger tomorrow.**





OUR MISSION & VISION

Driven by Purpose. Focused on Impact.



OUR MISSION

To deliver safe, reliable and energy-efficient electrical panel solutions with superior engineering standards, advanced technology, and exceptional customer support while ensuring quality, innovation and operational excellence in every project.



OUR VISION

To become one of India's leading and most trusted electrical panel manufacturing and engineering companies by continuously innovating, expanding nationwide, and delivering world-class power distribution and control solutions

OUR COMMITMENT



SAFETY FIRST

Committed to zero compromise on safety and quality.



PERFORMANCE

Delivering reliable performance in every application



INNOVATION

Continuously improving through innovation and smart solutions.



SUPPORT

Strong after-sales support and long-term service assurance

Why Choose Jenil Power Automation



PCC PANEL

Engineered for reliable power distribution and maximum safety in every application.



 **Safety**  **Reliability**  **Efficiency**

KEY FEATURES

- ✓ Heavy-duty floor-mounted construction
- ✓ High short-circuit withstand capacity
- ✓ Safe and organized power distribution

TECHNICAL SPECIFICATIONS

- | | |
|-----------------|-----------------------------|
| • Rated Voltage | : Up to 415V AC |
| • Frequency | : 50Hz |
| • Busbar | : Copper / Aluminium |
| • Protection | : ACB / MCCB / MCB / Relays |

MCC PANEL

Engineered for reliable power distribution and maximum safety in every application.



Safety



Reliability



Efficiency

KEY FEATURES

- ✓ Modular compartmentalized design
- ✓ Reliable motor control and protection
- ✓ Protection against overload, short circuit, phase failure
- ✓ Easy maintenance

TECHNICAL SPECIFICATIONS

- Rated Voltage : Up to 415V AC
- Control Voltage : 24V / 110V / 230V / AC / DC
- Starters : DOL/Star-Delta/Soft Starter/VFD
- Protection : MCCB / MCB / Thermal Overload Relay / HRC Fuse / MPCB
- Busbar : Copper / Aluminium
- Enclosure : CRCA sheet steel, powder-coated
- Ingress Protection : IP42 / IP54 / IP65

APPLICATIONS:

Manufacturing industries | Water/wastewater treatment |
HVAC systems | Process industries

PMCC PANEL

Engineered for reliable power distribution and maximum safety in every application.



Safety



Reliability



Efficiency

KEY FEATURES

- ✓ Integrated power distribution and motor control
- ✓ Modular construction
- ✓ High short-circuit withstand
- ✓ Clear segregation of circuits
- ✓ Easy maintenance

TECHNICAL SPECIFICATIONS

- | | |
|----------------------|---|
| • Rated Voltage | : Up to 415V AC |
| • Rated Current | : As per load requirement |
| • Starter | : DOL / Star-Delta / Soft Starter / VFD |
| • Busbar | : Copper / Aluminium |
| • Protection | : ACB / MCCB / MCB / Relays |
| • Enclosure | : CRCA sheet steel, powder-coated |
| • Ingress Protection | : IP42 / IP54 / Ip65 |

APPLICATIONS:

Large manufacturing plants | Process industries | Commercial buildings
Water treatment | Infrastructure projects

MOTOR STARTER PANEL

Engineered for reliable power distribution and maximum safety in every application.

 **Safety**  **Reliability**  **Efficiency**



KEY FEATURES

- ✓ Safe and reliable motor starting
- ✓ Protection against overload, short circuit, phase failure
- ✓ Compact design, easy maintenance

TECHNICAL SPECIFICATIONS

- | | |
|----------------------|--|
| • Rated Voltage | : Up to 415V AC |
| • Motor Rating | : As per application |
| • Starters | : DOL Star-Delta / Soft Starter |
| • Protection | : MCCB / MCB / Thermal Overload Relays |
| • Enclosure | : CRCA sheet steel, powder-coated |
| • Ingress Protection | : IP42 / IP54 / Ip65 |

APPLICATIONS:

Pumps | Compressors | Conveyor systems | HVAC |
Industrial process equipment

APFC PANEL

Engineered for reliable power distribution and maximum safety in every application.



 **Safety**  **Reliability**  **Efficiency**

KEY FEATURES

- ✓ Automatic power factor correction
- ✓ Reduces power losses and electricity penalties
- ✓ Modular capacitor banks with intelligent APFC relay
- ✓ Improved voltage regulation

TECHNICAL SPECIFICATIONS

- | | |
|----------------------|-----------------------------------|
| • Rated Voltage | : Up to 415V AC |
| • Control Type | : Automatic / Manual |
| • APFC Relay | : Microprocessor-based |
| • Capacitor Banks | : Detuned / Standard |
| • Protection | : MCCB / MCB / HRC Fuses |
| • Enclosure | : CRCA sheet steel, powder-coated |
| • Ingress Protection | : IP42 / IP54 / IP65 |

PDB PANEL

Engineered for reliable power distribution and maximum safety in every application.



 **Safety**  **Reliability**  **Efficiency**

KEY FEATURES

- ✓ Safe, organized power distribution
- ✓ High short-circuit withstand
- ✓ Easy maintenance modular design

TECHNICAL SPECIFICATIONS

- | | |
|----------------------|-----------------------------------|
| ✓ Rated Voltage | : Up to 415V AC |
| ✓ Metering | : Optional |
| ✓ Busbar | : Copper / Aluminium |
| ✓ Protection Device | : MCCB / MCB / ELCB / Relays |
| ✓ Enclosure | : CRCA sheet steel, powder-coated |
| ✓ Ingress Protection | : IP42 / IP54 / IP65 |

APPLICATIONS:

Industrial Plants | Commercial Complex | Hospitals | Data Centers

VFD PANEL

Engineered for reliable power distribution and maximum safety in every application.

 **Safety**  **Reliability**  **Efficiency**



KEY FEATURES

- ✓ Precise motor speed control
- ✓ Energy-efficient operation
- ✓ Smooth start/stop for motors
- ✓ PLC / SCADA integration

TECHNICAL SPECIFICATIONS

- | | |
|----------------------|-----------------------------------|
| • Rated Voltage | : Up to 415V AC |
| • Frequency Range | : 01-400 Hz |
| • Power | : Up to 500KW |
| • Protection | : MCCB / MCB / Contractor / Fuses |
| • Enclosure | : CRCA sheet steel, powder-coated |
| • Ingress Protection | : IP42 / IP54 / IP65 |

APPLICATIONS:

Pumps | Fans | Conveyors | HVAC | Process Industries

SERVO PANEL

Engineered for reliable power distribution and maximum safety in every application.



 **Safety**  **Reliability**  **Efficiency**

KEY FEATURES

- ✓ High-precision motion control
- ✓ Accurate speed, position, torque control
- ✓ Multi-axis motion control
- ✓ Integration with PLC / CNC / HMI / SCADA
- ✓ Smooth and precise operation

TECHNICAL SPECIFICATIONS

- | | |
|----------------------|---|
| • Rated Voltage | : Up to 415V AC |
| • Control Voltage | : 24V / 110V / 230V / AC/DC |
| • Servo Drives | : Mitsubishi / Yaskawa / Siemens / Client requirement |
| • Feedback | : Encoder / Resolver / Hall Sensor |
| • Enclosure | : CRCA sheet steel, powder-coated |
| • Ingress Protection | : IP42 / IP54 / Ip65 |

APPLICATIONS:

CNC Machine | Robotics | Packaging | Textile Machinery | Assembly Automation | High-precision machinery

DRAWOUT TYPE PANEL

Engineered for reliable power distribution and maximum safety in every application.



 **Safety**  **Reliability**  **Efficiency**

KEY FEATURES

- ✓ Withdrawable breakers for maintenance
- ✓ Modular, safe, compartmentalized design
- ✓ High short-circuit withstand

TECHNICAL SPECIFICATIONS

- | | |
|----------------------|-----------------------------------|
| • Rated Voltage | : Up to 415V AC |
| • Busbar | : Copper / Aluminium |
| • Circuit Breakers | : ACB / MCCB / MCB |
| • Enclosure | : CRCA sheet steel, powder-coated |
| • Ingress Protection | : IP42 / IP54 / Ip65 |

APPLICATIONS:

Power plants | Commercial complexes | Industrial plants

ATS PANEL

Engineered for reliable power distribution and maximum safety in every application.



Safety



Reliability



Efficiency



KEY FEATURES

- ✓ Automatic switching between mains & DG
- ✓ Ensures uninterrupted power supply
- ✓ Protection against overload, short circuit

TECHNICAL SPECIFICATIONS

- | | |
|----------------------|-------------------------------|
| • Rated Voltage | : Up to 415V AC |
| • Rated Current | : Microprocessor based |
| • Protection | : MCCB / MCB / Relays / Fuses |
| • Enclosure | : CRCA sheet steel, |
| • Ingress Protection | : IP42 / IP54 / IP65 |

APPLICATIONS:

Hospitals | Data centers | Commercial buildings | Industries

BUS DUCT

Engineered for reliable power distribution and maximum safety in every application.



Safety



Reliability



Efficiency



KEY FEATURES

- ✓ High current-carrying capacity
- ✓ Modular, compact design
- ✓ Flexible layouts: straight, elbow, tee
- ✓ Indoor / outdoor applications

TECHNICAL SPECIFICATIONS

- | | |
|----------------------|-----------------------------------|
| • Rated Voltage | : Up to 11kV |
| • Rated Current | : Up to 6300A |
| • Busbar | : Copper / Aluminium |
| • Enclosure | : CRCA sheet steel, powder-coated |
| • Ingress Protection | : IP20 / IP42 / IP54 / IP65 |

APPLICATIONS:

Industrial plants | Power plants | Commercial buildings |
Data centers | Infrastructure projects

JPA JENIL POWER AUTOMATION

OUR ESTEEMED CLIENTS



WHY CLIENTS TRUST JENIL



Experienced
Engineering Team



End-to-End
Solutions



Quality
Workmanship



On-Time
Delivery



Technical
Expertise



Reliable
After-Sales Support



Building Long-Term Relationships Through
Quality, Trust & Engineering Excellence.

