

Trading • Manufacturing • Consultancy

Quality components, Engineered solutions.

Industrial Panel Accessories

Building & Solar Accessories

Switchgear & Protection Devices

Industrial Cable & Control Wire

Electrical Design & Automation Solutions



ABOUT US



Vij Power Electrics delivers electrical supply, panel manufacturing, and engineering services for industrial, commercial, and residential projects.

Built on experience in electrical systems and execution, the focus remains on reliable procurement, technical clarity, and coordinated project delivery.

From planning to commissioning, solutions are developed to meet application requirements with emphasis on safety, performance, and dependable system operation.

CAPABILITIES

- 1. Electrical Supply** – Panel accessories • Switchgear • Cables • Enclosures • Building electricals • Solar accessories
- 2. Panel Manufacturing** – LT panels: PCC • MCC • APFC • Distribution panels
- 3. Engineering & Execution** – Installation & wiring • MEP design & drawings • Consultancy • EPC project support

ENGAGEMENT

Contractors • Developers • Industrial Units • End Users

WORKING METHOD

Project requirements are evaluated based on application and load conditions to ensure appropriate system selection and design.

Coordination across supply, panel manufacturing, and site execution ensures continuity of work and timely completion.

POSITION

Focused on reliable execution, system performance, and application-based engineering across supply, manufacturing, and project delivery.

PANEL WIRING & MOUNTING

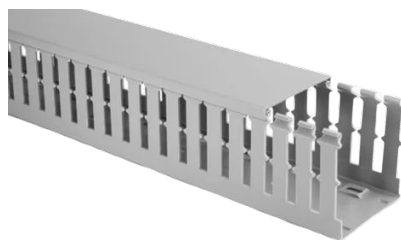


DIN Rail & Channel



35mm Standard | Zinc Plated
Industrial Grade

PVC Wire Duct



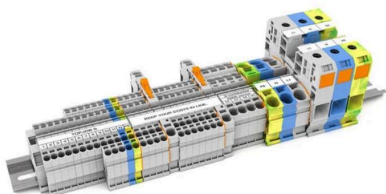
Slotted | FR Type
Multi Size Options

Cable Management



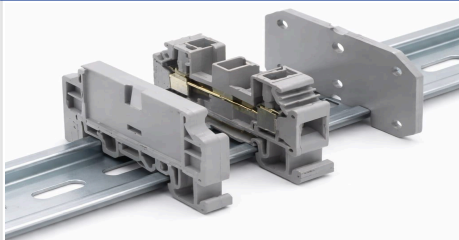
Tie | Spiral
Grommet

Rail Mount Terminal



Modular | Screw Type
2.5-16 sq.mm

End Clamp & Plate



ECP 1/2 | DIN Rail Fit
Secure Lock

Lugs



Copper | Ring Type
Pin / Fork

Cable Glands



Brass | PG Type
With Locknut

Conduit System



Polyamide | Corrugated
16-63 mm

Electrical Hardware



Gaskets | Earthing Plate
Screws / Spacers

CONTROL, PROTECTION & EARTHING ACCESSORIES

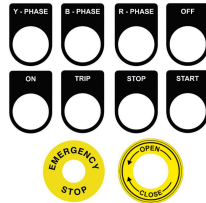


Push Buttons



22.5mm | Illuminated
Momentary / Maintained

Control Legends



Start/Stop | ON/OFF
Emergency

Glass Fuses



Fast Acting | Rated
Protection

Distribution Components



MCB Link | Busbar Support
Distribution Block

Industrial Plugs & Sockets



6A-32A | Heavy Duty
Industrial Grade

Panel Locking Systems



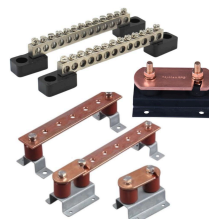
PL-25 | 3 Point
Key Operated

Safety & Name Plates



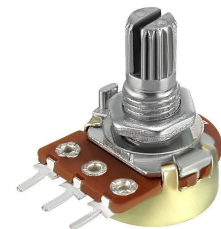
Danger | Warning
Custom Label

Earthing Components



Earthing & Neutral Link
Earthing Disconnector

Potentiometers



Single Turn | Multi Turn
Panel Mount

Wall Mounted Enclosures



- Mild Steel, Stainless Steel & Non-Metal Options
- IP Protection Options up to IP66 (IP67 subject to enclosure type)
- Removable Gland Plate & Mounting Plate Provision
- Suitable for Control, Distribution & Automation Panels

Floor Standing Cabinets



- Single & Multi-Door Configurations
- Reinforced Structural Construction
- Flexible Mounting Plate Arrangement
- Provision for Extension / Side Coupling
- Suitable for Large Control & Power Panels

Junction Boxes



- Metal & Non-Metal Variants
- Suitable for Field Wiring & Instrumentation Applications
- Multiple Cable Entry Provisions
- Screw-Type or Hinged Cover Options

Non-Metallic Enclosures



- Polycarbonate/SMC/FRP Construction
- UV Stabilized & Corrosion-Resistant
- Non-Conductive Body
- Suitable for Outdoor & Harsh Environments



Electrical LV Panel



- PCC (Power Control Center)
- MCC (Motor Control Center)
- MLDB & LDB Panel
- PDB & DB Panel
- Feeder Panel
- Meter Panel
- Busbar Chamber

Electrical Solar Panel



- Solar ACDB Panel
- Solar LT Panel
- TVM Panel
- ACDB (AC Distribution Box)
- DCDB (DC Distribution Box)
- String Combiner Box (SCB)
- Net Metering Panel

Electrical Control Panel



- iMCC Panel
- APFC Panel
- PLC Panel
- VFD Panel
- Starter Panel
- Relay Control Panel
- HVAC Control Panel

Utility/HM Panel



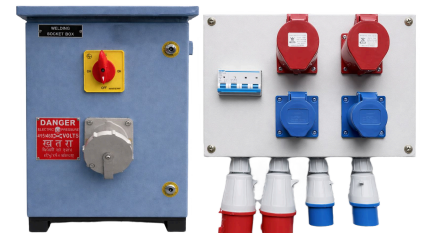
- Utility Panel
- HighMast Panel
- Changeover Panel
- DG Synchronization Panel
- AMF Panel
- Fire Fighting Panel
- Pump Control Panel

Industrial Panel



- ELR Panel
- Chiller Panel
- Furnace Panel
- Conveyor Panel
- Compressor Panel
- Crane Control Panel
- Custom Industrial Panel

Junction Box



- Welding Junction Box
- Power Junction Box
- Lighting Junction Box
- Weatherproof Junction Box
- FRP Junction Box
- Flameproof Junction Box
- Terminal Junction Box

Engineered power distribution solutions manufactured through approved and technically evaluated facilities, adaptable to diverse project requirements, consultant specifications, and industrial applications.

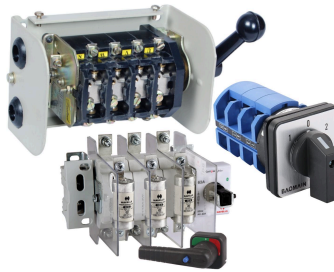
Panel configurations, protection schemes, enclosure constructions, busbar ratings, fault level considerations, and component selections are aligned in accordance with approved BOQs, single line diagrams, and site-specific operational conditions.

Circuit Breakers



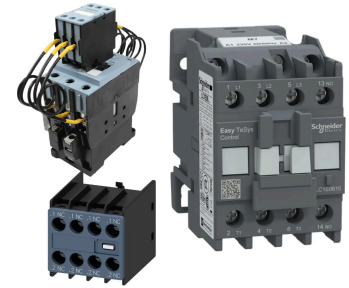
- MCB (SP, DP, TP, TPN, FP)
- MCCB
- ACB (Drawout / Fixed)
- RCCB / ELCB
- RCBO
- MPCB
- DC MCB
- DC MCCB

Switching Devices



- Isolator (On-load / Off-load)
- Changeover Switch
- Rotary Switch
- Load Break Switch (LBS)
- Fuse Switch Disconnecter
- Cam Switch
- Limit Switch
- Micro Switch

Contactors & Starters



- Power Contactor
- Auxiliary Contactor
- Capacitor Duty Contactor
- DOL Starter
- Star-Delta Starter
- Soft Starter
- Reversing Starter
- Vacuum Contactor

Protection Devices



- Overload Relay
- Surge Protection Device
- Earth Leakage Relay (ELR)
- Voltage Protection Relay
- Phase Failure / Sequence Relay
- Frequency Relay
- Timer Relay
- Current Monitoring Relay

Control & Indication



- Push Buttons
- Selector Switch / Key Switch
- Indicator Lamps (R/Y/B)
- Buzzer / Hooter
- Analog Meter / Digital Meter
- Multifunction Meter (MFM)
- Energy Meter
- HMI / PLC / SMPS / Control Transformer

Current Transformer



- Measuring CT
- Protection CT
- Ring Type / Bar Type / Window Type CT
- Core Balance CT (CBCT)
- Summation CT
- Indoor / Outdoor CT
- CT Ratio
- Accuracy Class

Power Cables



- LT Power Cable
- HT Cable (11kV / 33kV)
- Solar DC Cable
- Armoured / Unarmoured Cable

Control & Signal Cables



- Control Cable (Multi-core)
- Instrumentation Cable
- Shielded Cable
- Communication Cable (RS485 / Ethernet)

Cable Routing System



- Cable Tray (Perforated / Ladder Type)
- Raceway / Trunking
- Cable Duct (PVC)
- Conduit Pipe

Termination & Jointing



- Cable Lugs
- Ferrules
- Heat Shrink / Cold Shrink Kit
- Jointing Kit
- Terminal Blocks

Cable Support & Fixing



- Cable Tie (Nylon / SS)
- Saddle & Clamp
- Cleats (PVC / Aluminum)
- Glands (Brass / Nylon)
- Fasteners & Anchors

Testing & Maintenance



- Multimeter
- Clamp Meter
- Insulation Tester
- Continuity Tester
- Crimping Tools

AC Protection



- MCB / MCCB / ACB
- Contactor & Relay
- Overload Protection
- Surge Protection Device
- Changeover / Isolator Switch
- Energy Meter / Net Meter
- ACDB (AC Distribution Board)

DC Components



- DC Isolator
- DC SPD
- MC4 Connectors
- DC Fuse (HRC / PV Fuse)
- String Combiner Box (SCB)
- DCDB (DC Distribution Box)
- Solar DC Cable

Earthing & Safety



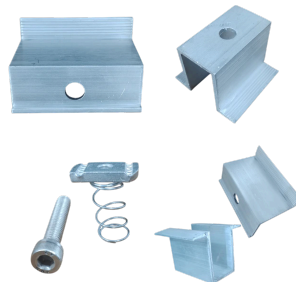
- Earthing Electrode
- Earthing Strip / Wire
- Lightning Arrester
- Earth Pit Chamber
- Danger Board
- Fire Extinguisher
- Earthing Plate

Cable Management



- Cable Tray
- PVC / HDPE Conduit Pipe
- Cable Duct
- Cable Tie
- Saddle & Clamp
- Glands (Brass / Nylon)

Installation Components



- Module Mounting Structure
- GI / Aluminium Rails
- Mid Clamp & End Clamp
- Nut-Bolt Set (SS / GI)
- Fasteners & Anchors
- JB & Mounting Accessories

Maintenance Accessories



- Clamp Meter
- Insulation Tester
- Earth Tester
- Wire Stripper & Tool Kit
- Panel Cleaning Brush
- Water Jet / Pipe System

Modular Switches



- Modular Switch
- Socket (6A / 16A)
- Fan Regulator
- Dimmer
- Switch Plate / Cover Plate

Electrical Fans



- Ceiling Fan
- Wall Fan
- Table Fan
- Exhaust Fan
- Decorative Fan

Industrial Fans



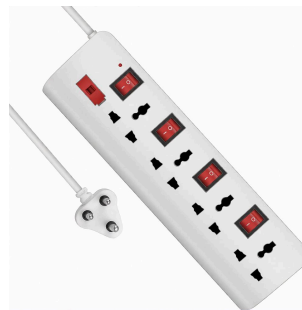
- Industrial Ceiling Fan (HVLS)
- Pedestal Fan (Heavy Duty)
- Industrial Exhaust Fan
- Air Circulator Fan
- Blower Fan

Lighting



- LED Bulb & Tube Light
- Panel Light
- Flood Light
- Street Light
- High Bay Light

Extension Board



- Extension Board
- Power Strip
- Spike Guard
- Multi Plug
- Travel Adapter

Conduit & Concealed



- PVC Conduit Pipe
- Conduit Bend / Elbow
- Junction & Modular Box
- Saddle / Clamp
- Coupler / Adaptor

Installation & Wiring



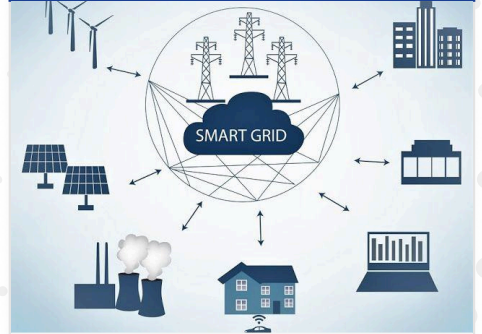
- Residential, Commercial & Industrial wiring
- LT Panel installation & power distribution
- Cable laying & termination
- Earthing & lightning protection
- Electrification contracting
- Testing & commissioning

Design & MEP Drawings



- BOM Calculation Single Line Diagrams (SLD)
- Estimation & General Diagram
- Electrical & MEP layouts
- Wiring & panel schematics
- Cable routing & load calculation
- As-built drawings

Engineering Consultancy



- Load calculation & sizing
- BOQ & cost estimation
- Material & vendor guidance
- Project Support & design review
- Troubleshooting & compliance
- Smart automation & execution

WE DEAL WITH



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