

India's No.1

Electrical Panel Manufacturer

www.relec.in

M/s Rashmi Electricals

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Relec

ISO 9001 : 2015 CERTIFIED COMPANY

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A Complete Engineering
SOLUTION with **ENERGY**
Saving & Monitoring

India's No.1
Electrical Panels
Manufacturer



About the Rashmi Electricals

Established in 1999 in Ghaziabad, Uttar Pradesh, Rashmi Electricals has emerged as a **trailblazer** in the manufacturing of **Electrical Control Panels** and **Energy Conservation Panels**. Driven by **innovation** and an **unwavering commitment to excellence**, we have built a reputation for delivering **smart, reliable, and cost-effective solutions** tailored to industry trends and client needs.

Under the **visionary leadership** of our Director, Mr. Virendra Kumar Agarwal, Rashmi Electricals has grown into a name synonymous with **quality, innovation, and excellence** in the electrical industry. With **relentless dedication and expertise**, we have mastered the industry's complexities, ensuring **seamless service delivery, superior craftsmanship, and unwavering customer satisfaction**.

At the **forefront of advanced technology**, our team of **highly skilled engineers and professionals** leverages **cutting-edge innovations** to manufacture world-class **Electrical Power & Control Panel Boards** and **Energy Conservation Panels**. We take pride in **setting industry benchmarks** with our expertise in **Industrial Automation, Turnkey Electrical Installations**, and the **commissioning of Process Instrumentation**.

Our **state-of-the-art manufacturing facility**, located in Kavi Nagar Industrial Area, Swadeshi Compound, Ghaziabad, adheres to the **highest standards of quality and precision**. From **meticulous design** to the **careful selection of raw materials and components**, we ensure **every product reflects our commitment to excellence**.

What sets us apart is the **CPRI certification** of our products, a testament to their **superior quality and reliability**. At **Rashmi Electricals**, we are dedicated to **driving progress and creating value**, empowering industries with **innovative electrical solutions that redefine excellence** by Eco-Friendly.



VISION & MISSION

Our goals lead us to our vision and our vision is to establish a strong relationship with our customers. We look forward to expanding our business in the electrical domain and building good reputation in the field of Electrical Control Panels and Energy Conservation Panels.

**India's No.1
Electrical Panels
Manufacturer**



Director's MESSAGE

*"Quality is our cornerstone,
your satisfaction is our goal."*

Mr. Virendra Kumar Agarwal
Director
Rashmi Electricals

Brings a wealth of experience spanning more than two decades to his role as the visionary leader of Relec. With a deep-seated commitment to innovation, Mr. Virendra Kumar Agarwal has played a transformative role in shaping the landscape of electrical panel manufacturing.

His visionary leadership has been instrumental in positioning the company as a cornerstone player in the industry. As the guiding force behind Relec, remains dedicated to steering the company towards continuous technological advancements, ensuring it remains at the forefront of delivering cutting-edge electrical solutions.

Under his astute direction, Relec has experienced sustained growth, a testament to his strategic insights and commitment to excellence. Mr. Virendra Kumar Agarwal leadership ethos resonates throughout the organization, fostering a culture of professionalism and dedication among our team members.

Admin Block

Our dedicated team of over 70 skilled professionals, including in-house design engineers, ensures that every project is a masterpiece of precision and functionality. Beyond technology, our success is about people – a team that brings passion, dedication, and innovation to every project.



Behind every great team,
there's a great admin.

**Rashmi
Electricals**



Admin: The backbone of business.

Infrastructure

We operate an advance state-of-the-art manufacturing facility & at every stage of our production process is meticulously designed to ensure efficiency with high-performance electrical panels tailored to evolving demands. Equipped with cutting-edge CNC bending, shearing, and laser machines, we ensure flawless precision, consistency, and superior craftsmanship in every electrical panel we produce. Our expertise lies in designing and manufacturing of flexible, draw out, fixed, and folding panel enclosures, utilizing the facility for unmatched accuracy and efficiency. To enhance durability and aesthetics, we have an in-house powder coating facility that delivers a superior, long-lasting finish. Additionally, our calibrated electrical testing equipment guarantees strict compliance with IS/IEC standards, reinforcing our commitment to quality and reliability.



Some of the distinctive attributes and feature of the **infrastructure** of these manufacturing units are



Solid **Infrastructure**
Effective Solutions.

- CNC Press Breaks, CNC Laser Cutting Machine.
- NC Shearing Machine (3.1 Meter).
- Power Presses.
- Conveyorised 7-Tank Treatment & Powder Coating Facility.
- Busbar Bending, Cutting & Punching Machine.
- Calibrated Testing Instruments.
- Excellent Fabrication Facilities.
- World Class assembling units.
- Facilities of Computer Aided Designing.
- Dryers and Screw Compressor.
- Drilling Machines,
- Immense Production Capacity and much more...

TTA PARTNER

ENERSYS



Built for toughness
Designed for Safety

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LICENSED
PARTNER FOR

A company channel partner is an independent entity that helps a company distribute its products or services to a wider market.

 **L&T Switchgear**
Business

IS NOW 
Electrical & Automation

Life Is On

Schneider
Electric



Relec
Innovative
Sustainable Complete...
TTA PANELS
Crtificates



NSIC
CERTIFIED CO.



International
Electrotechnical
Commission



Control Panel Unit

Relec designs, devises and crafts, its every product at our manufacturing units. The infrastructure of these manufacturing units complies with the standards and has highly advanced manufacturing facilities. Every manufactured product gains cent percent credibility for its genuineness, quality and validity. our designing, drafting and crafting units are being well executed by educated, skilled and experienced professionals.



What we do?

Design & Manufacturing of LT PANELS:

- Power Control Centre & Intelligent PCC, Motor Control Centre & Intelligent MCC
- Distribution Board Panels, Lighting Distribution Board
- Automatic Changeover Panels
- Annunciator Panels.
- Pump Starters: Star Delta, DOL, Forward Reverse Starters.
- Outdoor Feeder Pillars Double Door type.
- ACDB's with Isolation Transformers.
- Residential Meter Panels and Switchboards
- Air Insulated Bus duct /Rising Mains
- 11KV & 33KV Relay Control Panels.
- Remote Control Desk
- Junction Boxes.
- Copper Flexible Links.
- Cable Tray (Pre-Galvanized / Hot Dip Galvanized)

Energy Saving Solutions: of LT PANELS:

- DG Synchronization Panel, Load Sharing Panel, AMF Panel
- Soft -Starter & VFD Panel
- APFC / Capacitor Panel/Power Factor Panel
- Automatic Street Light Switching Panels
- Solar System & LED Light Fittings
- Emergency Lightning System with UPS Backup.

Automation PLC with SCADA System:

Safety Circuit Monitoring Fire Fighting, Energy Monitoring & Airfield Lighting Control & Monitoring System(ALCMS), Smart Temperature Controlling etc.

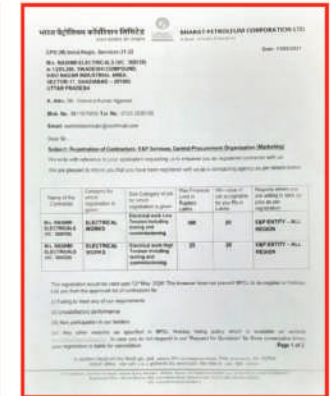
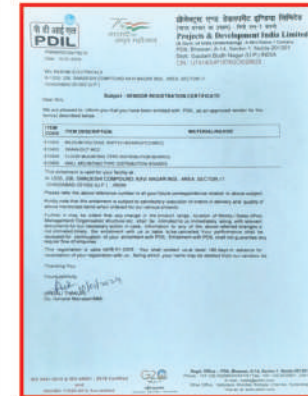
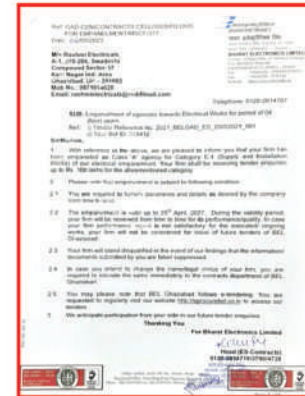
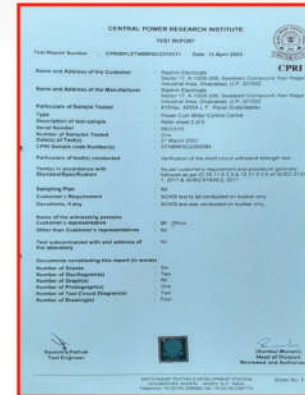
Turnkey Projects:

- HT & LT Substations
- Cable Laying
- Installation & Commissioning of Motors
- Earthing Etc.

Our Certificates

Our commitment to deliver best quality products assures that we provide our clients with the best technical solutions supported with all the important documentation and required certifications. We follow and maintain strict quality standards in all our business activities through internal assessment and client feedback.

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Our Products....

Since its inception, Relec has been manufacturing and supplying a comprehensive range of low-voltage and medium-voltage control panels across PAN INDIA. Being the best electrical panel control manufacturers in India, we are committed to providing our customers with exact requirements to meet their quality parameters with great dispatch and reasonable prices without compromising quality. Our panels are manufactured as per the requirements of various industries.



DRAWOUT TYPE MCC PANEL



MCC PANEL



PROCESS PLC PANEL

Efficient Control, Optimal Performance.

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DRAWOUT TYPE MCC PANEL



VFD PANEL



VFD PANEL



CAPACITOR PANEL

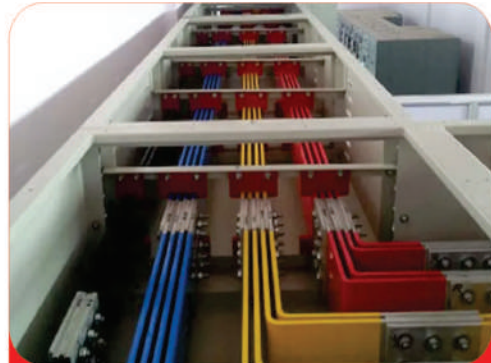


DRAWOUT TYPE MCC PANEL



PCC PANEL

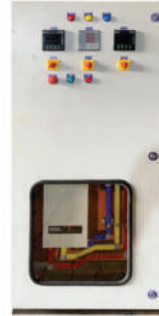
Our Products....



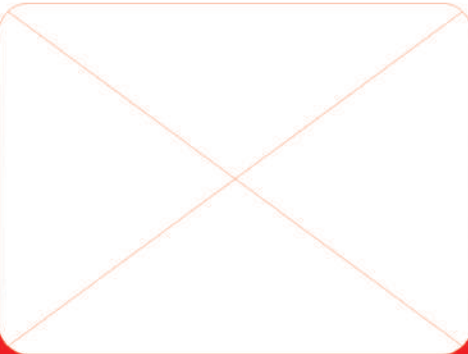
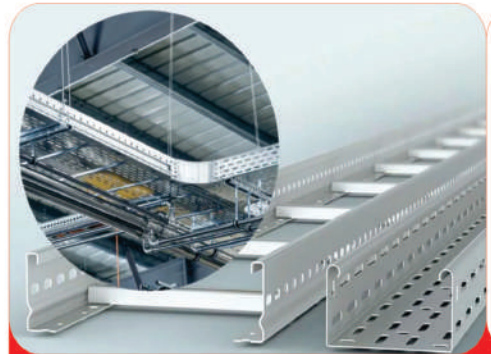
BUS DUCT & ACCESSORIES



METER BOARD



THYRISTOR
SWITCHING PANEL



PCC PANEL



CONTROL & RELAY PANEL



DISTRIBUTION PANEL



CONTROL DESK



DRIVE PANEL



PLC PANEL



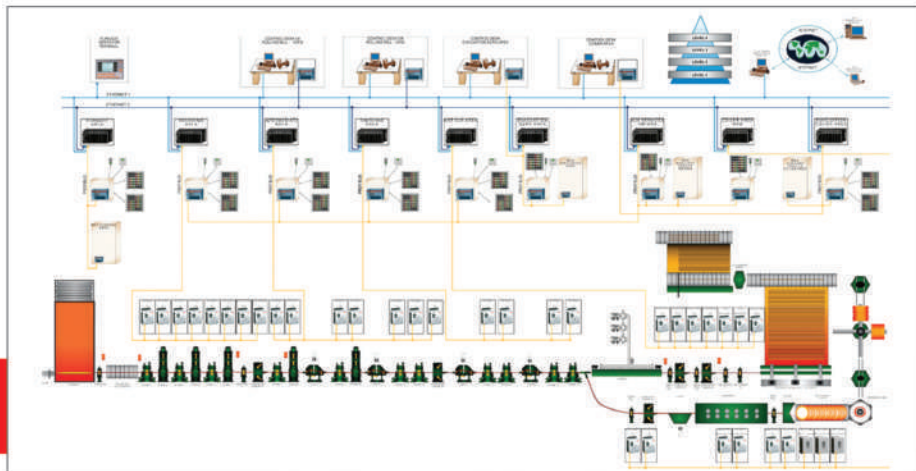
FEEDER PILLAR

Our **Automation Engineering Solutions** cater to both **Process** and **Discrete Applications**, addressing a wide range of industries such as **Consumer Goods, Rolling and Steel, Paper Manufacturing, Cold and Hot Rolling, and Infrastructure** sectors like **Power Generation, Balance of Plant, and Water & Wastewater Management**.

We also provide **Integrated Automation Solutions** for **Building Management Systems (BMS)**, ensuring seamless and efficient operations.

At Rashmi Electricals, we are committed to revolutionizing the electrical panel manufacturing industry through cutting-edge industrial automation solutions. By integrating advanced automation technologies, we ensure precision, efficiency, and reliability in every panel we produce.

As a proud partner of Schneider Electric, a global leader in energy management and automation, we leverage world-class components, smart control systems, and intelligent monitoring solutions to enhance the performance and safety of our panels. Our automation-driven processes optimize production, reduce downtime, and ensure compliance with international safety and quality standards.



PLC & SCADA Automation

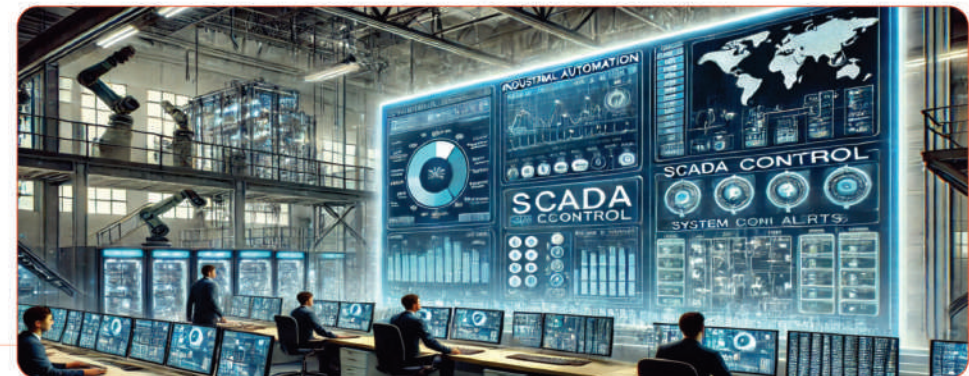
With PLC-based control systems, SCADA integration, and IoT-enabled smart panels, our automation solutions transform electrical panel manufacturing by enabling real-time monitoring, data-driven decision-making, and seamless system control. Advanced predictive maintenance capabilities help detect faults early, reducing downtime and extending equipment life. Our systems ensure seamless connectivity with industrial networks, allowing remote monitoring and integration with cloud platforms for enhanced efficiency. These innovations lead to higher operational efficiency, optimized energy consumption, and improved system reliability. At Rashmi Electricals, we leverage cutting-edge automation to deliver smarter, safer, and more sustainable electrical panel solutions for modern industrial needs.



PLC & SCADA

Our Offerings Include:

- **Design, Manufacturing and Supply of Distributed Control Systems (DCS):** Optimized for complex process automation applications.
- **Programmable Logic Controllers (PLC):** Tailored for discrete and sequential control operations.
- **Variable Frequency Drives (VFDs):** Enabling precise motor speed control for enhanced energy efficiency.
- **Control Panels and Soft Starters:** Designed and manufactured to ensure superior performance and reliability.
- **SCADA Solutions:** Comprehensive Supervisory Control and Data Acquisition systems for real-time monitoring and control.
- **Remote Terminal Units (RTUs):** Seamlessly integrated within SCADA applications.
- **Mimic Panels:** Customized to display real-time operations visually and effectively.
- **Wireless Communication Solutions:** Advanced systems for streamlined control and monitoring across diverse environments.
- **Third-Party Network Integration:** Expertise in connectivity solutions, including Ethernet IP, Control Net, DeviceNet, Profibus, Profinet, and Modbus protocols.

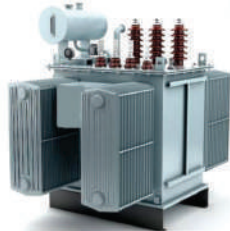


Distribution Transformer & Servo Stabilier

We at Rashmi Electricals transformers are continuously concerned with providing our client-ship with the best quality transformer service which is reliable in every situation. Rashmi Electricals transformer is a major name in distribution transformer manufacturers in India. Our product is tested on various parameters and manufactured with the use of efficient qualitative material for its proficient functionality.



6 MVA Distribution Transformer with Detachable fins (Exported)



4 MVA Distribution Transformer Outdoor Type



500 KVA Distribution Transformer 11 KV / 433 Class (Outdoor Type)



750 KVA Automatic Voltage Controller (Balance Type with Special Control Modules)



300 KVA Automatic Voltage Controller (Balance Type) with Special Export Control Circuit



30/40 KVA Automatic Voltage Controller (Unbalanced Type with Special Control Modules)

HOW WE WORK



INDUSTRIAL SOLUTION DESIGN & ENGINEERING



SUPPLY & ERECTION



YOUR EMERGENCY SERVICES



H.T. VCB

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33 KVA VCB Indoor Panel



33 KVA Indoor VCB Panel



11 KVA Indoor VCB Panel



Earthing Standard

F 15:3043-1987 Clause 9.2.8 & 9.3 says...

The material selected for Earthing electrode, should exhibit a galvanic potential with respect to the ground as nearly equal to that exhibited by the structure of unprotected condition, the material used be such that it resists the corrosion.

Tests in a wide variety of solids have shown that copper is entirely satisfactory and taking the life of copper Earthing as max. 12 years, the average loss is weight of copper, buried for 12 years is 0.2 percent per year and average loss in weight of galvanized steel, a little inferior to copper, 0.5 percent per year.



G.I. Earthing Electrode



Earthing Compound



Copper Earthing Electrode

Applications

Infrastructure



- Housing Complex
- Retail Chain
- Hospitals
- Hotels
- Malls
- HVAC
- AHU

Food & Breweries



- Mineral Water
- Ice-cream
- Breweries
- Floor Mills.
- Tobacco
- Alcohol
- Biscuits
- Bread
- Dairy

Pharmaceutical



- Chemical Plants
- Medicine Laboratory
- Co2 Plant, Etc.

Cold Section



- Cold Storage
- Frozen Plant
- Preservation
- Potato

Steel Industry



- Rolling Mill
- Corrugation
- Sponge Iron
- Tube Mill, etc.

Tyre & Rubber



- Radial Type Building
- Bead Wire Machine
- Calender Machine
- Cooling Tower
- Kneaders
- Press
- Boiler, etc.

Paper



- Finishing House
- Duplex Cutter
- Mill Section
- Pulp Section
- Boiler, etc.

Sugar



- Packing Baggage Handling
- Co-generation
- Cane Carrier
- Rake Carrier
- Mill, Boiler
- Crystallizer
- Boiler, etc.

Wire & Cable



- Block Wire Drawing
- Wet Wire Drawing
- Stranding machine
- Laying Machine
- Extrusion Line
- RED Machine

Water & Waste Water



- RO Plants
- ETP Plants, etc.

Printing & Packaging



- Rotogravure
- Sheet Feed
- Lamination
- Coating
- Slitter
- Floxo, etc.

Power



- Drives Panels for Tunnels
- Sugar Co-Generation
- Thermal Power Station, etc.

Our Valuable Clients

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Many More.....