

- ✓ ISO 9001:2015
- ✓ ISO 14001:2015
- ✓ OHSAS 18001:2007

Manufacturing Business Associates of Crompton Greaves Ltd

MV SWITCHBOARDS

We, Gayatri Electric Projects (I) Pvt. Ltd. are Manufacturing Business Associates of Crompton Greaves Ltd for up to 36 KV, 1250A, Indoor VCB Panels.

► 11 KV Calix Feature & 33 KV Falix Features

- ✓ The "Calix" series were designed to provide compact, reliable switching & protection solutions.
- ✓ Floor Rolling Type breaks with Horizontal Isolation & Horizontal Draw-out.
- ✓ Compartmentalized panel with built in base frame & ramp.
- ✓ Integral Earth Switch.
- ✓ Inaccessible live parts & rack in/out with doors closed condition ensure operator safety.
- ✓ Panel Design suitable for the both side extensible.



TECHNICAL DATA

Particular	Units	11 KV Calix	33 KV Falix
Rated Voltage	kV	Upto 12 kV	Upto 36 kV
Rated Current	Amps	Upto 1250A	Upto 1250A
No. of Poles	Nos	3	3
Frequency	Hz	50 Hz	50 Hz
Symmetrical Breaking Capacity	kA rms for 3 sec	Upto 26.3	26.3
Making Capacity	kA _{pk}	65.75	65.75
Power Frequency Withstand Voltage	kV rms	28	70
Impulse Withstand Voltage	kV pk	75	170
Operating Duty	Cycles	O-0.3Sec-CO-3min-CO	O-0.3Sec-CO-3min-CO
Total Break Time	Cycles	3	4
Make Time	Cycles	3	4
DC Component	%	<50%	<50%
Degree of Protection	----	IP 4X	IP 4X
Applicable Standard	----	IS 13118, IEC 62271-100/200	IS 13118, IEC 62271-100/200
Protection Relay	----	Provided as per Client's requirement	Provided as per Client's requirement

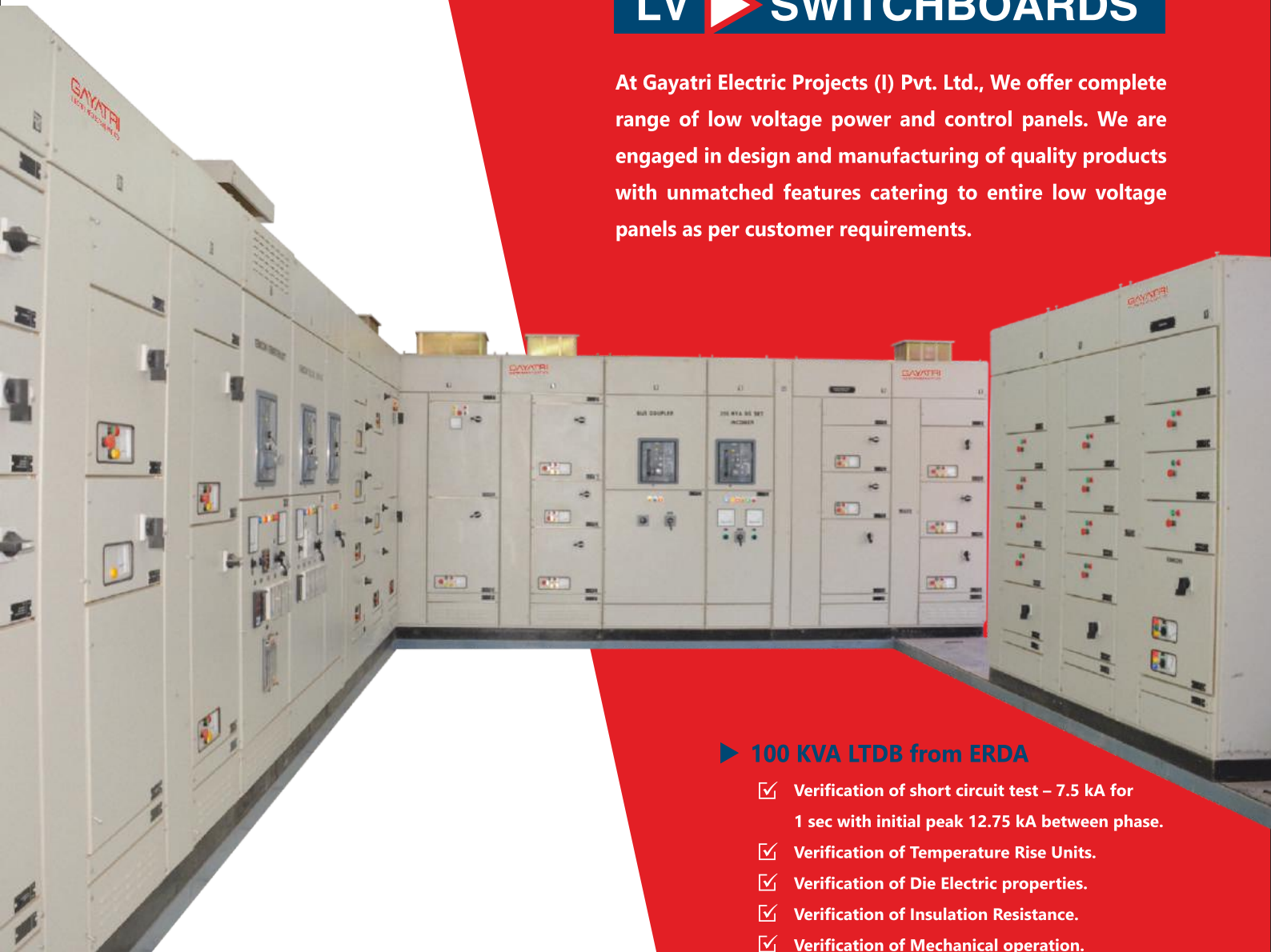


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CPRI & ERDA Approved all types of LV Panel Manufactures

LV SWITCHBOARDS

At Gayatri Electric Projects (I) Pvt. Ltd., We offer complete range of low voltage power and control panels. We are engaged in design and manufacturing of quality products with unmatched features catering to entire low voltage panels as per customer requirements.



▶ RANGE OF PRODUCTS

- ▶ PCC Panels
- ▶ MCC Panels
- ▶ APFC/RTPFC Panels
- ▶ Auto Synchronizing Panels
- ▶ Relay & Control Panels
- ▶ Soft Starter Panels
- ▶ AC Drive Panels
- ▶ PLC Panels
- ▶ Feeder Pillars
- ▶ Busbar Chambers
- ▶ LT Distribution boxes
- ▶ Lighting Control Panels
- ▶ Patch Panels
- ▶ Plug & Socket DB's
- ▶ Bus Trunking System

We offer a wide range of LT Distribution Boxes made of CRC sheet as per customer requirement as well as Electricity board requirement to ensure the complete protection to the transformers with distribution of the various number of circuit. Various options are available with MCCB's, kitkat fuses, Switch Disconnections and fuse links.

▶ 100 KVA LTDB from ERDA

- ✓ Verification of short circuit test – 7.5 kA for 1 sec with initial peak 12.75 kA between phase.
- ✓ Verification of Temperature Rise Units.
- ✓ Verification of Die Electric properties.
- ✓ Verification of Insulation Resistance.
- ✓ Verification of Mechanical operation.
- ✓ Verification of Clearance & Creepage distances.
- ✓ Verification of effective connection between conductive parts of the assembly and protective circuit.
- ✓ IP 44 degree of protection.

▶ Our panels are type tested from CPRI as per IS: 8623 (part-1) – 1993.

- ✓ 4000A, 65 kA short circuit test
- ✓ 2000A, temperature rise
- ✓ IP 65 degree of protection

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TQV



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NE

**National Electrical
Equipments Corporation**

An ISO 9001:2008 Certified Company



GAYATRI
ELECTRIC PROJECTS (I) PVT. LTD.

- Authorised Distributors of Ultracab Ltd.
- Authorised system house of CG power and Industrial solutions Ltd. - M.V. Switchgear.
- Authorised Distributor of National Transformer.

► **List of NATIONAL Products are as under :-**

- Power and Distribution upto 15MVA upto 33KV Voltage Class and includes Energy Efficient & Star Rated.
 - LTCT (Tap Wound & Resin Cast)
 - 11KV / 33KV Current Transformer (Oil Filled for Outdoor Installation)
 - 11KV / 33KV Current Transformer (Resin Cast Dry Type for Indoor Installation)
 - 11KV / 33KV CT/PT Combined Unit.
 - 11KV / 33KV Pilfer Resistance Metering Cubicle.
 - 11KV / 33KV Potential Transformer (Oil Filled for Outdoor Installation)
 - 11KV / 33KV Potential Transformer (Resin Cast Dry Type for Indoor Installation)
 - 132KV / 220KV Current Transformer.
 - 132KV / 220KV Potential Transformer.
-
- **STANDARDS:** IEC 76, ANSI, DIN BS 171, NEPA, IS: 2026, IS: 1130 or to suit any special technical requirements of the customer.
 - **TYPE OF COOLING:** ONAN / ONAF / AF.
 - **VECTOR GROUP:** DY11 / YD11 / DZO or any Vector Group specified by the Customer.
 - **TAPPING:** OFFLOAD / OLTC Complete with RTCC and AVR Panels.



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An Iso 9001:2008 Certified Company

▶ House Wires & Building Wires



BUILDING WIRE - FR



BUILDING WIRE - FRLS



BUILDING WIRE - ZHFR



BUILDING WIRE - HRLF



IS : 694
IS : 1554
IS : 7098



- Authorised Distributors of Ultracab Ltd.
- Authorised system house of CG power and Industrial solutions Ltd. - M.V. Switchgear.
- Authorised Distributor of National Transformer.

▶ Domestic Cable

- | PVC/XPLE Power and Control Cables for LT Applications
- | Multicore Flexible cables for Industries
- | House Wires/Building Wires
- | Flat Cables For Submersible Pumps
- | Telephone Cables/Instrumentation Cables

▶ International Cable

- | Auto Cable
- | Industrial Cables
- | Welding Cables

▶ Special Cable

- | XPLE Submersible Cable
- | Super Flat Submersible Cable for Higher Temperature
- | Ultra Tripple Protected (UTP)
- | House Wire-FR
- | Elevator Cable

▶ UL Approved Cable

- | Single Core Wires
- | Multicore Wires





CABLE TRAY SYSTEM

At Gayatri Electric Projects (I) Pvt. Ltd, We offer complete range of cable tray system extremely versatile and cost effective for your cabling needs. You can select from a wide range of tray sizes, fittings and accessories in various material thicknesses and finishes. Gayatri Electric Project (I) Pvt. Ltd. cable tray is adaptable to your special needs with customized dimensions available upon customer's requirement. The cable tray systems are manufactured using Pre-Galvanized sheet, MS Sheet with Hot Dip Galvanized or Powder Coated as per client's requirements.

Range of Products

- Perforated Cable Tray
- Ladder Type Cable Tray

Cable Trays Accessories

Like Horizontal Bend, Vertical Bend, Tee, Cross Reducer and Coupling Plates are mainly used in combination of joining trays of different ways. Our product design allows the cable to route properly and chamfer of bend take care of cable not allowing to worn out, peel off or get damaged while laying of cables.

Size of Cable Tray System

Width, Height and Length Manufactured as per Client's Requirement. Coupler Plates are Manufactured According to Height of Cable Tray.



STREET LIGHT POLE

At Gayatri Electric Projects (I) Pvt. Ltd, We offer Street Light Poles, Decorative Pole, Garden Lighting Pole, Bollard, etc. The Pole manufactured are appreciated for its sturdy construction, corrosion resistance, easy installation, low maintenance and longer service life. Entire range is manufactured using quality steel through bending, forming, welding and hot dip galvanization processes. Designed and checked as per quality and industry standards, these poles are also improvised by implementing feedback of our clients.

Features:

- Non-corrosive feature
- Well balanced structure
- High Sturdiness
- Longer service life



ABOUT US

The success of Gayatri Electric Projects (I) Pvt. Ltd. over the years has been sheer hard work and commitment towards each work the company has undertaken. Gayatri Electric Projects (I) Pvt. Ltd., an electrical contracting firm, a company providing services in turnkey solution in the field of panel manufacturing. A long and illustrious history of Gayatri Electric Projects (I) Pvt. Ltd. has successfully completed many projects which have led to establishment of in-house activities under one roof since 1984.

Gayatri Electric Projects (I) Pvt. Ltd. today feels proud to offer services in the field of design, installation & commissioning of LT Panels, HT Panels & Power Motor Control Centre Panel. Gayatri Electric Projects (I) Pvt. Ltd. is capable enough to handle large turnkey electrical projects by taking care of all relevant technical parameters and ensuring optimum quality and standards.



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Gayatri Electric Projects (I) Pvt. Ltd.
 is engaged with government sector,
 private sector & consultants across India.

Services Provided by Us

- Switchyard / Substation
- Building and Home Lighting System
- Specialized Lighting (Stage Lighting)
- Town Hall, Auditorium Projects
- O/M of Electrical Equipment's & Instrumentation Systems
- Fire Detection System
- Audio Visual System / CCTV / P.A. System
- Lighting Protection System
- EPABX / Networking System
- Home Automation
- Indoor & Outdoor Lighting
- Smart Lighting / Bridge Lighting
- Solar Systems
- Energy Audit

Our Clientele

