



GUJARAT PLUG-IN DEVICES PVT. LTD.



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About Us



It is the ever growing need of the Power Sector to have cost effective & energy efficient devices since its inception. With 30 years of knowledge and experience, the GPID team continuously implements new and efficient ideas in time to the complete satisfaction of the customer.

We have been providing number of solutions in shaping the conventional and renewable energy sectors in the field of magnetics. Our company is an ISO 9001:2008 registered company. Our internal systems are also designed to maintain the quality expected out of the ISO standards.

We are dedicated to Design, Manufacture and Supply consistent quality electrical products to our customers to their total satisfaction. We strive to continuously improve our product quality by implementing new ideas through dedicated workforce.

GPID is one of the first companies in India to have  approval for its range of Control magnetics. Further, we are also registered manufactures of  approved Control Transformers and Chokes. We actively participate in exhibitions like Elecrama, Automation, etc.



NSIC-CRISIL Rating: SE 2A

**High Performance Capabilities
and
High Financial Strength**





Sudhir Chemburkar

Director, Design & Development

An Electrical Engineer from The M. S. University of Baroda, he has worked in Germany for 3 years. Back in India in 1974, he started Digitronics, an enterprise which has a reputation in the Market till date. Apart from GPID, he actively also manages our 2 other group companies.

sudhir@gpd-transformers.com



Viral Kothari

Director, Marketing, Development

With an MBA from Case Western Reserve University, Cleveland, U.S.A., he has 2 years experience in U.S.A. and 3 years experience with Kwick Sales & Services. He took over charge of GPID in 2002. Under his leadership, a group venture by the name of REO-GPD Pvt. Ltd. has been established in Vadodara.


vkothari@gpd-transformers.com

Certifications / Approvals



The manufacture and sale of electrical magnetics requires extensive testing, for compliance with standards and directives and to ensure product safety. Our products are backed by a strict ISO-based quality assurance system. Each product is thoroughly tested before leaving the plant to ensure proper operation. All products are designed to confirm to the appropriate IS, IEC, UL or Equivalent Standards. Above this, our products are approved by most of the Power Sector Industries of India.

Certifications:

 **UL** – With increased number of machinery being exported to the USA and manufactured for the international market, our OEM clients are continuously in need of UL approved Control Transformers and Inductors for their machines. We supply transformers and inductors/reactors of all ratings as per Insulation file. In our range of transformers, we supply high quality UL approved products. These are all made with Class H insulation and UL approved raw materials. Our UL file may be viewed at www.ul.com under the file nos.:E301764 and E302166.

CE – CE is a mandatory certification mark for the EU and European Region. We have a large clientele for CE approved Control Transformers and Chokes in the power industry. Under the Standards IEC 61558 and IEC 60076, we make Class F as well as Class H insulation magnetics.

Approvals:

EIL/IRS/PDIL/MECON/TOYO – All these consultants have laid down detailed specifications for Electrical Products made specifically for use in Refineries, Fertilizer Companies, Power Plants, Defense and similar important sectors. GPID is an approved vendor for Dry-Type Lighting Transformers and Cast-Resin Transformers in all these sectors.

PGCIL / NTPC / BHEL / IOCL / ONGC / SAIL/DGMS – The Indian Power and Oil Industries are one of the most promising sectors in the country today. We are the prominent suppliers of Dry-Type VPI and Cast-Resin Transformers for all major government undertakings as well as DGMS approved Oil cooled transformer for Oil mines.



Product Range:

Dry-Type Lighting Transformers



- Dry-Type transformers up to 1000 kVA
- Voltage Range – up to 11 kV*
- Air Cooled / Forced Cooled
- Cast Resin / VPI
- Enclosure Ingress Protection up to IP 55*
- Insulation up to Class H
- 4% impedance unless specified otherwise
- Reference Standards – Relevant IS & IEC Standards
- Customized Solutions of all products

* Higher Voltage Class and IP Class may be served upon request



Our products
have been
approved by
**EIL, PGCIL,
NTPC,
ONGC,
IOCL, SAIL,
BHEL
& Many
More**



Product Range:

Control Transformers

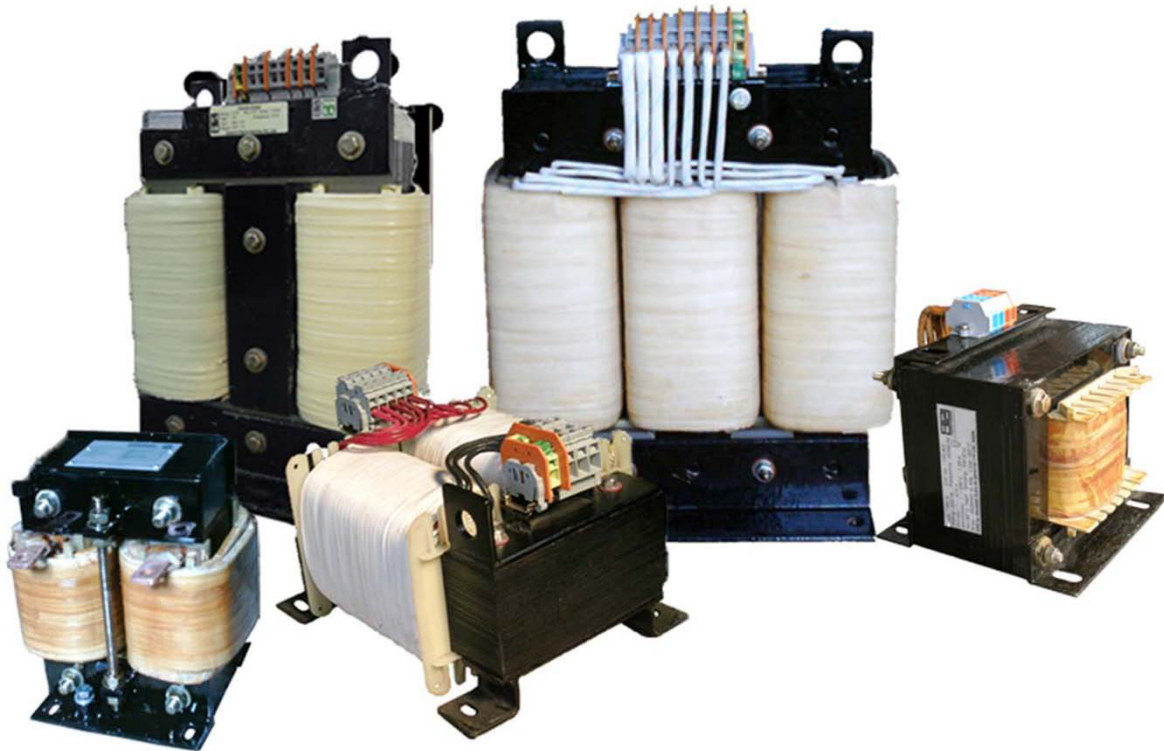


A control Transformer supplies power to Control/Auxiliary Equipment not intended for Direct Connection to the Main Circuit. Control Transformer is specifically used to provide control supply voltage for the control circuits of AC Motor Starter. GPDL is one of the leading suppliers to all Original Equipment Manufacturers (OEMs) in India and abroad.

- Rating: up to 40 kVA*
- 1-phase, 3-phase as well as 3-phase to 1-phase control transformers
- Auto Transformer, Zig-Zag, 6-Ph and Multiphase Transformers are available
- Air Cooled / Forced Cooled
- Cast Resin / VPI
- Enclosure with IP class up to IP 55*
- Insulation up to Class H
- Customized Solutions of all products

*** Higher Power Rating and IP Class may be served upon request**

We enjoy a rich tradition of meeting the highest industry standards for quality, durability, and reliability in the commercial, industrial and OEM marketplace. Our control transformers are safe-guards in Wind and Solar Energy Generating plants.



Product Range:

UL and CE Approved Products



UL - UL Approved Transformers

Gujarat Plug-In Devices Pvt. Ltd. is one of the first companies in India to have Underwriters' Laboratory (UL) approval for this (small) range of Control Transformers. Our Technical file is E302166 and Insulation file is E301764. Our UL range is attractive for all Machine Tool manufacturing companies that export their products to North America.

- Transformers from 100 VA – 40 kVA* as per technical file
- 1-ph, 3-ph as well as 3-phase to 1-phase transformers
- 1-ph and 3-ph Reactors up to 40 kVAR*
- Class H insulation and Temperature



CE - CE Approved Products

We are certified to manufacture CE marked Control Transformers and Chokes. Our products are intended for sale and use within the European Market and conform with European Union directives.

- Transformer Range up to 40 kVA*
- 1-ph, 3-ph as well as 3-phase to 1-phase transformers
- 1-ph and 3-ph Reactors up to 40 kVAR*
- Input and Output Chokes for Motor Drives
- Class F as well as Class H insulation



*** Higher Power Rating may be served upon request**



Product Range:

Inductors



We have been producing input and output reactors for motor and drive application for panel-builders since past 25 years. We ensure best quality and performance in our entire range of reactors.

Key Specifications/Special Features:

- Current Rating up to 2000 A
- 1-Phase and 3-Phase Reactors
- Class H insulation and Temperature
- Input Reactors for Drives
- Output Reactors for Drives
- Reactors for APFC Panels
- Tuned Reactors for Harmonic Filter
- Air Core Reactors
- DC reactors for Rectifiers



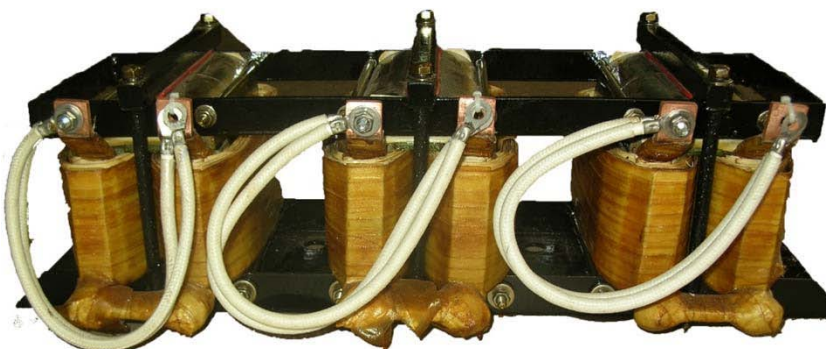
High Frequency Inductors

Our research team has proven excellence in choosing the appropriate magnetic material for different applications of inductors, especially at high operating frequency. We have successfully made Air-Core chokes and also used Amorphous core and Powder cores for our inductors. We have studied and developed innovative solutions for solar and wind power generation plants. We can also provide UL and CE marked products.

Key Specifications/Special Features:

- ➡ Amorphous cores
- ➡ Powder cores
- ➡ Special sheet laminations
- ➡ 3-phase as well as 1-phase
- ➡ Current rating up to 1000A
- ➡ Inductors up to 4 kHz for Solar Panels and Windmills*

*Inductors with frequency $> 4\text{kHz}$ may be served upon request



Product Range:

Special Magnetics



We have a large variety of non-conventional transformers as well as inductors being designed and made in-house on a regular basis. Our clients' suggestions, guidance and feedback over the decades have immensely helped us in designing tailor-made magnetics.

DGMS Approved Ex'O' Transformer for Zone I & II, Gas Gr IIA/IIB

Special transformers for glass industries for 70 Deg C ambient.

Source Transformers

- ➡ Current Source Transformers (Up to 10000A)*
- ➡ Furnace Transformers (Up to 2500A)*

Harmonic Mitigation Transformers

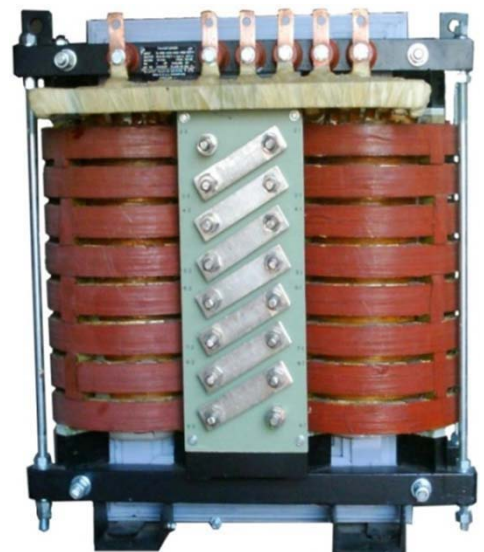
- ➡ Power rating up to 750 kVA

K Rated Transformers

- ➡ K4 to K13 rated transformers*

Auto Transformers

- ➡ Up to 500 HP Motors or Drives
suitable for 3 Starts or 6 Starts per hour*



Product Range:

Control Panels



One of our other specialties is making Control Panels. We have an in-house Fabrication shop where we are continuously making Power Control Panels, Remote Control Panels as per the specific requirements of our esteemed customers. We use the best quality of switchgear made by leading companies L&T, ABB, Schneider, etc. All special requirements of our clients are met while designing the control circuits.

Key Specifications/Special Features:

- ➡ Control Panels for Feeder machines
- ➡ MCC Panels
- ➡ PCC Panel
- ➡ Customized Test Benches
- ➡ Control Panel for HV Testers
- ➡ Panels with Mimic Design
- ➡ Automatic Power-Factor Correction (APFC) Panels
- ➡ Ingress Protection up to IP 55



Group Companies



Kwick Sales & Services

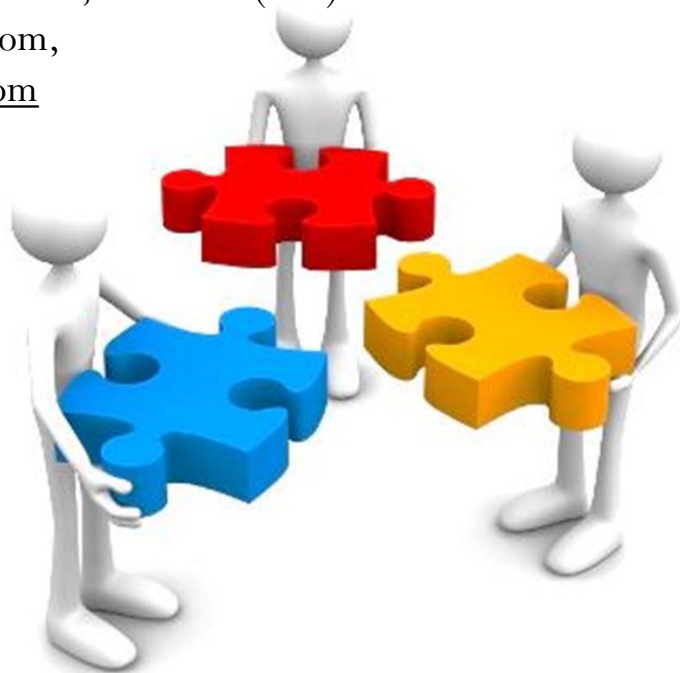
Our sister concern, KSS, is a reputed Trading Unit since the past 20 years. We as authorized dealers of all products for the following Brand Names in the Electrical Industry - Digitronics, Finolex, ABB, LHP, Minilec, Wago, Paramount.

Contact: 103, Maruti Complex, Nr. Natubhai Centre, Gotri Road,
Vadodara – 390 007. India
Phone: (0265) 2396148, 2398249, Fax: (0265) 2396971
Email: kwick_sales@sify.com

REO-GPD Inductive Components Pvt Ltd

A joint venture company with Reo Inductive components of Germany specialized in manufacturing of transformers and chokes for Traction application and high quality state of the art products for drive filters.

Contact: 2/202, Luna Road Village Luna, Taluka Padra,
Vadodara-391440, Gujarat
Phone: +91 (2662) 221723, Fax: +91 (265)2396971
Email: info@reogpd.com,
www.reogpd.com



Esteemed Customers



We are honoured to supply to all major Electrical companies of the Indian Markets.

- ABP Induction Systems Pvt. Ltd.
- Autometer Alliance Ltd.
- Batliboi Ltd.
- Bharat Bijlee Ltd.
- Bombardier Transportation
- Elecon Engineering Ltd.
- Elecon EPC
- Gujarat Glass
- Kabra Extrusion Technik Pvt Ltd.
- Maktel Control & System Pvt. Ltd.
- MAM Inc, (USA)
- Positronics Pvt. Ltd.
- Power Build Ltd.
- Regen Powertech India ltd.
- Rockwell Automation
- Schlafhorst Engg India Ltd.
- Schott Glass India Pvt. Ltd.
- Spaceage Switchgear Ltd.
- Suzlon Energy Ltd.
- Truetzschler India Pvt. Ltd.
- Unilec Engineers Limited
- ABB Ltd
- BHEL
- IOCL
- IPCL
- KMG A to Z Systems Pvt. Ltd.
- Larsen & Toubro
- Neotech Pvt. Ltd.
- NTPC
- ONGC
- PGCIL - Powergrid Corporation of India Ltd.
- PowerMech Pvt. Ltd.
- Reliance Industries Ltd.
- Reliance Power Ltd.
- SAIL
- Siemens Ltd.
- Tecpro Projects
- Vikas Power Equipments Pvt. Ltd.
- Wind World India Ltd.



Contact Us



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