

MANUFACTURERS OF INSTRUMENT TRANSFORMERS



eiaCI

مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre
004-CB-QMS

ISO 9001:2015



DELTA ELECTRICALS

ABOUT US

We are Delta Electricals, an ISO 9001:2015 Certified Company manufacturing the best-in-class Industrial Transformers. Buoyant with a consistent and encouraging response from the market, we agreed and decided to enter the field of Industrial Transformers. We have excelled in this industry by quickly becoming a leading specialist manufacturer, recognized for premium quality products, conceptual pricing experience and innovation in fast-track design-build execution processes. In an attempt to offer not only a commodity but also a philosophy in the power and transformer market, we now maintain a premium status in the field of transformers.

Delta Electricals is the trusted name among the producers of Instrument Transformers in Vadodara, Gujarat to offer the most innovative line of transformer products to our customers at very competitive prices. Our Instrument Transformers are built so well that they can withstand high temperatures and harsh weather environments. As a leading manufacturer of Instrument Transformers, our transformers are often prepared with high-quality raw materials from reputable suppliers in the electrical industry. At Delta Electricals, we constantly aim to increase the overall consistency and efficiency of our goods. Furthermore, our transformers are very ideal for a wide variety of manufacturing applications and business processes.

The greatest feature of our Industrial Transformer is that they are easy to mount and maintain. We guarantee that our transformers are free from any kind of magnetic failure, leakage or spike. As needed by our global clientele, we make it available even at the short notice, so as to meet their deadline as well as match their requirements. Instrument Transformers are known and widely used for their quality and durability supported by their encapsulation of epoxy resins that avoid moisture from entering the windings. They thus provide such a high degree of protection against unfavourable atmospheric conditions and have the potential to run at 100% humidity without interruption of operation.

As one of the well-known Industrial Transformer manufacturers, we recognize the need for a transformer and have tailored solutions ready for you according to your needs. Kindly contact us for more details.

VALUES

- To maintain supreme quality standards in designing and manufacturing process.
- Continuous follow-up and upgrade of our capabilities to balance changes in the international community.
- Keep doing Ethical jobs with Leadership.
- Maintaining a spirit of teamwork along with the long-term partnership.

VISION

Consolidate our national as well as International footprint as a leading producer of Instrument Transformers and maintain an average annual growth rate of 50 percent.

MISSION

To emerge as a favourable solution provider for our premium quality Instrument Transformers with a team of committed professionals and ethical business associates, who are value-driven and know how to develop and maintain outstanding customer relationships.

MANUFACTURING PROCESS

The Current Transformer design and the core must be carefully selected for its accuracy as excitation current is essentially subtracted from metered current and thus affect the ratio & phase angle output current.

We use low loss, high permeable, non-aging & non-deteriorating CRGO core. MUMETAL core is used where High metering accuracy is required.

Core winding is also calculated to evenly spread the stress and avoid concentration at any one point.

High-quality insulation material and sufficient layers of PVC / FIBERGLASS/COTTON tape are provided to ensure optimum insulation. ABS cover used are fire retardant, mechanically strong with high dielectric strength, and protect the CT's from humidity and dust.

Resin cast CTs & PTs are processed by hot curing method under completely controlled vacuum conditions. A sufficient curing period in the oven is allowed after molding to ensure a perfect setting with a smooth anti-tracking surface. This results in impermeable insulation which keeps the winding free from adverse effects of any vibration, moisture, fumes, or other atmospheric interference.

QUALITY ASSURANCE

We source our materials from top companies in their respective field. All inputs are allowed to enter the assembly line after passing all quality checks and tests to conform to set specifications.

Each product undergoes process testing during various stages of production & after final finishing.

Our professionals assure that all the assigned tasks are completed with precision keeping in mind all the guidelines formulated by the organization. We have a wide distribution channel that further helps us deliver the orders at the client's premises as per the scheduled time-frame.

TESTING FACILITY

We have an in-house lab facility to conduct accuracy, dielectric insulation test, knee point voltage test, high voltage power frequency test, partial discharge test, induced overvoltage with stand test, polarity test, and resistance test.

All our CTs & PTs are process and final tested and test reports provided in our upgraded testing facility on the Eltel-AITTS, for partial discharge test on model PDC 13 is the most advanced PD detector-Akil Electronic System. This is fully automatic with powerful measurement & analysis software.

At suitable intervals, CTs and PTs are tested at independent Test lab ERDA.



Our Products



LT CURRENT TRANSFORMERS



**VARNISH
CURRENT TRANSFORMER**



**LT POTENTIAL
TRANSFORMER**

DELTA ELECTRICALS



**11 KV INDOOR RESIN CAST
CURRENT TRANSFORMER**



**11 KV INDOOR RESIN CAST
WINDOW TYPE
CURRENT TRANSFORMER**

Our Products



11 KV INDOOR RESIN CAST
POTENTIAL TRANSFORMER



33 KV INDOOR RESIN CAST
POTENTIAL TRANSFORMER

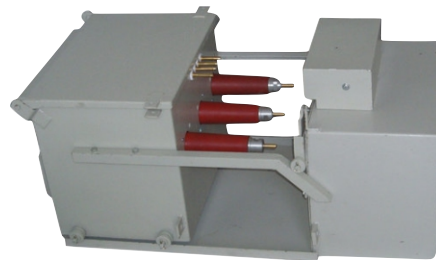
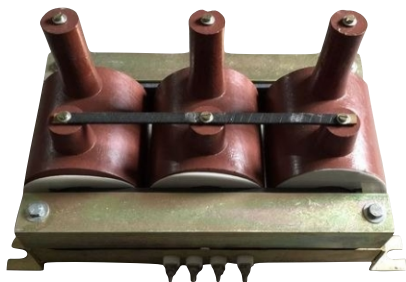


33 KV INDOOR RESIN CAST
CURRENT TRANSFORMER



11 KV INSULATOR

DELTA ELECTRICALS



11 KV 3 PHASE RESIN CAST DRAW OUT
POTENTIAL TRANSFORMER

Our Products



11 KV THREE PHASE CT PT COMBINED METERING UNIT



33 KV THREE PHASE CT PT COMBINED METERING UNIT



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