

## Distribution Transformer

Distribution transformer is an electrical transformer that is used to carry electrical energy from a primary distribution circuit to a secondary distribution circuit. This can also be used to transfer current within a secondary distribution circuit or to the service circuit. These transformers minimize the voltage supply of the primary circuit to the amount of voltage desired by the consumer.

The amount of this voltage keeps on changing and can be different for commercial consumers, residential consumers and light industry consumers. We manufacture distribution transformer from 5 KVA single phase to 2500 KVA three phase. These can work at different voltage and frequency levels according to the standards prevailing in the various countries.

### *Salient Features*



- Distribution transformers can be single-phase or three-phase.
- Usually, single-phase transformers are used for residential applications.
- The three-phase transformers with a pad installed on them are used with an underground primary circuit, whereas three single-phase pole type transformers are used for overhead services.
- There are some distribution transformers, which can also offer network services. They are usually mounted in an underground vault. In this type of transformers, power is supplied through underground cables.

## *Uses & Applications*

Distribution transformers are widely used in various fields. Some of its common applications include:



- Telecommunications
- Sensitive electrical or electronic equipment
- Data processing equipment
- Transmission lines
- Radar systems
- Photocopying machines
- Tool machines
- Test control and measuring systems
- Safety alarm and lighting plants

## **Power Transformer**

A Power Transformer characterized by inner and outer low voltage winding sections and a high voltage winding section disposed there between. The low voltage windings are comprised of a plurality of pancake coils, and the high voltage winding are comprised of a plurality of conductor strands spirally wound for a plurality of coil layers. The low and high voltage winding sections are laterally spaced with the low voltage windings disposed in side-by-side positions and adjacent to the high voltage windings. The high voltage windings having a smaller turn height than the low voltage windings and having conductor strands of smaller gauge than the pancake coils of the low voltage windings.

## *Salient Features*



- 3 Phase Input
- Short Circuit Protection / overload/over voltage/over heat
- Volt Meter and Amp Meter
- Volt Meter/Amp Meter/MCB for each output
- Lock for each Output
- Servo Controlled Voltage for Constant Voltage

## *Uses & Applications*

Power Transformers are widely used in various fields. Some of its common applications include:



- Telecommunications
- Sensitive electrical or electronic equipment
- Data processing equipment
- Transmission lines
- Radar systems
- Photocopying machines
- Tool machines

- Test control and measuring systems
- Safety alarm and lighting plants

## Hermetically Sealed Transformers

We manufacture Hermetically Sealed Transformers that are completely self protected. Hermetically sealed transformers are completely sealed against air and water, so there will not be any oxidation, humidity and other harmful effects of any leakage in the transformer. Accordingly, this type of transformers do not require maintenance, they are naturally self protected. You can contact us for further information.

### *Salient Features*



- Durable
- Power saver
- Low maintenance
- Reasonable prices
- Lock for each Output

### *Uses & Applications*



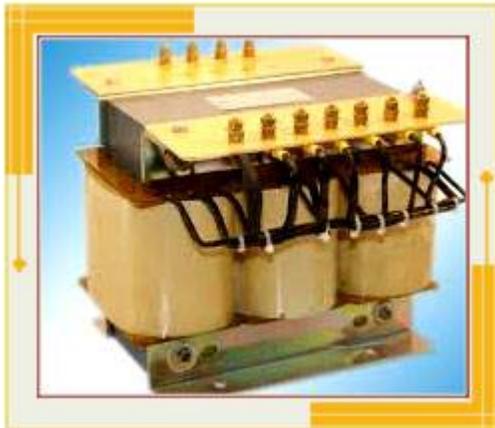
Hermetically Sealed Transformers are widely used in various fields. Some of its common applications include:

- Telecommunications
- Sensitive electrical or electronic equipment
- Data processing equipment
- Transmission lines
- Radar systems
- Photocopying machines
- Tool machines
- Test control and measuring systems
- Safety alarm and lighting plants

## Isolation Transformer

Isolation Transformer is manufactured by us as per IS: 2026 specifications and is made available in standard as well as customized models to serve the specific needs of the customers. Several shielding techniques in our Isolation Transformer effectively reduce intertwining capacitance to less than 0.005 Pico farad and causes an increase in D.C. Isolation up to 1000 Mega ohms.

### *Salient Features*



- Total isolation of primary from secondary circuit
- Provides perfect neutral
- Sturdy construction
- Long running time
- Accurate performance

## *Uses & Applications*



Isolation Transformers are widely used in various fields. Some of its common applications include:

- Telecommunications
- Sensitive electrical or electronic equipment
- Data processing equipment
- Transmission lines
- Radar systems
- Photocopying machines
- Tool machines
- Test control and measuring systems
- Safety alarm and lighting plants

## **Furnace Transformers**

Our clients can avail Furnace Transformers as manufactured from high quality of raw materials purchased from certified vendors. Our transformers are easy to install and use offering the high consistency. These are well renowned for its excellent functionality, high durability and maximum consistency. We offer these transformers in accordance to the client's requirements at most reasonable prices.

## *Salient Features*



- Powerful performance
- Resistant to short-circuiting
- Sturdy construction
- Easy installation
- Accurate performance

## *Uses & Applications*



Furnance Transformers are widely used in various fields. Some of its common applications include:

- Telecommunications
- Sensitive electrical or electronic equipment
- Data processing equipment
- Transmission lines
- Radar systems
- Photocopying machines
- Tool machines
- Test control and measuring systems
- Safety alarm and lighting plants