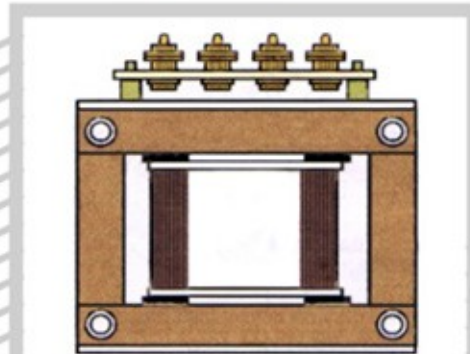


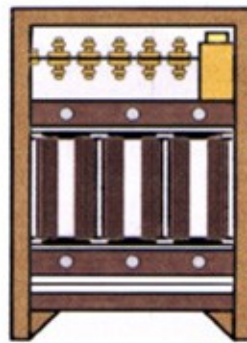
TRANSFORMER

L. T. / ISOLATION

SINGALE PHASE



AN ISO
9001 : 2000



THREE PHASE

**Range : 1 kVA to 100 kVA Single Phase &
Three Phase Transformer Air / Oil Cool**

Quality Reliability & Precision Work

IEC

Experience, Product, Excellence, Live... in action

Manufactured By :



INDUSTRIAL ELECTRICAL CORPORATION

602, Phase IV, B/h. Maruti Weigh - Bridge, GIDC Vatva, Ahmedabad - 382 445.

Tel. (F) 5831047 Fax : 079-5834379 Mobile : 98240 01342

E-mail : iec@ad1.vsnl.net.in Web site : www.iecindia.com

F:27; Rev.01 Wef 1/3/03



General :- Transformer is two winding device. Functioning of this device is to step up or to step down the voltage as per require voltage.



SINGALE PHASE

If the required voltage is low than supply voltage then its work as step down transformer.

If required voltage is higher than supply voltage then its works as a step up transformer.

In Isolation Transformer both Primary & Secondary Voltage & Current Common & Isolate the magnetic distribution from supply.

Transformer rating always consider in kVA. The ratings are depends on input & output voltage & current delivered by the unit.

There are a two type basic raw materials.

- 1) C.R.G.O. / C.R.N.G.O. Silicon steel laminations.
- 2) Copper winding
We designs in such a manner to produce the flux & convert the voltage in secondary Winding.

Copper winding are in two stage.

- 1) Primary winding
- 2) Secondary winding

THREE PHASE



L.T. TRANSFORMER

FEATURES :

- 1) Excellent voltage regulation & efficiency
- 2) No wave form distortion
- 3) Simple & easy to handle
- 4) Rugged mechanical construction
- 5) Moderate temperature rise
- 6) High short time surge current capacity

APPLICATION :

- 1) Industrial purpose for control ckts
- 2) Instrumentation supply.

WARANTEE

One year warranty against any manufacturing defect.

ISOLATION TRANSFORMER

FEATURES :

Isolation Transformer are effective for isolating sensitive equipment from voltage transient, spikes, noises and DC leakage etc. They are specially designed for sensitive equipment and preventive such disturbance generated by the noisy equipment, load from being injected into the power line. The multiple shielding technique employed in isolation transformers reduce the inter winding capacitance to below 0.005 Pico farad and increases DC isolation to over 1000 M ohms.

Isolation Transformer provides electrostatic shielding, attenuate common mode noises and minimize transverse mode noises. Three single phase isolation transformer, may be connected in star configuration to get three phase isolation transformers. Isolation transformer can also be used for voltage conversions of 230 to 230 Volts, 110 to 115 Volts, 230 to 115 Volts or 115 to 230 Volts AC.

APPLICATION

- 1) Protection of Computers
- 2) Computer peripherals
- 3) Office Automation Products
- 4) Telecommunication systems
- 5) Biomedical Equipment, Micro Processor based product
- 6) CNC Machines, Transmitters, Signaling Equipment, Radar
- 7) Scientific apparatus, Audio & Video Equipment, process controllers etc.