



# VINITEC

The Technology Leaders

**SERVING FROM LAST 50 YEARS**



## Isolation Transformer



Automatic Phase Sequence Corrector



Servo voltage Stabilizer



UPS System



LT Panel



Automatic Voltage Stabilizer

# Vinitec ELECTRONIC LABORATORY

### Ultra Isolation Transformer

VINITEC Isolation range employs a unique multiple shielding technique that reduce the inter winding capacitance to below 0.009 pf and DC Isolation to over 100 Megaohms and line leakage current to a safe 10 microamps maximum. Attenuation of common mode noise is about 100dB.

VINITEC Isolation power Line Noise Isolator is an ultra-isolation transformer which prevents passage of line voltage transient, spikes and galvanic leakages from reaching sensitive or critical equipment, like Computers & its peripherals, Medical Instrumentation, Digital Communication and Telemetry systems etc.

- \* Complete Electrostatics Shielding.
- \* D.C. Insulation <1000 Megaohms.
- \* Minimizes Transverse Mode Noise.
- \* Line and Load Regulation better than  $\pm 3.5\%$ .
- \* Minimizing Common Mode Noise by Over 130 dB.
- \* Quality Components, Conservating Ratings and ruggedized design for best Long Term Value.



### Technical Specification :- Single Phase/ Three Phase Isolation Transformer

<b>Rating</b>	1KVA to 2000 KVA or As per Customer requirement
<b>Input Voltage Range</b>	220V / 230V in Single Phase & 400 V / 415 V Three Phase Delta & Star connection
<b>Output Voltage</b>	220V / 230 V in Single Phase & 400 V / 415 V Three Phase Delta & Star connection
<b>Ratio</b>	1:1 Isolation
<b>Wave Form Distortion</b>	Nil
<b>Cooling</b>	Natural Air Cooled /Oil Cooled
<b>Type</b>	Indoor / Outdoor
<b>Duty Cycle</b>	Continuous 24X7
<b>Spike Clamping Level</b>	500 V ( Normal )
<b>Spike Voltage</b>	6 k V ( Max )
<b>Spike Current</b>	5 k A ( Max )
<b>No Load Loss</b>	Less than 0.5%
<b>Breakdown Strength</b>	2500 V AC for two Minutes
<b>Coupling Capacitance</b>	Less than 0.005 pF
<b>Load Regulation</b>	About 3.5%
<b>Line Leakage Current</b>	Less than 10 micro amps upto 1 KVA
<b>Efficiency</b>	Better than 98 %

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(An ISO 9001: 2015 Certified Company)

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