Isolation Transformers

AEI manufacture single and three phase isolation transformers with grounded electrostatic shield for health care isolated ungrounded electrical power supply systems. For I.T. / computer systems AEI also manufacture electrostatic shielded isolation Transformers to provide independent neutral.

These dry type isolation transformer are manufacturer as per the requirement of NFPA99. the transformer core is made of high quality grain oriented silicon steel. Winding is made of high purity copper for high efficiency and all insulation materials and components are selected for maximum temperature rise as per UL1047.

The transformer is designed for high ambient temperatureupto 55°C using vacuum impregnation technology to insure low leakage current and durable operation, grounded electrostatic shield is provide between primary & secondary winding as per NFPA99

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**Construction**

High quality grain oriented coated silicon steel sheets is use for the core.
High purity enamel copper wire is used for the winding construction.
Single phase transformer has two poles winding construction.
Three phase Transformer has three poles winding construction.
Grounded electrostatic shield between primary and secondary windings

**Key Features**

- Single phase health care transformers upto 10KVA for IPS / IPP / IPB/SCP/SFC/Bed Head Unit.
- Single / Three phase heavy isolation transformers upto 25KVA for surgical laser, X-Ray etc.
- Voltage 120/208/240/277/400/480Volts, 50/60Hz .
- For I.T. / Computer system power supply independent neutral and shielded secondary winding for high power quality.