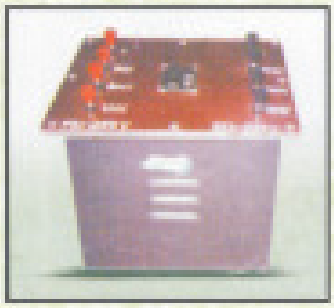
Premier

TRANSFORMERS (SINGLE & THREE PHASE)



Transformer
1 KVA/2KVA Outer View.

Transformer
5 KVA Outer View.

AIR COOLED TRANSFORMERS
Single / Three Phase

- Made from CRGO grade laminated core of silicon steel.
- Copper double wound.;
- Tappings on primary & secondary windings ;
- Insulated Terminals for Primary & Secondary windings on bakelite plate fixed on top, for ease of study of connections for various configurations.
- Elegant M.S. Box.

TYPE : Shell type OR Core type.
Capacity: 1,2,3,5 KVA
Voltage ratio : 230/1 1 5 V : or 230/230V (Single Phase)
400/230V : or 400/400V (Three Phase)
or as desired.

THREE PHASE TRANSFORMERS oil Cooled

- Made from laminated core of silicon steel; CRGO Grade
- Copper double wound
- Primary & Secondary windings with tappings provided through Insulated Terminals/bushings on top for studying different connection combinations
- Elegant M.S. Box for oil cooling with INLET AND OUTLET drain, stop-cocks, oil indicator
- Demonstration study for working of CONSERVATOR & BREATHER arrangement (Optional)

SPECIAL TRANFORMERS

Tertiary Winding Transformer

In a Three phase STAR/DELTA Core type Transformer, the potential of the insulated Neutral point oscillates at the third harmonic frequency about a mean value, as the third harmonics current cannot flow in balance three phase three wire system. In order to stabilise the potential of the Neutral, a third winding called TERTIARY winding, consisting of three small auxiliary windings connected in Delta and E.M.R at fundamental frequency around this tertiary delta is zero, so that no fundamental current flows but this tertiary delta constitute a short circuit path for the third harmonic currents restoring the flux waves to their normal shapes and the potential of the insulated neutral is stabilised.
RATING: 1 KVA, 3 Phase, 400/230 V, Primary & Secondary connected in STAR/STAR and Tertiary winding, 115V DELTA

SCOTT CONNECTION TRANSFORMER

Consisting of two identical single phase transformers of about 2/3 KVA, 230V, 50Hz, double copper wound, air cooled , having suitable tappings at 50% & 86.6% provided on both transformers for converting 3 phase supply to two phase supply ,
All the terminals of primary & secondary of the two transformer with the tappings shall be brought over to a bakelite plate for making scott connection.