

OMEGA TYPE 20 005 Parallel Operation of Two Single Phase Transformers is designed to study basic concepts of parallel connections of two or more single phase transformers. One can load the transformer more than the rating of individual transformer to analyse the parallel operation phenomenon. It helps to study the significance of connecting two transformers in parallel and its effect on the system. Besides above the students can study the polarity in the transformers. This training board provides to learn the functioning of a single phase transformer.



OBJECT

- 01 Study of polarity test under two single phase transformers
- 02 Study of parallel operation of two single phase transformers under equal voltage ratio
- 03 Study of parallel operation of two single phase transformers under unequal voltage ratio.

FEATURES

- 01 Two identical single phase transformer
- 02 Facility to use fixed and variable load
- 03 Equipped with supply indication lamp
- 04 Designed by considering all the safety standards
- 05 Diagrammatic representation for the ease of connections
- 06 Exclusive and compact designed
- 07 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

TECHNICAL SPECIFICATIONS :

The board consists of the following built-in parts:

- 01 Two Digital AC Voltmeter 0 - 500 V.
- 02 Two Digital AC Ammeter 0-10Amp.
- 03 Two Transformer :
Rating : 1 KVA
Primary Voltage : 0 - 230 V,
Secondary Voltage : 0 - 200-230 V,
- 04 Main supply : 230V \pm 10% at 50Hz
- 05 MCB : 10 A
- 06 Weight : 45Kg. (Approx.)
- 07 Dimensions (mm) : L600 x H450 x H350mm

LIST OF ACCESSORIES:

- 01 Shrouded Patch cord 4mm length 50 cm .18

OTHER APPRATUS REQUIRED:

- 01 Resistive Load OMEGA TYPE 20 202 or 20 203

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

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