



SINGLE-PHASE AND 3-PHASE TRANSFORMERS

RG 267

Description:

A transfer motor is a stationary electromagnetic device that transfers energy from one circuit to another in an alternating current system. The working principles of the transformer are based on mutual induction. The construction and theory of the transformer will not be discussed here, and only the materials that are necessary in the experiments will be briefly mentioned. The transformer training system is a complete set and equipped with the latest modules related to transformer tests in the laboratory of electric machines. In each test, circuit wiring method, schematic and block diagram of the test and a summary of the theory and results have been prepared.

Specifications:

- AC asynchronous machine 380V, 2850RPM, 50HZ, 2.2KW with the ability to work as a synchronous machine 380/220V, 2875RPM, 50Hz, 1.1KW
- Squirrel cage asynchronous Rotor
- Suitable carbon steel structure
- Signal light, RCCB, miniature fuse
- Fixed three-phase output
- Variable voltage power supply 0-55VDC, 6.5A
- Power supply DC 260VDC, 6A
- Digital speedometer with 0-10000RPM sensor, acc: 1rpm
- Three-phase variable resistance starter for asynchronous motor, 3.2kw, 380/220v, 6A, three-phase.
- Three-phase continuously variable resistive load 3.2KW, 380/220V, 6A
- Continuous three-phase variable step capacitive load (14 steps) 660V, 1.5KVAR
- Continuously Variable Three -Phase Inductive Load
- Three-phase Inductive-load continuously variable 220/380V, 30A, 2KVAR With continuous linear variation - with the ability to linearize with capacitive load
- Driver 3 PHASE, 380V, 2.2KW
- Autotransformer 0-425V, 10A, 3 PHASE
- Variable rheostat 1KW, 1A, 1000 OHM
- Torque meter 0-10N.M, acc: 0.1N.M
- AC measuring device including multimeter, ammeter and voltmeter
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.



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Applications:

1. Familiarity with single-phase and three-phase transformers
2. Open circuit or no-load test of single-phase motor transformer
3. Short circuit or impedance test

Required For Operation:

- 3-Phase 25 A Electricity
- Relative Humidity: 15% - 80%



Dimensions (L*W*H) mm:1500x 800 x 1500

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