DLWD-DJ22-M Induction Machine Training System

The induction machine training system includes DC motor, AC motor, single-phase transformer, three-phase transformer and its control circuit, the device established a teaching and training system for measurement of voltage, current, torque, speed, mechanical power, etc..

Technical parameter

Input voltage three-phase five-wire: 380V ± 10% 50HZ

Working environment temperature range: -5 ~ 40 °C

Device capacity : AC power: <1.5KVA   DC excitation power supply: <0.5A Armature power supply: <2A

Dimensions L × W × H = 1810x720x1620mm

Specification for workbench

1), Input voltage three-phase five-wire: 380V ± 10% 50HZ

2), Working environment temperature range: -5 ~ 40 °C

3), Device capacity AC power <1.5KVA

The general power control with leakage protection, when the leakage current up to 30mA, the protection device action.

Training Content

1 Frequency Converter Panel Control Motor Start and Stop

2 External Terminal Control Experiment Based on Frequency Converter

3 Reverse Switch Control Motor Forward and Reverse Experiment

4 Use Star - Delta starter to Star Motor

5 Combination Switch Control Two-speed Motor Experiment

6 Contactor Controlled Motor Self-locking Experiment

7 Contactor Interlocking Motor Forward & Reversing Control Circuit

8 Dual-interlock Three Phase Asynchronous Motor Forward/Reversing Control Circuit

9 Y-△ Start Experiment Controlled by Contactor

10 Y-△ Start Experiment Controlled by Contactor

11 Three-phase Asynchronous Motor Sequence Control

12 Single-phase Capacitor Motor Start Experiment

13 Single Phase Capacitor Motor Forward and Reverse Experiment

14 Single-phase Resistance Motor Forward and Reverse Rotation Experiment

15 Switched Reluctance Motor Speed Control Experiment

16 How to Use Torque Sensor