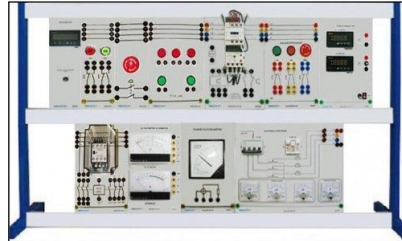




Experimental Panel AC Machines

Category: Electrical Engineering · Model reference: MZM-4001



SPECIFICATIONS

DESCRIPTION :

The experimental panel system is used for the coherent teaching of the principal mechanical configuration and basic operating principles of the most important AC machines in teacher-oriented lessons and lectures to conduct the experimental groups.

PRODUCT MODULE :

1. TACHOMETER
 - RPM Range: 0...9999rpm
 - Input: AC 240V
2. POWER FACTOR
 - Range: 0.5 (Lag)...1...0.5 (Lead)
3. METER Y-DELTA TIMER RELAY
 - Voltage: 240VAC
 - Contact: NO & NC
 - Time : 0...60seconds
4. PILOT LAMP
 - Pilot Lamp x 5 units
 - Input: 240VAC
5. THERMAL CONTACTOR RELAY
 - Rated Voltage : 240VAC
 - Rated Current : 2.8A-22A
6. SIMULATE SWITCH BOARD
 - Rated voltage : 240VAC
 - Push Button x 3 units
7. AC MEASUREMENT UNIT
 - Voltmeter range: 0...500VAC
 - Ammeter range: 0...2A
 - Input: AC 240V, 50Hz 1-Phase
8. THREE PHASE CONTACTOR
 - Rated Voltage : 415VAC
 - Rated Current : 10A
 - Coil Voltage: 240VAC x 3 unit
9. AC VOLTMETER & AC AMMETER
 - Measurement Mode : AC
 - Voltage Ranges : 5V,50V,250V,1000V
 - Current Ranges : 1A, 5A, 25A
10. KILOWATT METER
11. ADJUSTABLE THREE PHASE
 - Protection Fuse 2A x 3 units
 - Pilot Lamps L1 , L2 & L3
 - Fault Current Circuit Breaker 3 Poles
 - Output: 0...240VAC x 3 units
 - 0...415VAC
 - Input: AC 415V, 50Hz 3-Phase
12. THREE PHASE SYNCHRONOUS GENERATOR
 - Power: 170W
 - Voltage: 415VAC
 - Current: 0.43A
 - Excitation Voltage: 12VDC
 - Excitation Current: 1.4A
 - Speed: 1500rpm
 - Connection: Y
13. THREE PHASE SALIENT POLE MACHINE
 - Power: 300W
 - Voltage: 415VAC
 - Current: 1.17A
 - Excitation Voltage 12VDC
 - Excitation Current: 0.3A
 - Speed : 1800rpm
14. THREE PHASE SYNCHRONOUS MOTOR
 - Rated power:100W
 - Rated voltage: 380V(Y)
 - Rated current: 0.6A
 - Rated speed: 1400rpm
 - Insulation class: E
15. SINGLE PHASE SYNCHRONOUS GENERATOR
 - Power: 250W
 - Voltage: 240VAC
 - Current: 1A
 - Speed: 1400rpm
16. WOUND ROTOR INDUCTION MACHINE
 - Power: 100W Voltage: 415VAC Current: 0.55A
 - Excitation Voltage: 12VDC
 - Speed: 1400rpm
 - Connection: Δ & Y
17. THREE PHASE INDUCTION MOTOR
 - Power: 170W
 - Voltage: 415VAC
 - Current: 0.45A
 - Speed: 1500rpm
 - Connection: Δ & Y
18. SINGLE PHASE SYNCHRONOUS MOTOR
 - Power: 250W
 - Voltage: 240/415VAC (Δ / Y)
 - Current: 2.2/1.3A (Δ / Y)
 - Speed: 1725rpm
19. SINGLE PHASE CAPACITOR START INDUCTION MOTOR
 - Power: 200W
 - Voltage: 240VAC
 - Current: 2.5A
 - Speed: 1725rpm
20. PERMANENT SPLIT CAPACITOR MOTOR
 - Power : 250W
 - Voltage: 240VAC
 - Current: 1A
 - Frequency: 50HZ
 - Speed: 1400rpm

Send Enquiry **Your Name****Your Email****Tele Phone**



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