

Product Name :
Advanced Electrical Technology Know-how Training Set

Product Code :
CIVIL-AET-139-0001



Description :

Advanced Electrical Technology Know-how Training Set

Technical Specification :

Technical parameters of the advanced electrical technology know-how training set

Each side features a power switch with leakage protection. Leakage current up to the technical parameters:

Input power: AC380V, 50Hz/60Hz, Three-phase, five wires

Environment: temperate range is -5?40?

Protection device action when capacity current below 1.5KVA,30mA

3 pcs AC voltmeter with indicator 450V

AC power:

- 1) Three phase output
- 2) 0?220V/2A adjustable AC power output
- 3) Transformer AC output: equipped with emergency stop button. Cut three-phase output when push it.

DC stabilized power supply:

1.25?30V/2A accuracy of adjustment 1%,

Provide 0~190V/2A adjustable DC power

Digital meter

- 1) AC digital voltmeter, precision class 1.0
- 2) AC digital ammeter, measurement range 0~5A ,precision class 0.5;
- 3) DC digital voltmeter, measurement range 0~300V,input resistor 10 M?,
- 4) DC digital ammeter, measurement range 0~5A ,precision class 0.5;

Commutation diode 1N5408

Training content of the advanced electrical technology know-how training set

1. Control of head lamp
2. Control of single switch
3. Double switch control
4. Delayed switch and dimming switch control
5. Multi switch control
6. Inching corotation control circuit
7. Contactor self-locking corotation control circuit
8. Contactor self-locking corotation control circuit with overload protection

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9. Inching and continuous mixed corotation control circuit
 10. Counter-rotating control circuit of Contactor interlocking
 11. Counter-rotating control circuit of button interlocking
 12. Counter-rotating control circuit of button and contactor double interlocking
 13. Position control circuit (stroke control or limit control circuit)
 14. Sequency control circuit
 15. Multi control circuit
 16. Stator winding series resistance reduced voltage starting control circuit.
 17. Rotor winding series three-phase rheostat starting control circuit
 18. Inversed grafting control circuit (one way and both way)
 19. Manual control -?reduced voltage staring control circuit
 20. Button, contactor, Intermediate relay compensator reduced voltage starting control circuit
 21. Timing relay auto-control compensator reduced voltage starting circuit
 22. Lathe electrical control circuit (Modle:CA6140)
 23. Radial drilling machine electrical control circuit (model:Z37,Z3050)
 24. Grinding machine electrical control circuit (M7130)
 25. Universe milling machine electrical control circuit(X6132)
 26. Horizontal boring machine electrical control circuit(T68,T610)
 27. Overhead travelling crane electrical control circuit(15/3MT)
 28. Acknowledge and operation of PLC
 29. Acknowledge and operation of Programming cable
 30. Study of PLC software
 31. Boolean instruction training
 32. Timing instruction training
 33. Count instruction training
 34. Assignment instruction training
 35. Data shift instruction training

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36. Arithmetic operation instruction training
 37. Logical order training
 38. Step instruction training
 39. PLC on line monitoring experiments
 40. PLC RAM eliminate experiment
 41. Assemble of parallel silicon stabilivolt stable circuit
 42. Assemble of series transistor stable circuit
 43. Knowledge game responder

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