

Product Name :

Electrician Assessment Training System for Power Supply and Power Distribution

Product Code :

CIVIL-EAT-48-0001

**Description :**

Electrician Assessment Training System for Power Supply and Power Distribution

Technical Specification :**Overview of the Electrician Assessment Training System**

The electrician assessment training system can complete the training projects involving power distribution rooms with high & low voltage electrical equipment, monitoring and meter reading, power relay and

relay protection, switching operation, atypical low-voltage electrical lines and other content. It can be used as power supply and distribution in professional training equipment and power distribution equipment on duty electrician training assessment platforms in vocational schools and technical schools.

DLWD-5A ? power supply and distribution on duty electrician training systems includes high and low voltage distribution cabinet, and an analog control panel composed of a variety of distribution assessment circuits. 10KV high voltage uses 0.4KV voltage level to simulate, various electrical use the real original 12 high-voltage power distribution cabinets, making it closer to the industrial field.

Technical Parameters of the Electrician Assessment Training System

Rated insulation voltage: DC 660V

Rated working voltage: AC 380V

Rated operating voltage of auxiliary circuit: AC 380V 220V

Busbar rated current: 100A

Branch busbar rated Current: 10-16A

Total dimension: 5600×800×2200mm

Training content

Training 1 Power on/off simulation of power distribution system

Training 2 Training on mutual inductor

Training 3 On-load voltage regulation of transformer

Training 4 Transformer switching operation

Training 5 Busbar switching operation

Training 6 Training on motors

Training 7 NO-time limit over-current protection

Training 8 Fixed time over-current protection

Training 9 Training of MCGS basic configuration

Training 10 Star and triangle training of motor

Training 11 Application of PLC software

Training 12 Zero sequence current protection training

Training 13 Non-electric parameter protection

Training 14 Incoming line standby power training

Training 15 Low-voltage protection training

Training 16 Zero sequence voltage protection training

Training 17 Negative sequence voltage protection training

Training 18 CT break line alarm training

Training 19 High-voltage breaker divide-shut brake operation training

Training 20 Training of three-phase asynchronous motor frequency control of motor speed

Training 21 Training of PLC and

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