

Product Name :
Three Sets Group Control Elevator Trainer

Product Code :
CIVIL-BAT-160-0004



Description :

Three Sets Group Control Elevator Trainer

Technical Specification :

This three sets of group control elevator trainer adopts the most common lift elevator structure and aluminum frame. It has almost all of the features of the actual elevator. In fact, it can be seen as a miniaturized elevator. Each action during the running of the elevator is clear at a glance. Students can also repeatedly operate, so that they can understand and master the structure and operation

principle of the elevator more intuitively and thoroughly.

Technical Parameters

1. Input power supply: Three-phase five-wire system, AC220V \pm 10%, 50Hz
2. Rated power: 1KW
3. Environment temperature: -10 $^{\circ}$ C~40 $^{\circ}$ C
4. Relative humidity: \leq 85%
5. Dimensions: (L \times W \times H): 900mm \times 650mm \times 2680mm
6. Programmable controller: FX2N-64MR
7. Frequency converter: FR-D720S-0.4KW
8. Control way: Switch quantity / digital quantity dual control and VVVF technology
9. Number of floors: 6 \times 3
10. Traction machine power: 90W/380V

Experimental Projects

1. Knowledge of elevator electrical components
2. Elevator disk layout
3. Elevator installation
4. Electrical schematic design
5. Electrical wiring
6. Floor selection inside the car
7. Floor selection outside the car
8. Elevator acceleration and deceleration speed control experiments
9. Elevator leveling control experiment
10. Door opening and closing control inside the car
11. Car maintenance experiment
12. Terminal limit protection device experiments
13. Signal indicating system experiment

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14. Car lighting control experiment
 15. BCD code experiment
 16. Encoder installation training
 17. Connecting the encoder with the frequency converter
 18. Elevator control system experiment
 19. Elevator control programming experiment
 20. Elevator program running and debugging experiments
 21. Elevator closed-loop control experiment
 22. Floor display experiment
 23. Independent running experiment
 24. Main floor docking experiment
 25. Peak control experiment
 26. Motor brake adjustment training

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