Product name:	Product code:
Three Sets Group Control Elevator Trainer	CIVIL-STE-143-0001

Description

Three Sets Group Control Elevator Trainer

Technical specification

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
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

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±10%, 50Hz
2. Rated power: ?1KW
3. Environment temperature: -10?~40?
4. Relative humidity: ?85%
5. Dimensions: (L×W×H): 900mm×650mm×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: 6×3
10. Traction machine power: 90W/380V

Experimental Projects

1. Knowledge of elevator electrical components