

MASTER

Elevator Products and Accessories



Preface

Thank you for choosing MASTER series elevator products

Notice

- In order to illustrate the details of the product, the illustrations in the manual sometimes show the state of removing the cover or safety cover.
- When using this product, please be sure to install the casing or cover as required, and operate according to the contents of the manual.
- Illustrations in this manual are for illustration only and may differ from the product you ordered.
- Due to product upgrades or specification changes, and for the convenience and accuracy of the manual, the contents of this manual will be changed in time.
- When you need to order manuals due to damage or loss, please contact the company's regional agents, or directly contact the company's customer service center.
- If you still have some unexplained problems during use, please contact our customer service center.

CATALOG

Preface	1
1. MASTER Elevator Integrated Controller	1
2. MT3000- Mate MR with Synchronous Machine	2
3.MT3000-MRL MRL with Synchronous Machine	3
4.MT7000-MATE MR with Asynchronous Machine	4
5.MT3000- Mini Home Lift	5
6.MT3000-Max High Speed Elevator	6
7. MT3000- FB Control Cabinet (Energy Feedback)	6
8. MASTER 100 Mainboard (with Synchronous Machine)	7
9.MASTER 100-H Mainboard (with Asynchronous Machine)	8
10. MASTER IFB Control Cabinet Interface Board	9
11.MASTER CTI CTB	10
12. MASTER-SCB-D Pre-opening Board	11
13.RS32-C (Control Box Command Board)	12
14.MASTER-MDKE (Operator)	13
15.APEX (Car Top Inspection Device)	14
16. SQB2-A (IC Card)	15
17. MASTER-IOT (IoT)	16
18. ARD (Automatic Rescuer Device)	17
Appendix version change record	18

1. MASTER Elevator Integrated Controller



Features

- ★ Dual 32-bit processing chips
- ★ Synchronous and asynchronous
- ★ Self-learning of current loop parameters, comfort without debugging, easy to use
- ★ Automatic generation of N curves, automatic identification of ultra-short layers
- ★ Synchronous machine without angle self-learning
- ★ Support mobile phone debugging, no weighing start
- ★ General Segment Operator
- ★ SIN/COS code
- ★ ABZ incremental encoder
- ★ Group control without additional group control board
- ★ Speed $\leq 4\text{m/s}$

For details, please refer to: "MASTER Series Elevator Integrated Control Cabinet User Manual"

2. MT3000- Mate MR with Synchronous Machine



Features

- ★ Simple and beautiful
- ★ Cabinet interface board design
- ★ CTB CAN communication
- ★ Both machine room and car roof can be debugged
- ★ Traveling cable 18 cores
- ★ Meet new standards
- ★ UCMP certification
- ★ Mobile debugging
- ★ open protocol
- ★ 7.5kW-55kW
- ★ RSL Human-Machine Communication

For details, please refer to: "MASTER Series Elevator Integrated Control Cabinet User Manual"

3.MT3000-MRL MRL with Synchronous Machine



Features

- ★ Simple and beautiful
- ★ Cabinet interface board design

4.MT7000-MATE MR with Asynchronous Machine



Features

- ★ Simple and beautiful
- ★ Cabinet interface board design
- ★ CTB CAN communication
- ★ Both machine room and car roof can be debugged
- ★ Traveling cable 18 cores
- ★ Meet new standards
- ★ UCMP certification
- ★ Mobile debugging
- ★ open protocol
- ★ 7.5kW-55kW
- ★ RSL Human-Machine Communication

For details, please refer to: "MASTER Series Elevator Integrated Control Cabinet User Manual"

5.MT3000- Mini Home Lift



Features

- ★ STO contactless mute solution
- ★ Built-in braking resistor
- ★ 60mm ultra thin
- ★ Standard automatic rescue
- ★ Standard electronic star sealing
- ★ Support ELGO and FEMON absolute position system
- ★ Modular design for easy maintenance

For details, please refer to: "MASTER Series Elevator Integrated Control Cabinet User Manual"

6.MT3000-Max High Speed Elevator



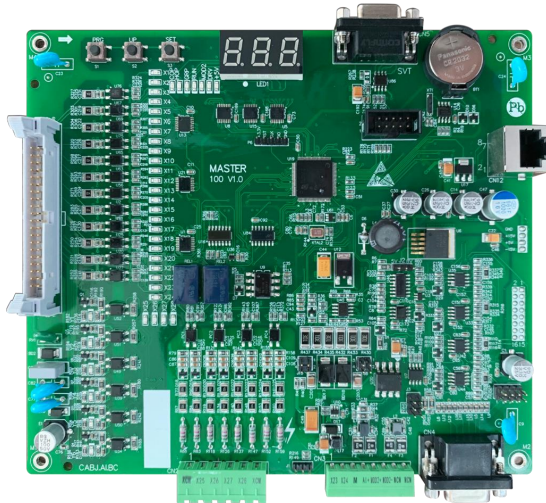
Planning products, the actual effect is subject to the final release

7. MT3000- FB Control Cabinet (Energy Feedback)



Planning products, the actual effect is subject to the final release

8. MASTER 100 Mainboard (with Synchronous Machine)



Hardware configuration: 24-way digital input, 6-point relay output, strong current detection terminal, analog differential input, 485 differential signal, RS232, dedicated to synchronous machine.

For details, please refer to: "MASTER Series Elevator Integrated Control Cabinet User Manual"

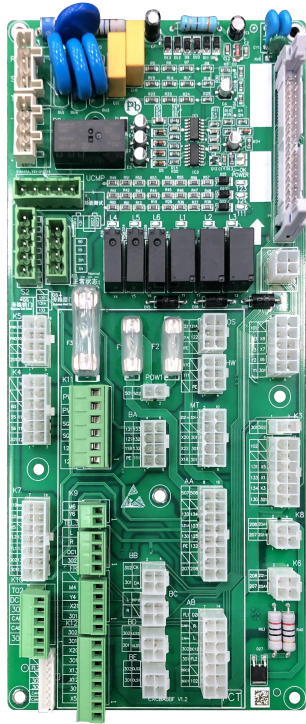
9.MASTER 100-H Mainboard (with Asynchronous Machine)



Hardware configuration: 24-way digital input, 6-point relay output, strong current detection terminal, analog differential input, 485 differential signal, RS232, dedicated to asynchronous machines.

For details, please refer to: "MASTER Series Elevator Integrated Control Cabinet User Manual"

10. MASTER IFB Control Cabinet Interface Board

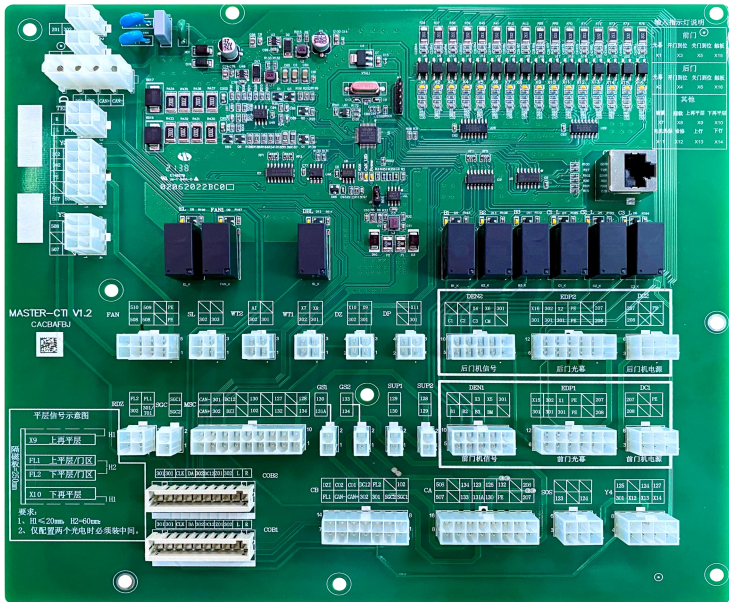


Features

MASTER series elevator integrated control cabinet provides customers with solidified interface, which is convenient for users to wire.

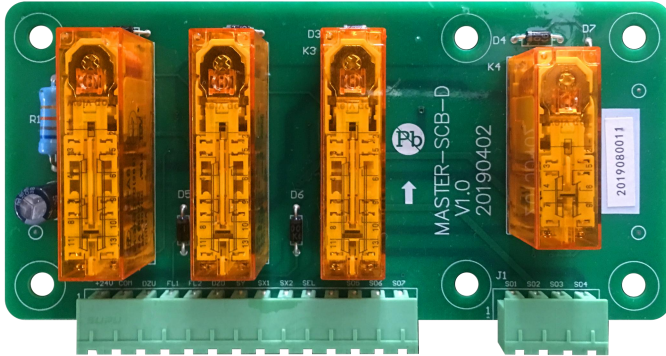
For details, please refer to: "MASTER Series Elevator Integrated Control Cabinet User Manual"

11.MASTER CTI CTB



Hardware configuration: 16 digital inputs, 9 relay outputs, 1 analog input, 1 CAN communication.

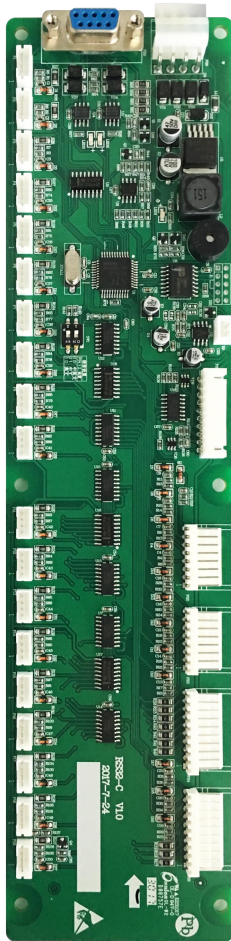
12. MASTER-SCB-D Pre-opening Board



Achievable functions:

pre-opening, door lock short detection, re-leveling, UCMP.

13.RS32-C (Control Box Command Board)



Features:

RS32 can receive the clock signal and data signal on the RSL bus to realize floor data output; it can extract 32 RSL output signals for external indication; it can extract 32 external input signals and generate RSL signals for the system enter.

14.MASTER-MDKE (Operator)



Features

- ★ Compatible with market universal operators
- ★ Small and portable
- ★ With magnetic function

15.APEX (Car Top Inspection Device)



Features

- ★ Highly integrated design
- ★ Comply with GB7588
- ★ Unified molds for the whole product line
- ★ Economical, Beautiful, Durable

16. SQB2-A (IC Card)



Features

- ★ Communication IC card

17. MASTER-IOT (IoT)



MASTER-IOT can collect data such as operating status and faults of local devices, and can transmit device data through wireless networks. Users can access the IoT platform through the client to perform status detection and fault analysis on local devices.

18. ARD (Automatic Rescuer Device)



Features

- ★ Meet new national standard requirements
- ★ Sample import 32-bit CPU
- ★ Support CAN and IO
- ★ Advanced high-frequency inverter technology improves conversion efficiency
- ★ Automatically detect capacitance
- ★ Easy battery removal
- ★ complete protection

Appendix version change record

Date	Changed Version	Changed Content
20220622		Internal official website data use