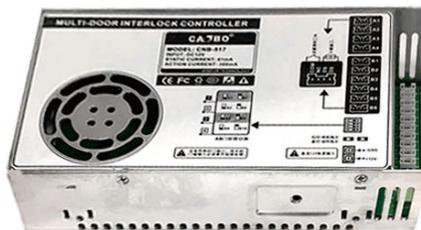


Operation Instructions

Make your choice...

M-517 Multi-Door Interlock Controller



1 Safety Instructions

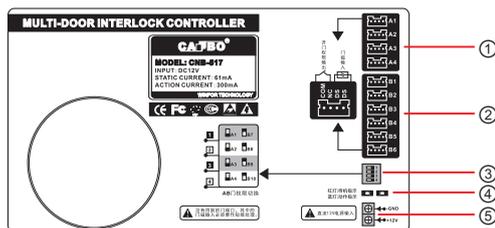


Thank you for purchasing this product. To ensure proper use, please read this user manual carefully before operation.

2 Product Features

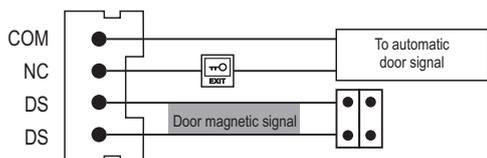
- Multi-Door Interlock Controller, supports interlocking for up to 10 doors.
- Interlock function allows permission settings for Group A and Group B doors.
 - (1) When any Group A door is open, other Group A doors are not restricted and can be opened normally. Group B doors are not allowed to open.
 - (2) When any Group B door is open, neither Group A nor Group B doors are allowed to open.
- Set Group A/B door permissions by DIP switches. When the Group A doors is less than Group B doors, DIP switches can be used to reconfigure Group A doors as Group B doors.

3 Product Overview



- ① Group A Door Terminal
- ② Group B Door Terminal
- ③ Function Setting DIP Switches
- ④ LED Indicator: Red for Standby, Blue for Operating
- ⑤ Power Input Terminal

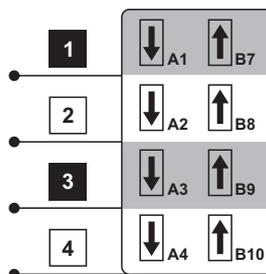
4 Controller Wiring



Interlock Operation: In standby state, the door open permission output relay is connected to the two door opening signal wires of the automatic door. All doors can be opened normally. When a door is opened, the door magnetic sensor detects the open state, causing the door permission relay to open and disconnect one of the two open-signal wires, preventing normal door opening. This state persists until the door is closed. Once closed, the door permission relay reconnects, returning to the normal standby state, allowing any door to be opened again.

Note: For unused door sensor ports, the door sensor input terminals must be short-circuited.

5 A/B Door Permission Switching Setup



6 Technical Parameters

Power supply: DC 12V

Static current: 61mA

Operating current: 85mA

Permission doors: Group A permission is 4, Group B permission is 6.

Dimension: 215(L)x114(W)x49(H)mm