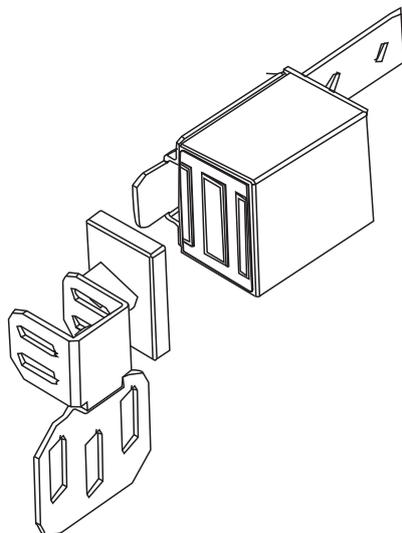


Operation instruction sheet

M-255G Magnetic Lock for automatic door

Make your choice



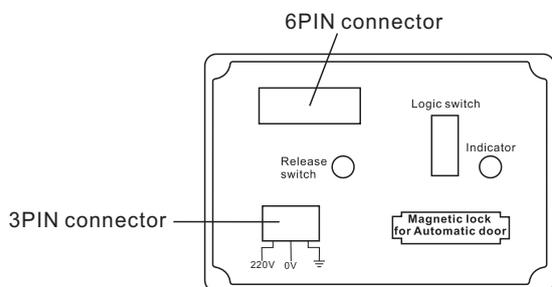
1 Safety instructions

Thank you very much for purchasing this product. In order to use this product correctly, please read this operation manual sheet carefully before usage.

2 Overall Characteristics

- The design of this magnetic lock is simple and easy to install.
- The unique demagnetization circuit design is adopted in the circuit part to ensure the elimination of residual magnetic phenomena
- The mounting position of the body can be adjusted, which can be installed on the automatic door flexibly.
- The solid parts of the adsorption plate can be adjusted up and down, and can also be adjusted back and forth, which is convenient for adjustment and installation and is consistent with the body.
- The power supply mode is AC220V.
- The magnetic lock body has built-in door button switch and status indicator light to facilitate the maintenance of the automatic door.
- Maximum tension 80 kg (175LBS)
- Low power consumption, stable and reliable.

3 Introduction of magnetic lock panel



- 3PIN connector: connect 220V AC power supply.
- 6PIN connector: connect the lock signal and lock status signal of automatic door controller.
- Release Switch: An open button that is easy for maintenance testing.
- Logic Switch: It is used to set the Logic between two opening contacts of automatic door (unlocking when disconnected or unlocking when closed: 1 - unlocking when disconnected, ON- unlocking when closed).
- Indicator light (red):
 - (1) Indicator flashes during normal standby status
 - (2) the indicator light is always on when the lock is unlocked

4 Wiring instructions of magnetic lock

- Yellow — External connect with automatic door controller of unlock button signal 1
- Orange — External connect with automatic door
- Retain —
- Retain —
- Blue — normally closed trigger point
- Black — normally closed trigger point

6Pin Cable:

- ◆ Yellow: External connect with automatic door controller of unlock button signal 1
- ◆ Orange: External connect with automatic door controller of unlock button signal 2
- ◆ N/A: Retain
- ◆ N/A: Retain
- ◆ Blue: normally closed trigger point
- ◆ Black: normally closed trigger point

Note: the normally closed contact is the signal of the lock state. When the lock is opened or closed, its state changes accordingly

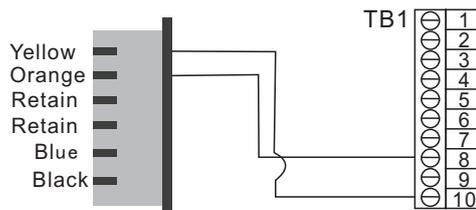
- Black: — 220V AC connection
- White: — Connect with AC 0V
- Green: — Connect with ground.

3PIN Cable:

- ◆ Black: 220V AC connection
- ◆ White: Connect with AC 0V
- ◆ Green: Connect with ground.

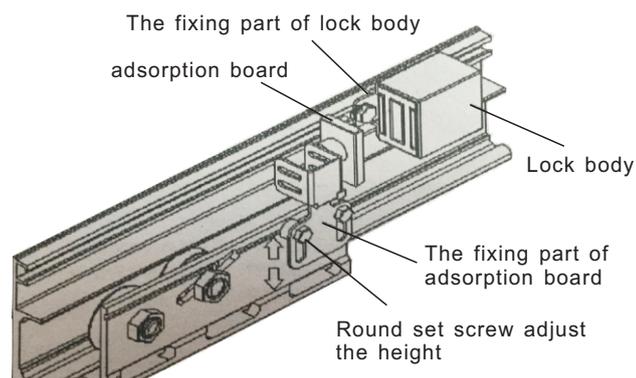
Note: power input can only be AC 220V

5 Instructions of magnetic lock contact wiring



Note: The orange and yellow wires in the 6PIN row are individually connected with terminal 8 and terminal 10 of the controller TB1, as shown in the figure.

6 Parts description and installation method

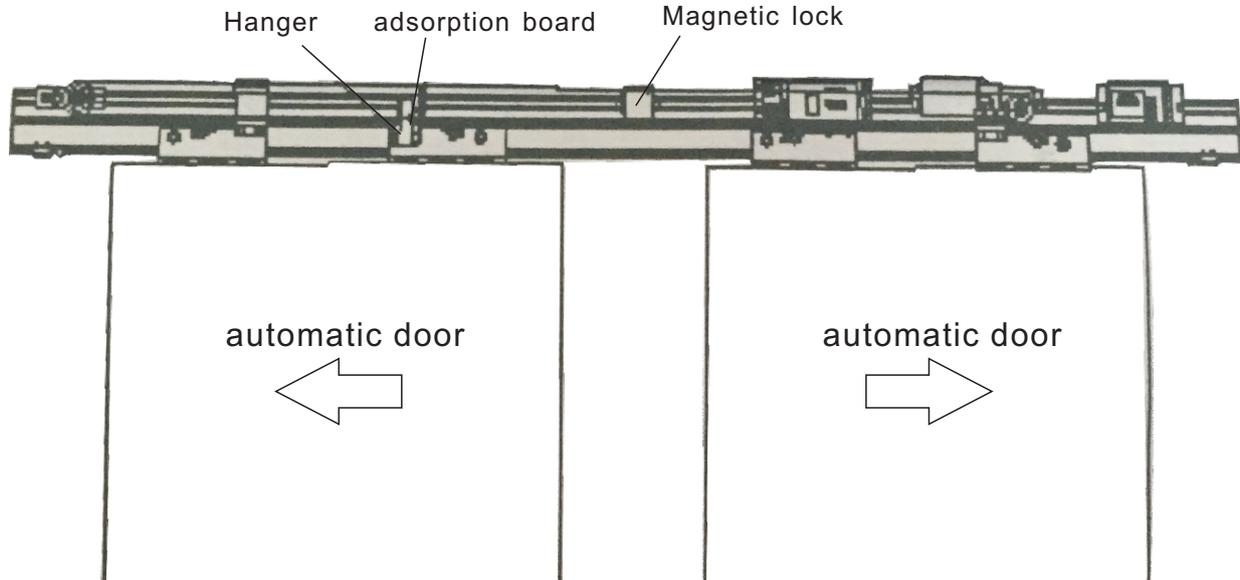


A、Parts specifications

1. The fixing part is used to fix the lock body and adsorption.
2. Two round set screws are used to fix the adsorption board. The adsorption board can adjust the height of the adsorption board to maintain a proper height with the lock body

B、Installation instructions

1. First place the square nut of the lock body's fixation part on the back plate (together with the square nut of the upper controller).
2. Put the lock body into the back plate and fix it with screws.
3. Put the adsorption board on the hanger of sliding door and adjust to the height consistent with the lock body.



7 Warnings:

1. Determine the power supply voltage and polarity before installing the magnetic lock, so as not to mistakenly connect and burnout the electromagnetic lock.
2. Before power transmission, please make sure whether the adsorption board will get stuck with other equipment or frame when moving around the automatic door
3. If you are not an engineer of our company, please do not open the shell for maintenance or change the electrical characteristics.

8 Overall appearance and size of the lock

Lock body: (L) 71 X (W) 65 X (T) 45 mm

Suction piece: (L) 60 X (W) 32 X (T) 10 mm

Locking bracket: (L) 147 X (W) 65 X (T) 3 mm

Suction bracket: (L) 116 X (W) 68 X (T) 38 mm