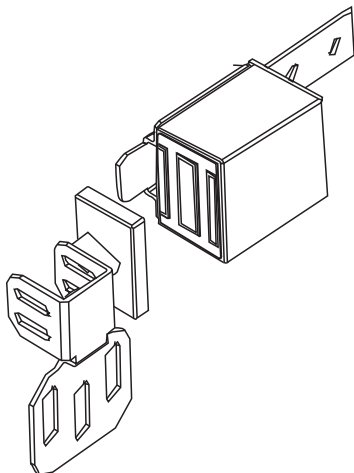


# Operating Instructions

## M-255S Magnetic Lock for automatic door

Make your choice .....



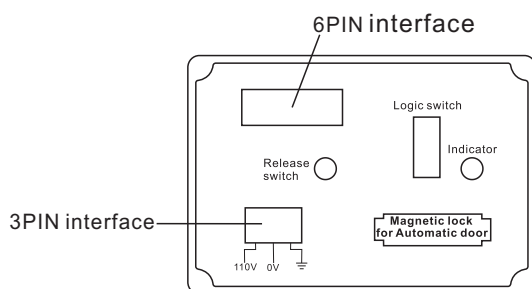
### 1 Safety instructions

**!** Thank you for choosing us. Please read this instruction before your installation

### 2 Character

- Concise design and easy to install
- Demagnetizing circuit keeps no magnet effect
- Install position can be adjusted freely on the automatic door
- Stationary frame can be adjusted freely to meet the lock position
- Power supply: AC 110VAC
- Build in Status indicator
- Maximum tension: 80kg/175LBS
- Stable and low power consumption

### 3 Panel introduction



- 3PIN interface: connect with 110V power supply.
- 6PIN interface: Automatic door open signal and status signal
- Release Switch: Door opening button for easy maintenance of personnel testing.
- Logic Switch: Used for setting the logic between the two open contacts of the automatic door (open when disconnected or closed: 1 is unlock when disconnected, and ON is unlock when closed)
- Indicator (status light--red) : (1) The status light flashes during normal standby mode  
(2) The indicator light is always on when unlock.

### 4 Wiring instructions

- |        |   |
|--------|---|
| Yellow | External automatic door controller unlock button signal 1 |
| Orange | External automatic door controller unlock button signal 2 |
| Retain |   |
| Retain |   |
| Blue   | Normally closed trigger point                             |
| Black  | Normally closed trigger point                             |

#### 6PIN Interface:

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

Notice: The normally closed contact is the signal of the lock state, and the state changes when lock or unlock.

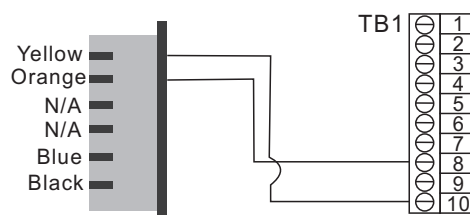
- |       |                    |
|-------|--------------------|
| Black | Connect to AC 110V |
| White | Connect to AC 0V   |
| Green | GND                |

#### 3PIN Interface:

- ◆ Black: Connect to AC 110V
- ◆ White: Connect to AC 0V
- ◆ Green: GND

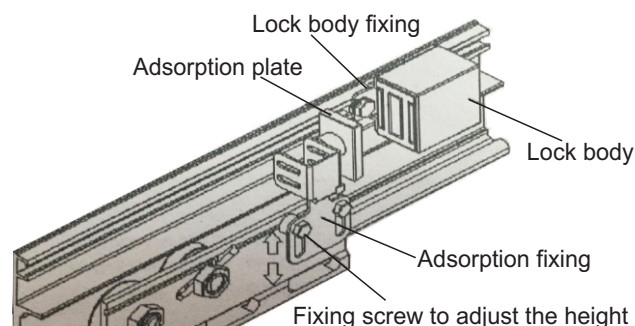
Notice: The power supply can only be AC 110V.

### 5 Wiring instructions



Notice: Orange and yellow wire connected with pin 8 and pin 10 of controller TB1 respectively.

### 6 Accessories description and installation



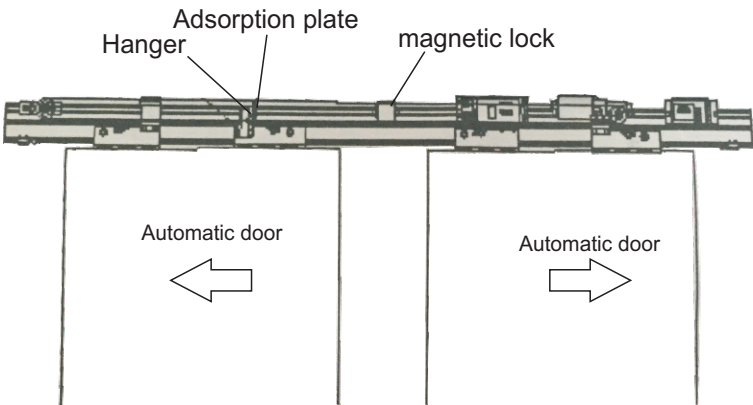
#### A. Accessories description

1. Lock body and Adsorption plate are fixed by fixing part
2. The two screws are used to fix the Adsorption plate. And the Adsorption plate height can be adjusted to match the lock body

#### B. Installation description

1. Together with controller square nut, put the up lock body fixing square nut on the back plate.

- 2、 Fix the lock body with screw after you put the lock body in to the back plate
- 3、 Install the adsorption plate on the sliding door Hanger and adjust it to the same height with the lock body.



**7 Remark:**

- 1、 Please confirm the Voltage and positive/negative poles of the power supply to avoid burning the lock parts
- 2、 Confirm the adsorption plate is not stuck by other equipment or frame when the automatic door move left and right
- 3、 It is not allowed to open the lock and repair it or change the electric character.

**8 Dimension:**

- Lock body:71\*65\*45mm
- Adsorption plate:60\*32\*10mm
- Lock body bracket: 147\*65\*3mm
- Adsorption plate frame:107\*35\*38mm