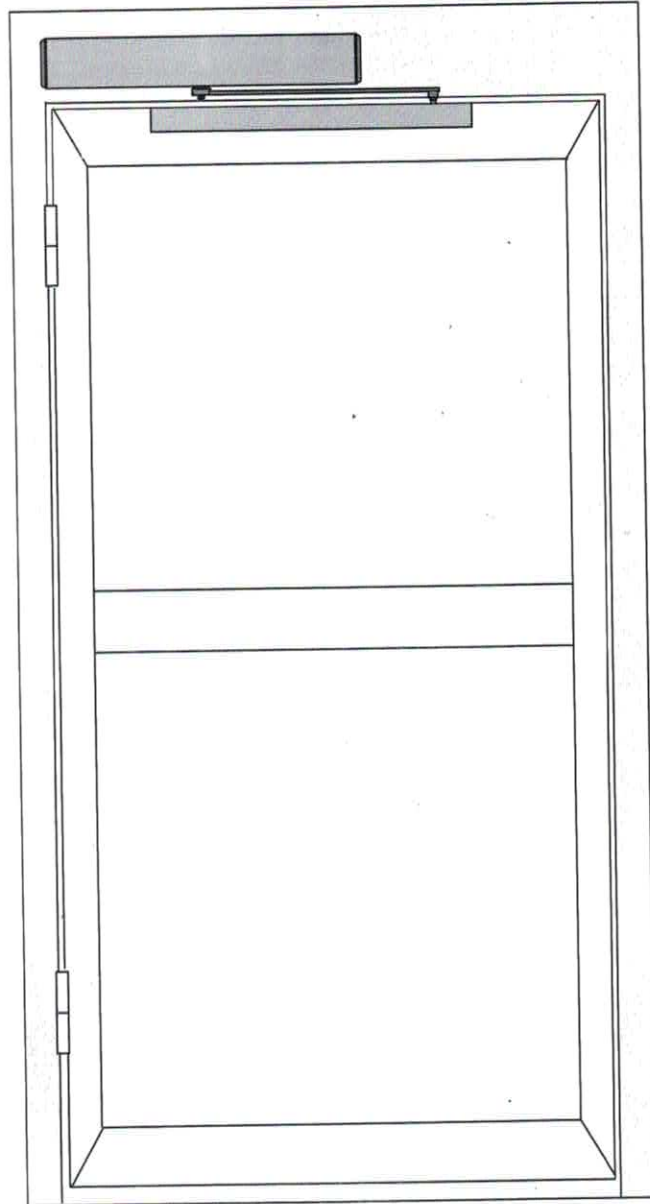


INSTALLATION MANUAL

DSW-100



AUTOMATIC ENTRANCE SPECIALISTS

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1 Technical Parameters

Voltage: 220V±10%

Power consumption: 50W

Opening time: 3~7s/90°

Hold open time: 1~30s adjustable

Max. door frame depth: 450mm

Door width: Min. 660mm / Max. 1200mm

Max. opening angle: 120°

Environment Temperature: -20℃ ~ +50℃

Protection class: IP12D

Item weight: 6.5Kg

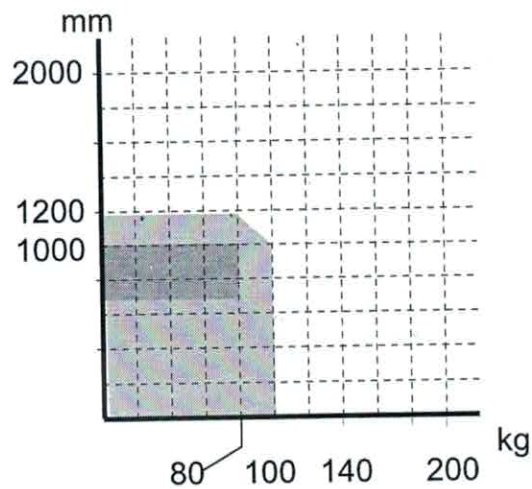
Dimension: L520xW82xH95mm

mm=Door width

kg=Door weight

 Suitable range

 Range limit



2 Components

hole for power wire

hole for sensor

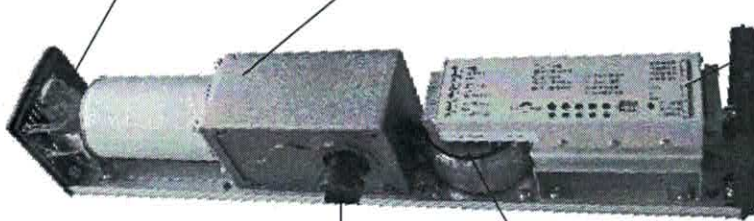


bottom plate

power connector

motor

microcomputer controller



operator

output axis

transformer



cover



pull arm(alternative)

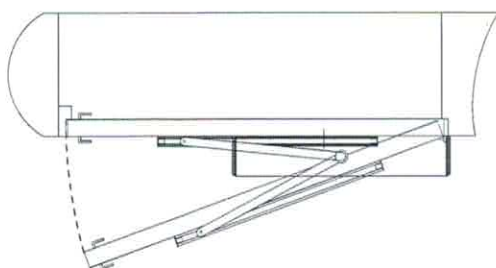
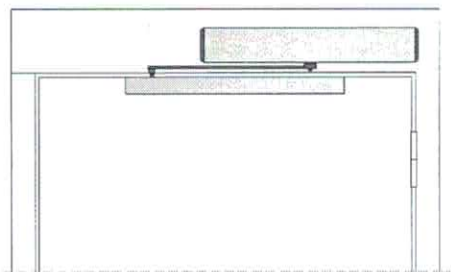


push arm(alternative)

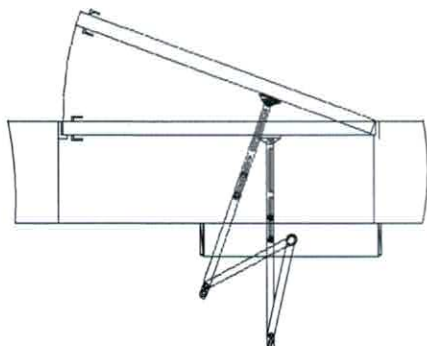
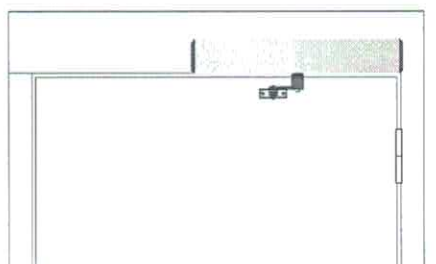
3 Installation

3.1 Installation example

Choose pull arm: door leaf open toward inside (operator is inside)

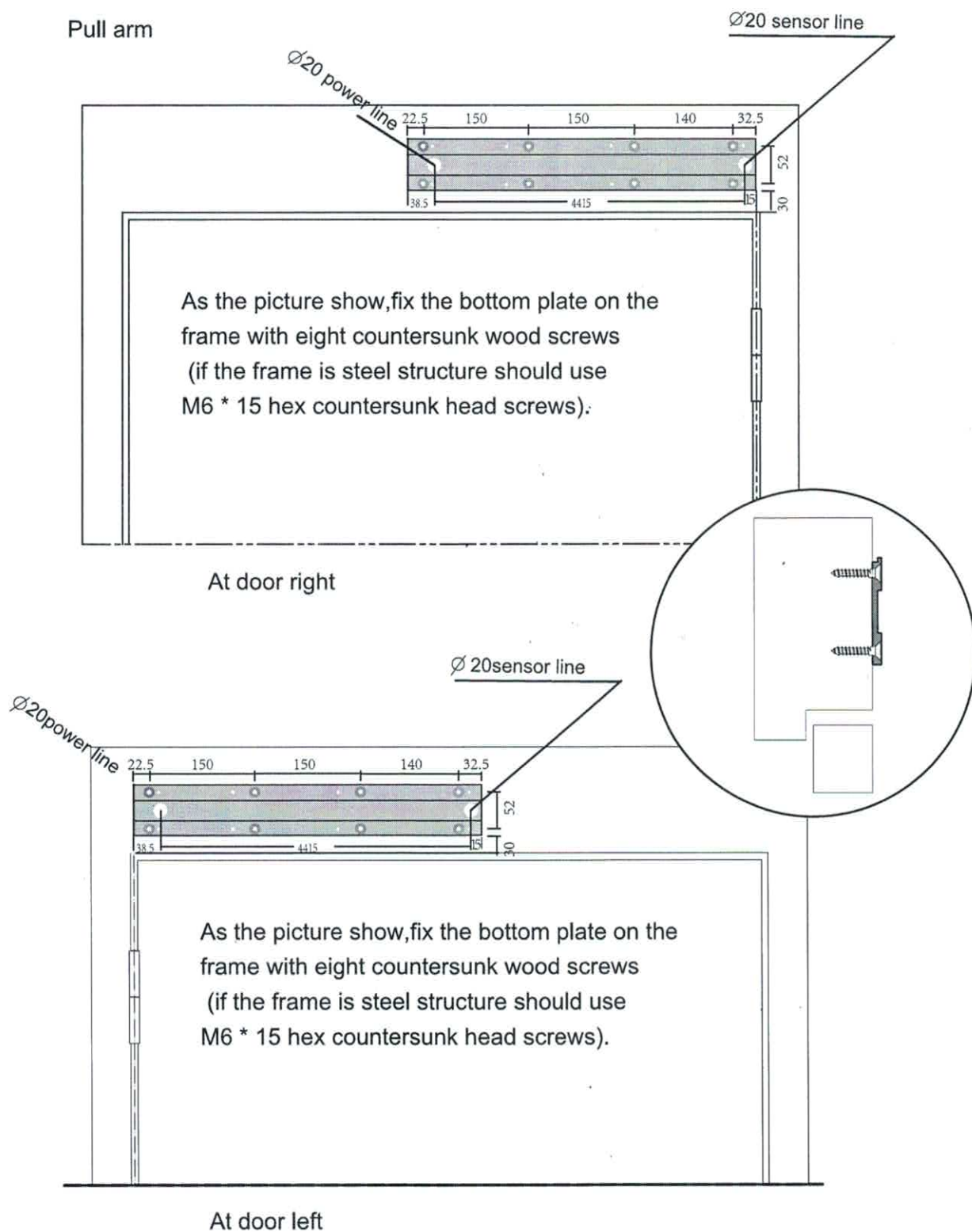


Choose push arm: door leaf open toward outside (operator is inside)



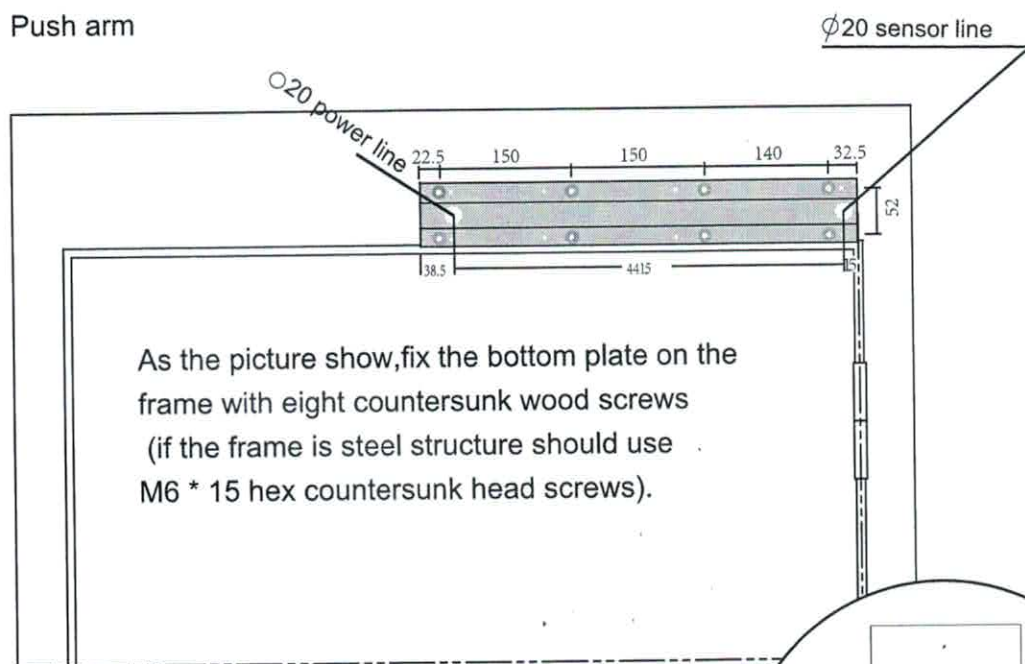
3 Installation

3.2 Installation of bottom plate

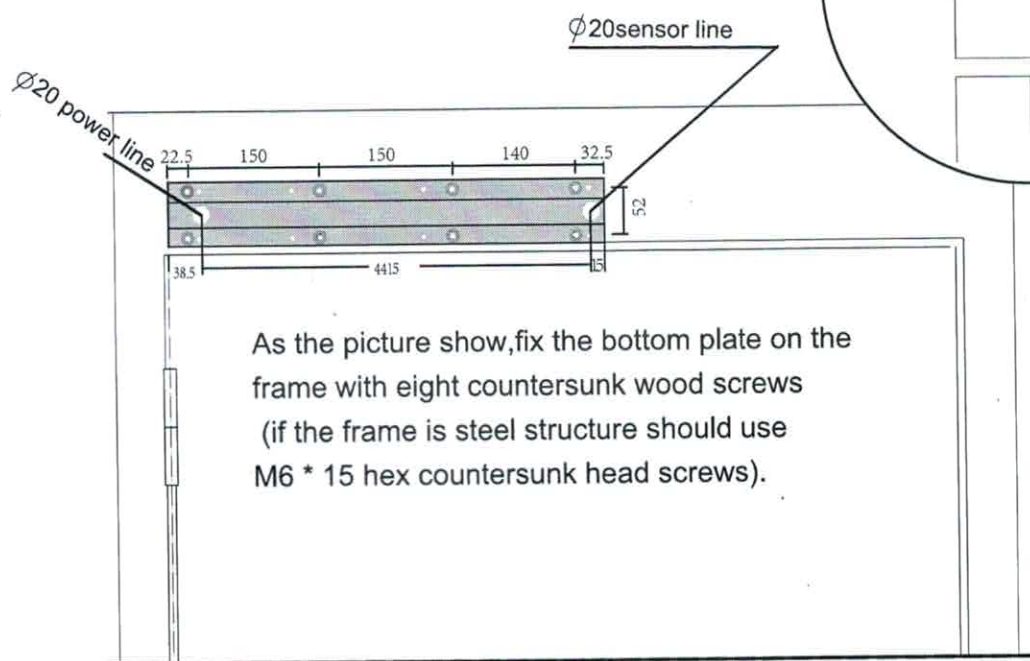


3 Installation

3.2 Installation of bottom plate



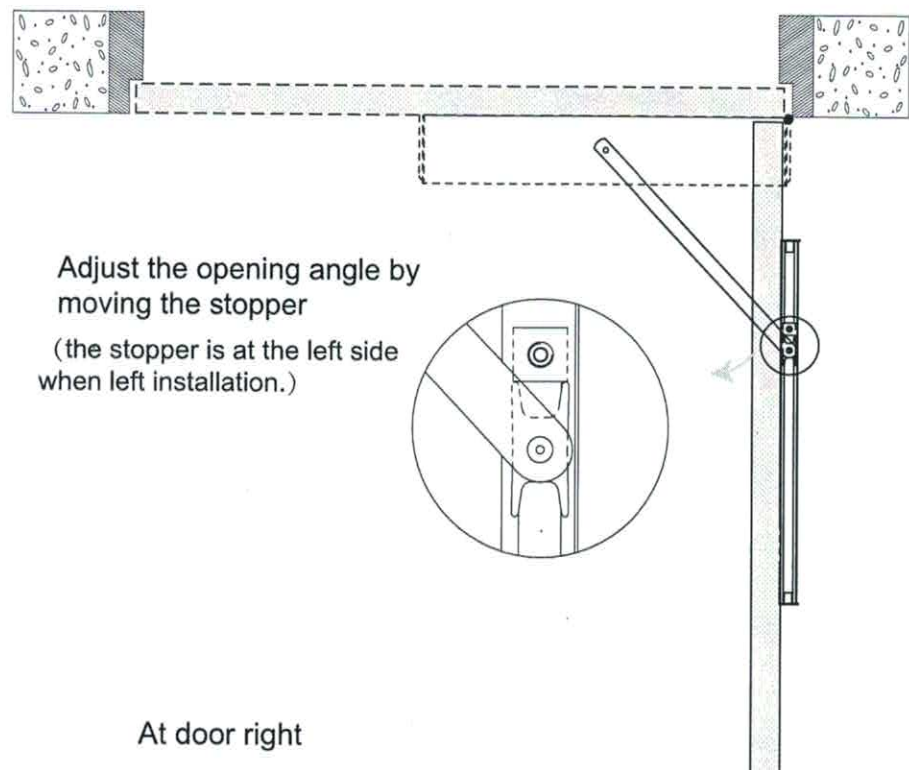
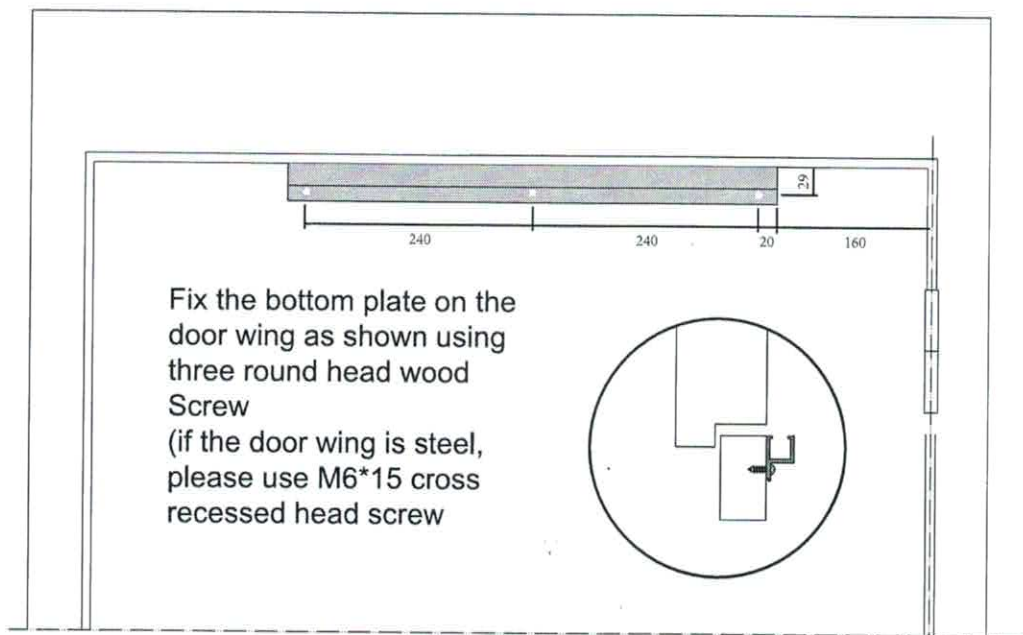
At door right



At door left

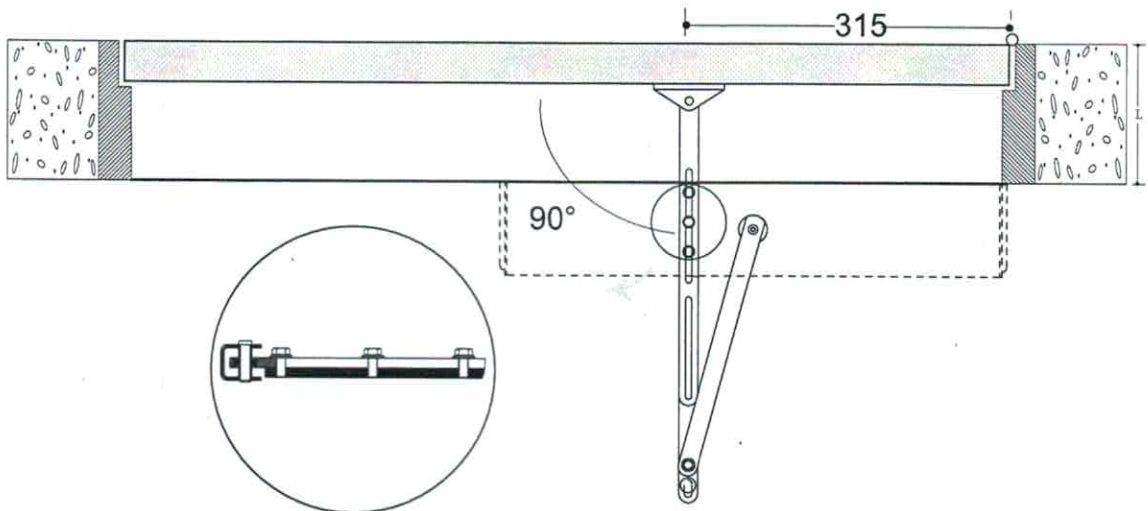
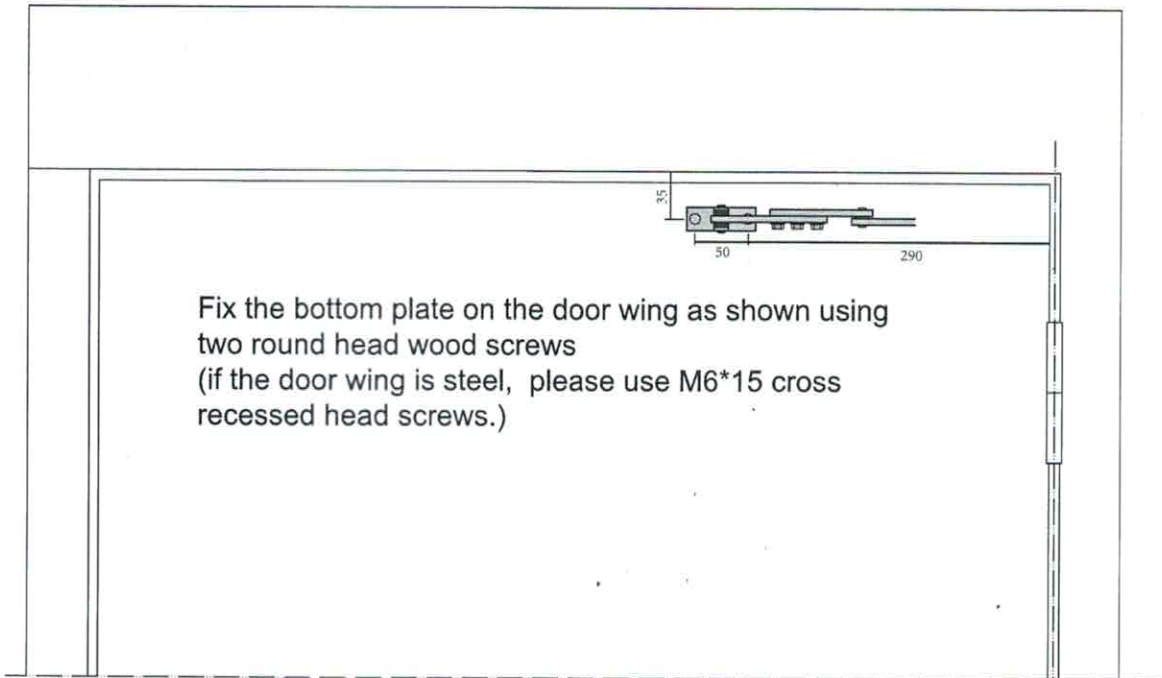
3 Installation

3.3 Pull arm



3 Installation

3.4 Push arm

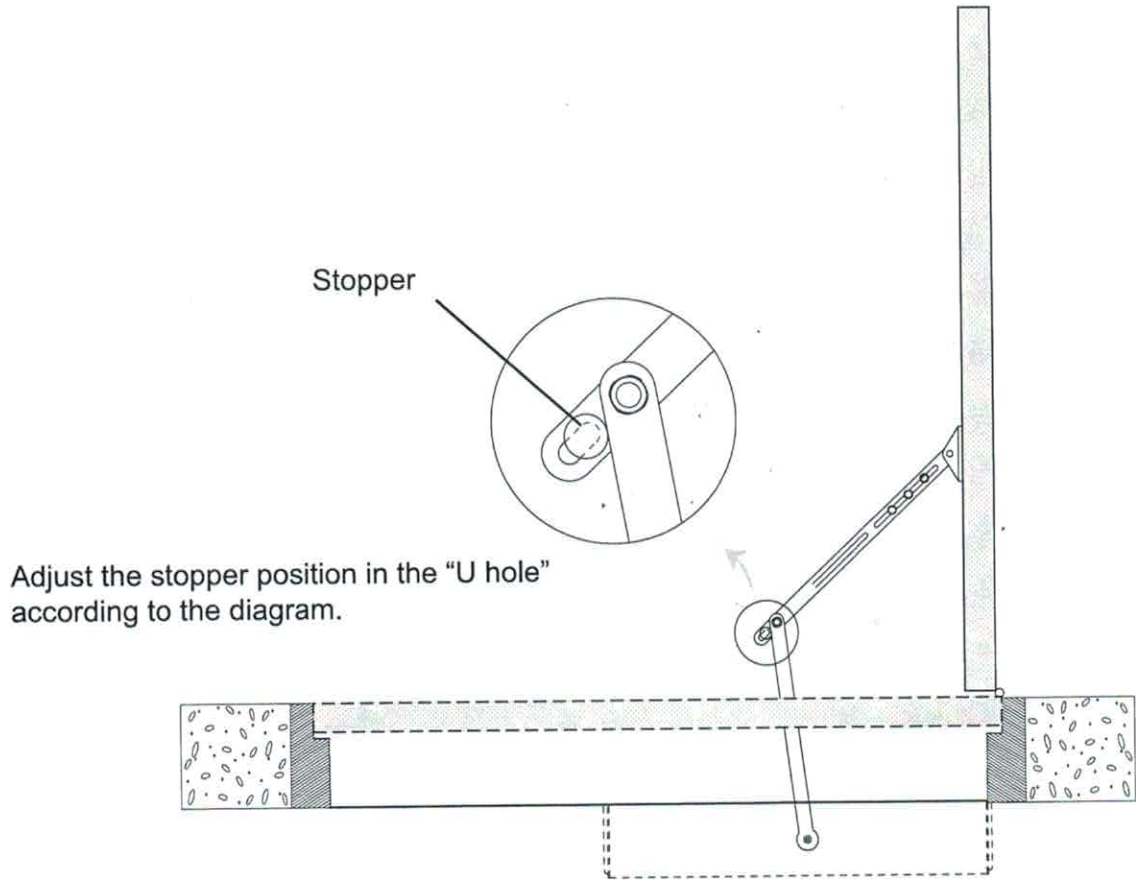


Loosen this three bolts and adjust the push arm length according to the door depth(L) until the angle between the push arm and door panel is 90°.

At door right

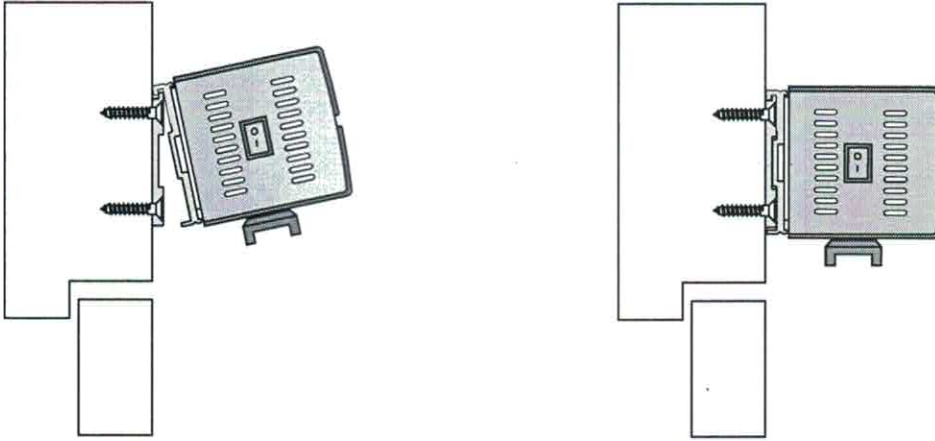
3 Installation

3.4 Push arm



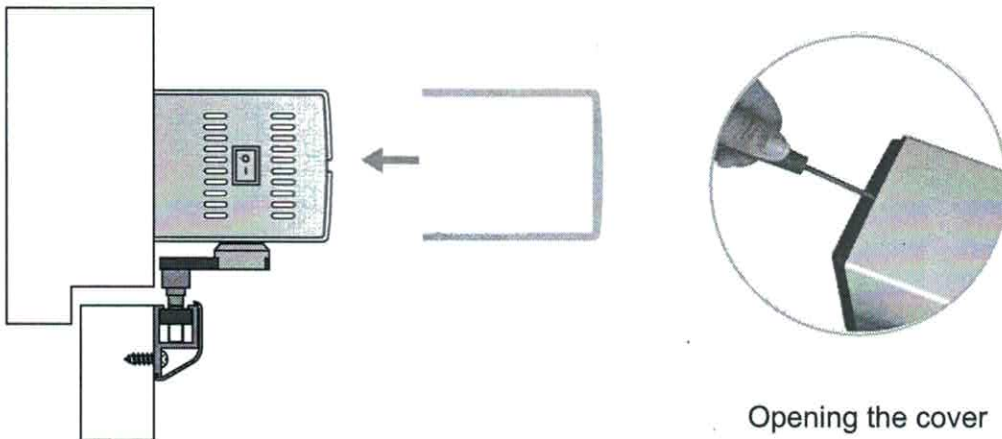
3 Installation

3.5 operation system



Hook the operation system on the finished bottom plate as shown, fix it with eight hexagon socket head screws.

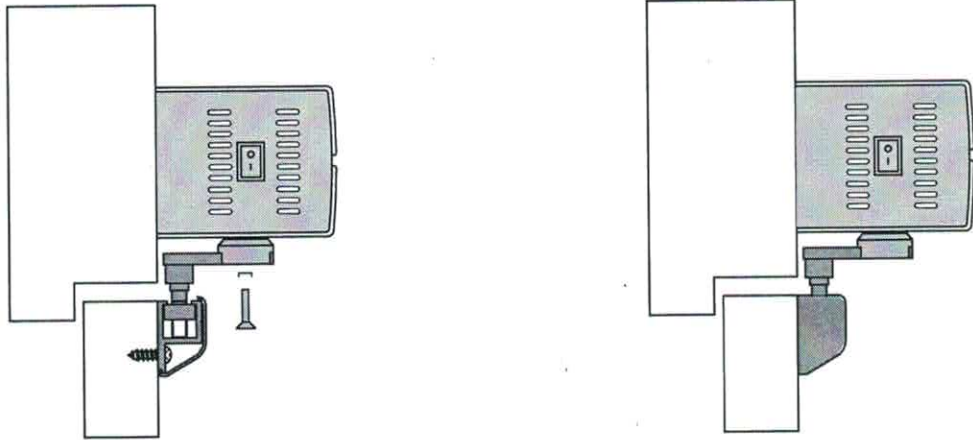
3.6 Cover



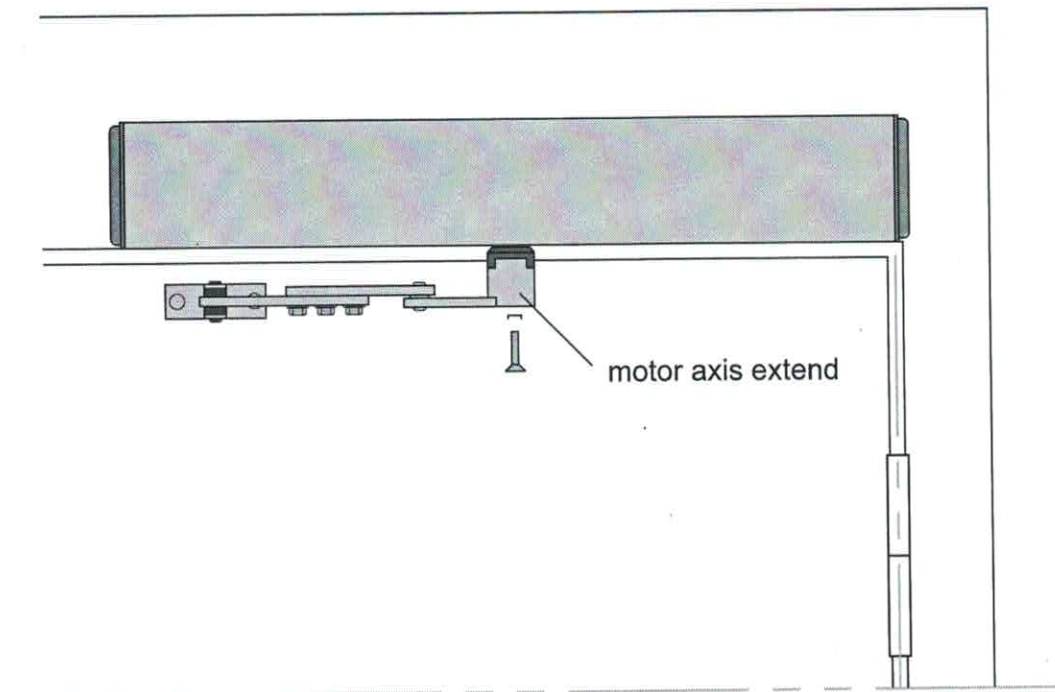
Opening the cover

3 Installation

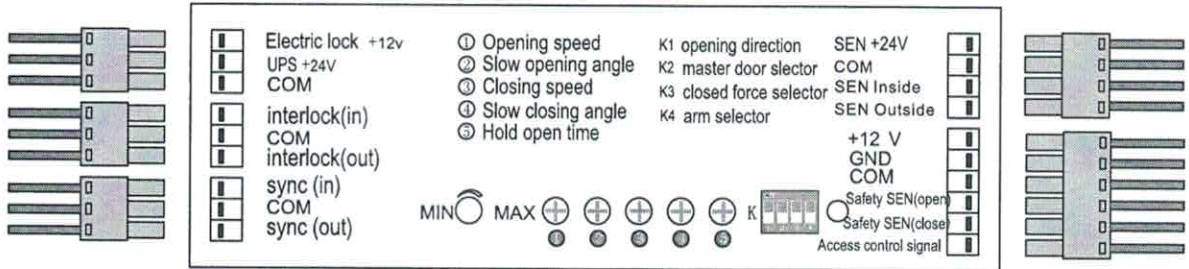
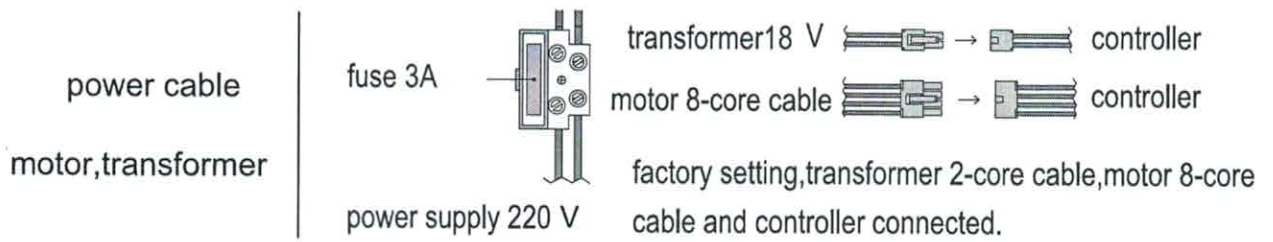
3.7 Connect the motor and the pull arm



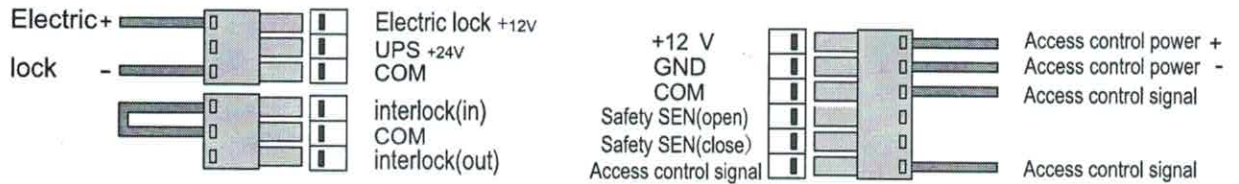
3.8 Connect the motor and the push arm



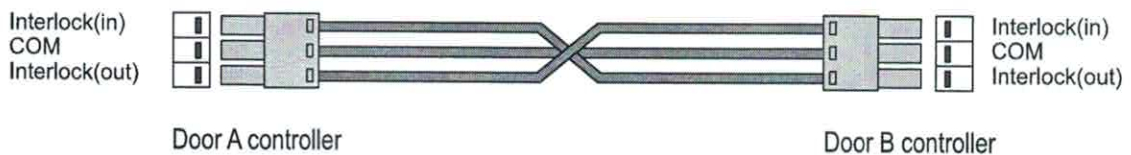
4 Electrical connection



Access control+Electric lock

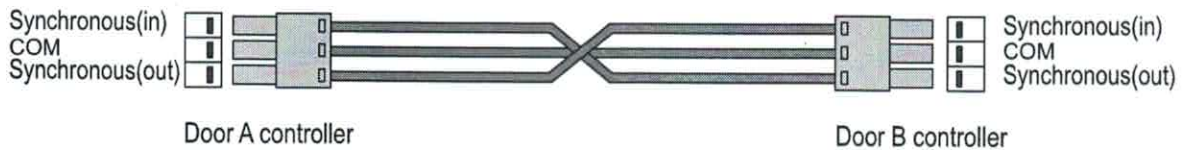


Interlock



Note: Two doors share one sensor or same signal source, two doors will keep opening. Exchange two signal wires of the sensor which connected to the same controller, the operation will be normal.

Double-door synchronous

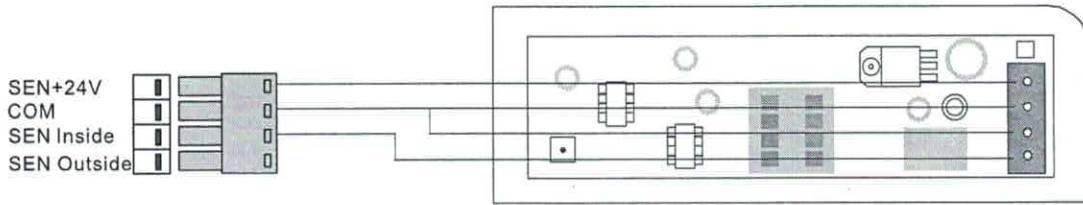


*When double opening, open first & close second is the master door, close first & open second is slave door; Master door turn K2 down, slave door turn K2 up.

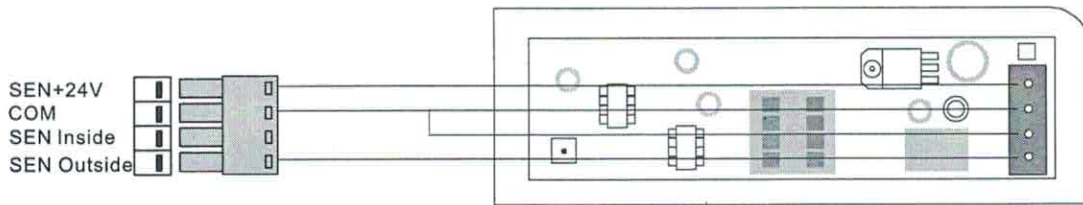
*Sensors and access control system are connected to master door controller.

4 Electrical connection

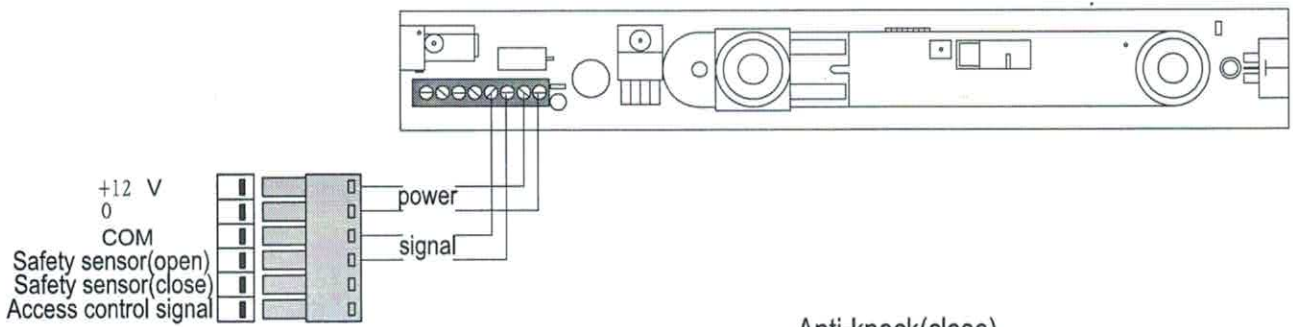
Sensor Inside



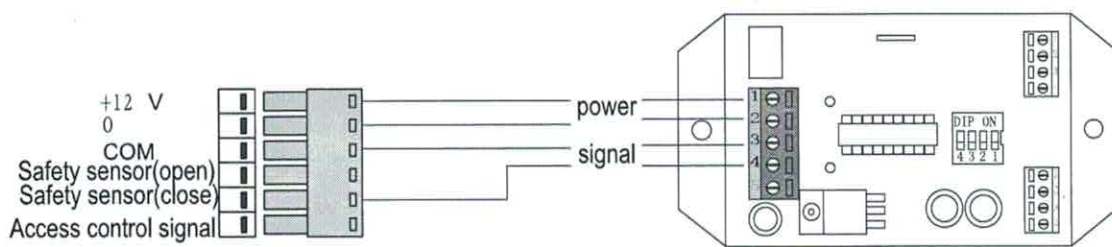
Sensor Outside



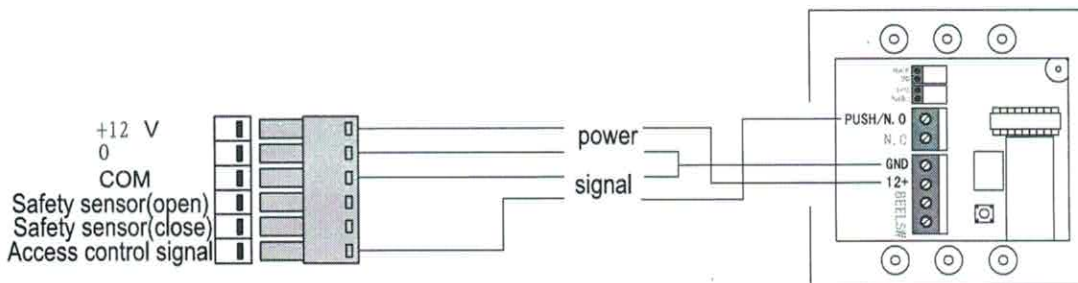
Safety sensor(open)



Anti-knock(close)



Code card reader



4 Parameters adjustment

- | | |
|-----------------------|---------------------------------------|
| 1. Opening speed | turn it clockwise to increase speed |
| 2. Slow opening angle | turn it clockwise the angle is bigger |
| 3. Closing speed | turn it clockwise to increase speed |
| 4. Slow closing angle | turn it clockwise the angle is bigger |
| 5. Hold open time | turn it clockwise the time is longer |

1/4:7S 1/2:14S 3/4:21S

set the K switch(K1-K4):after setting,power off,restart.

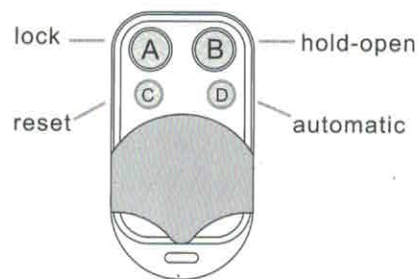
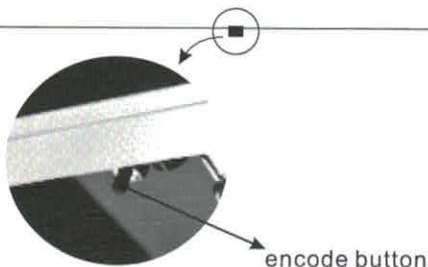
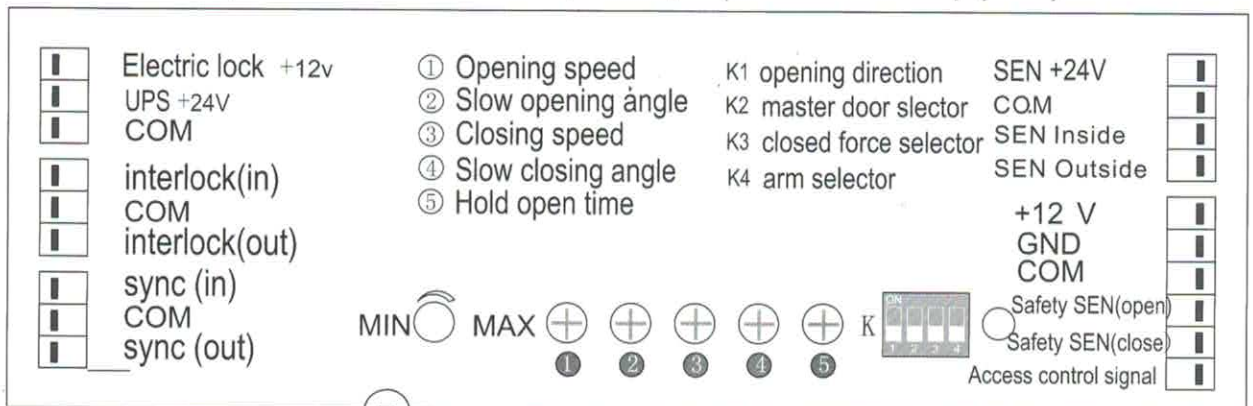
K1:power on,the door goes to closing direction is correct,if no, change the switch position.

K2:Synchronous

master door:turn down,slave door:turn up(ON)

K3:Manual pull/push:turn down,closed force:turn up(ON)

K4:With pull arm:turn down,With push arm:turn up(ON)



- 1.Delete all:long press the button"Encode"until the sound of buzzer disappears,loosen the button.
- 2.Encoding: press the button"Encode",the buzzer sounds.Then press any button of the remote control,the buzzer stops sounding which means encoding successfully.
When use the remote control,the buzzer sounds for 2 seconds.
- 3.Note:when use the remote control. if the buzzer "deep"twice,it means encoding failed.so please repeat above step 2.
- 4.Press button "automatic" one time,the door will open and close one time.
One controller can be connected with remote control not more than 10pcs.



The Product Has Passed ISO 9001:2015 Quality Management System Certification.