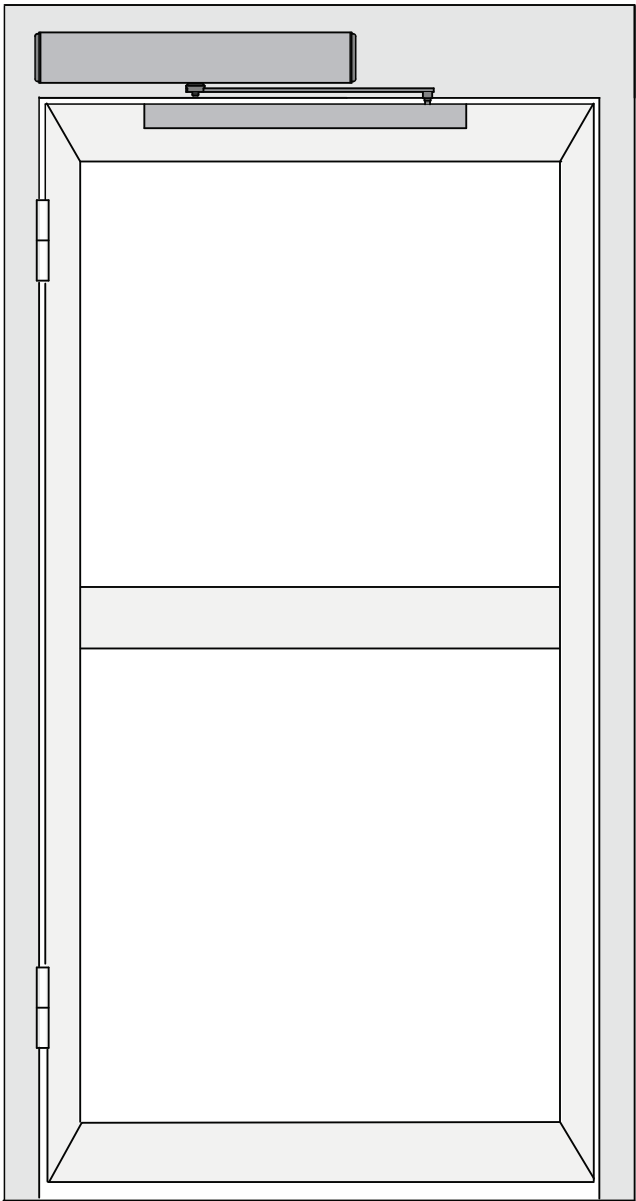


# CUMU

## INSTALLATION MANUAL

CMD-K600



AUTOMATIC ENTRANCE SPECIALISTS

CUMU AUTOMATIC DOOR (CHANGZHOU) CO., LTD.

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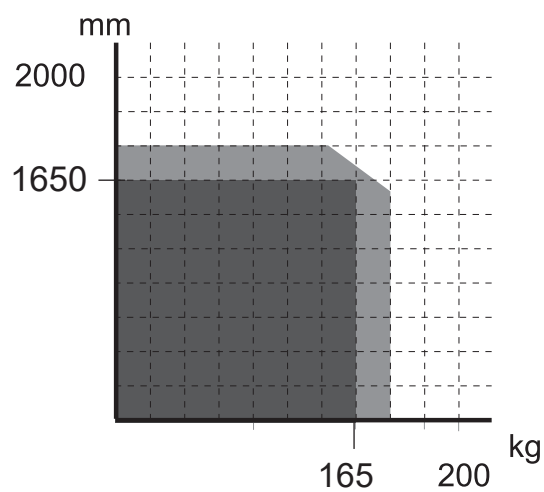
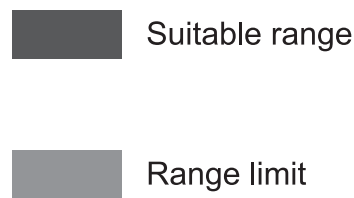
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1 Technical Parameters

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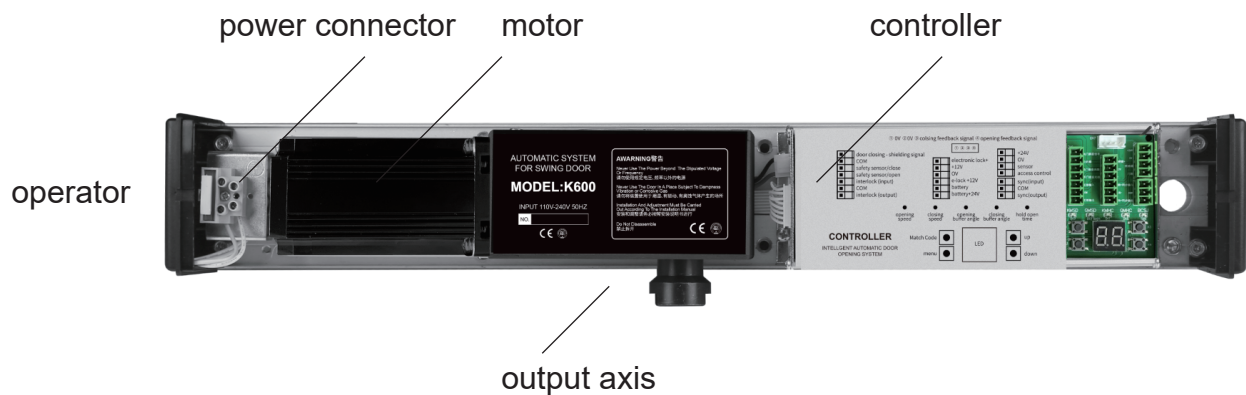
Voltage: 110~240V ±10%  
Power consumption: 50W  
Opening time: 3~7s / 90°  
Hold open time: 1~30s adjustable  
Door width: Min. 660mm / Max. 1300mm  
Max. opening angle:105°  
Environment Temperature: -20℃~+50℃  
Protection class: IP12D  
Product weight: 7.1Kg  
Dimension: L518×H95×W80mm

mm=Door width  
kg=Door weight



2.Components

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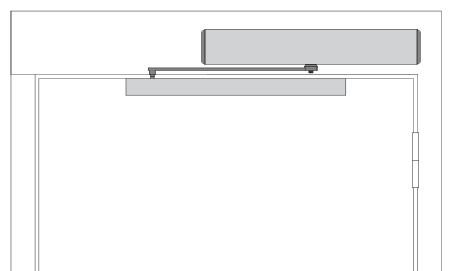


### 3 Installation

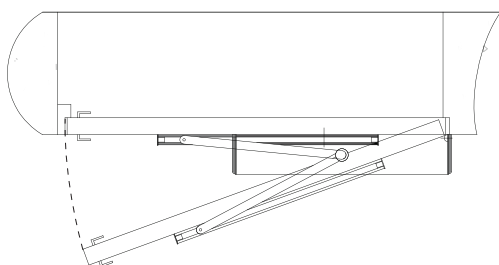
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#### 3.1 Installation example

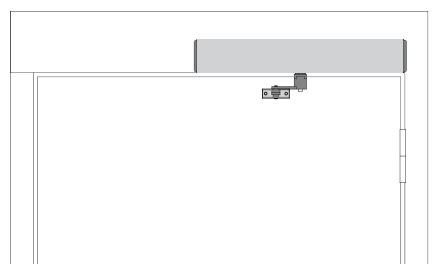
Choose pull arm: door leaf open toward inside (operator is inside)



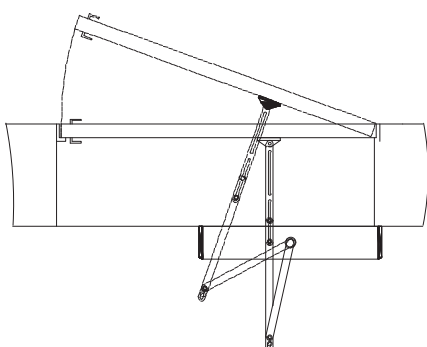
Door leaf  $W \geq 700\text{mm}$   
Door leaf flat with wall face



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

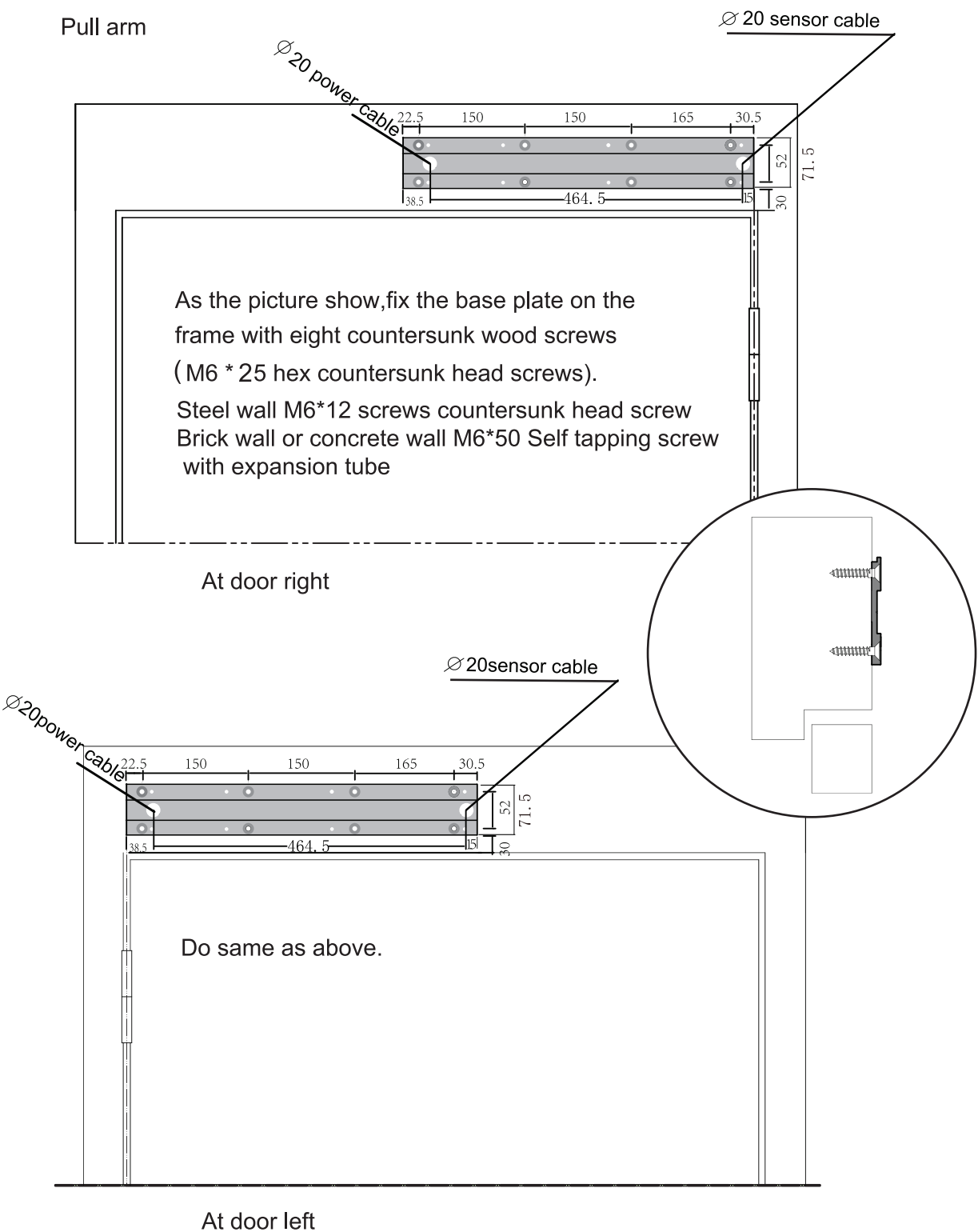


Door leaf  $W \geq 550\text{mm}$   
Wall depth minus door leaf thickness  $\leq 180\text{mm}$



### 3 Installation

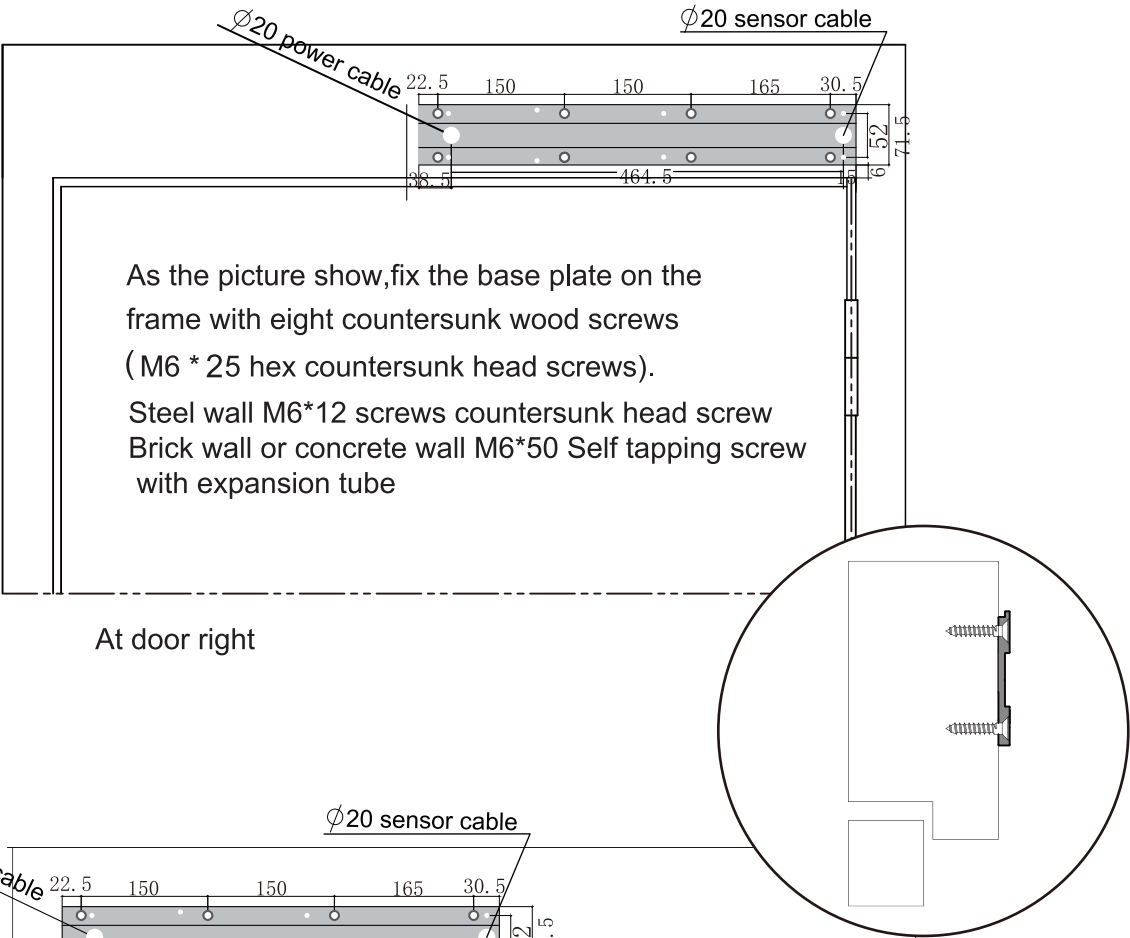
#### 3.2 Installation of base plate



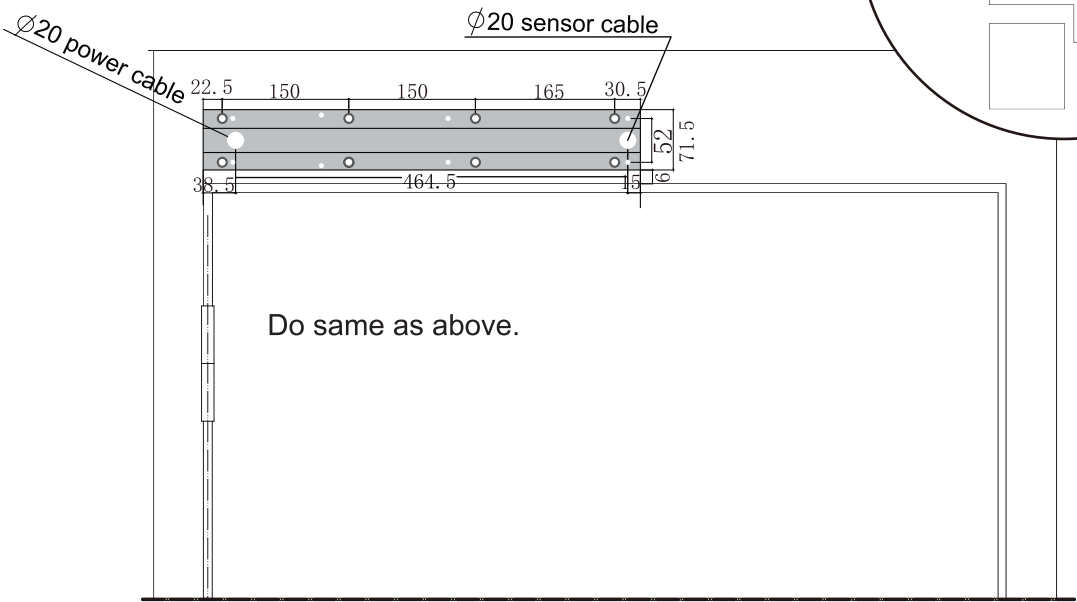
3 Installation

3.2 Installation of base plate

Push arm



At door right

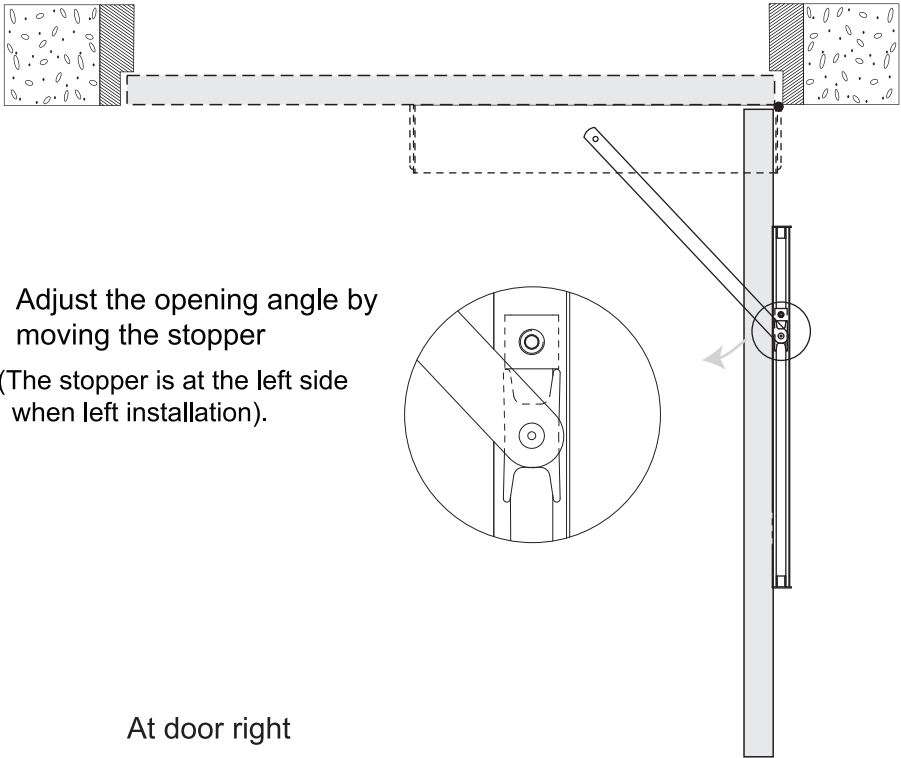
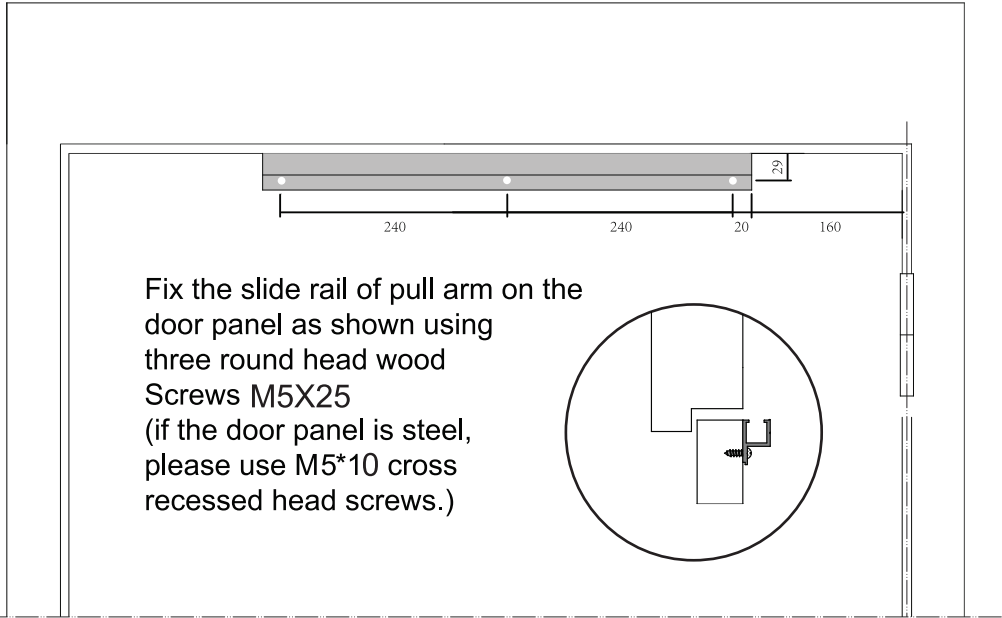


At door left

### 3 Installation

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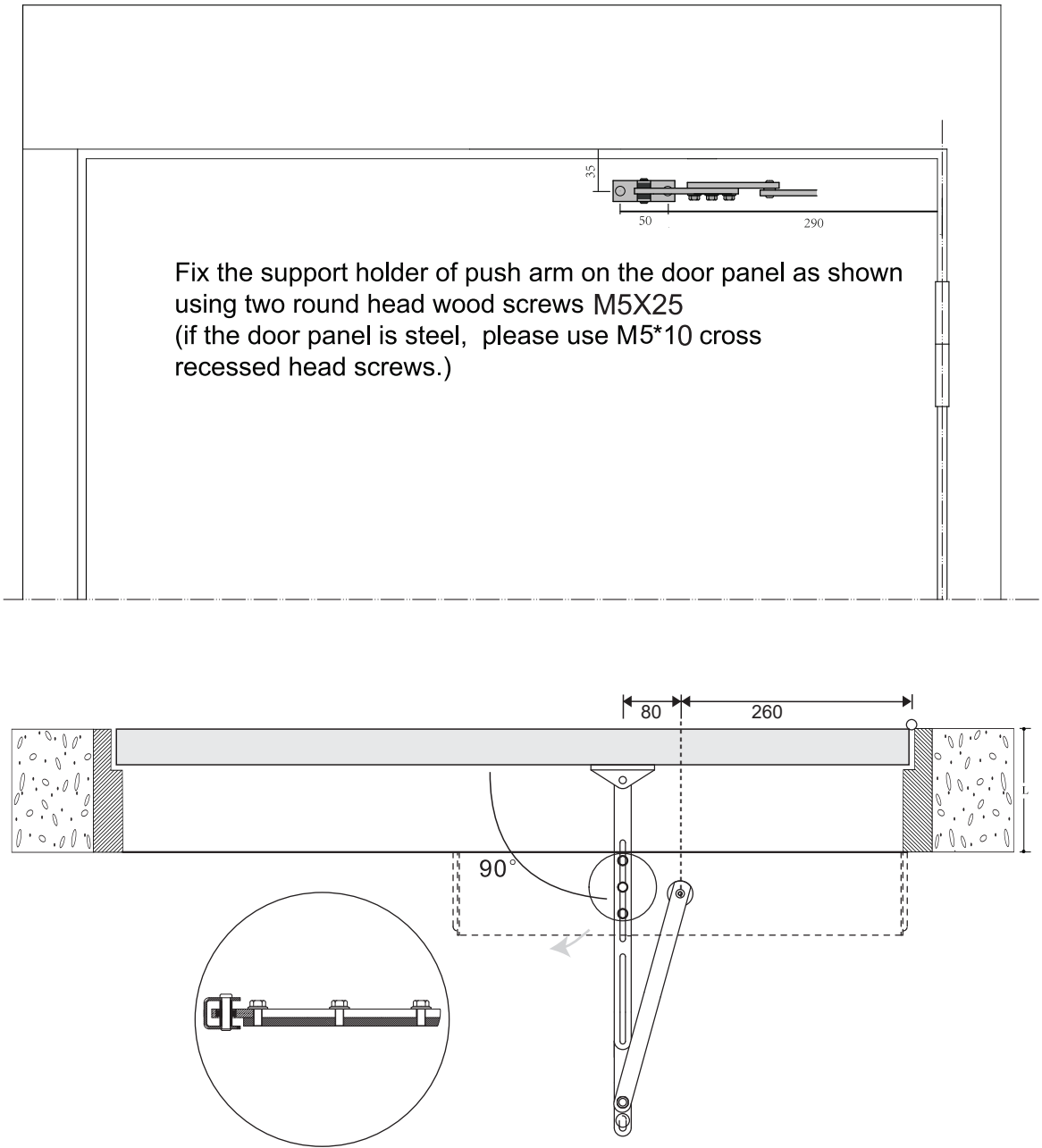
#### 3.3 Pull arm



### 3 Installation

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#### 3.4 Push arm



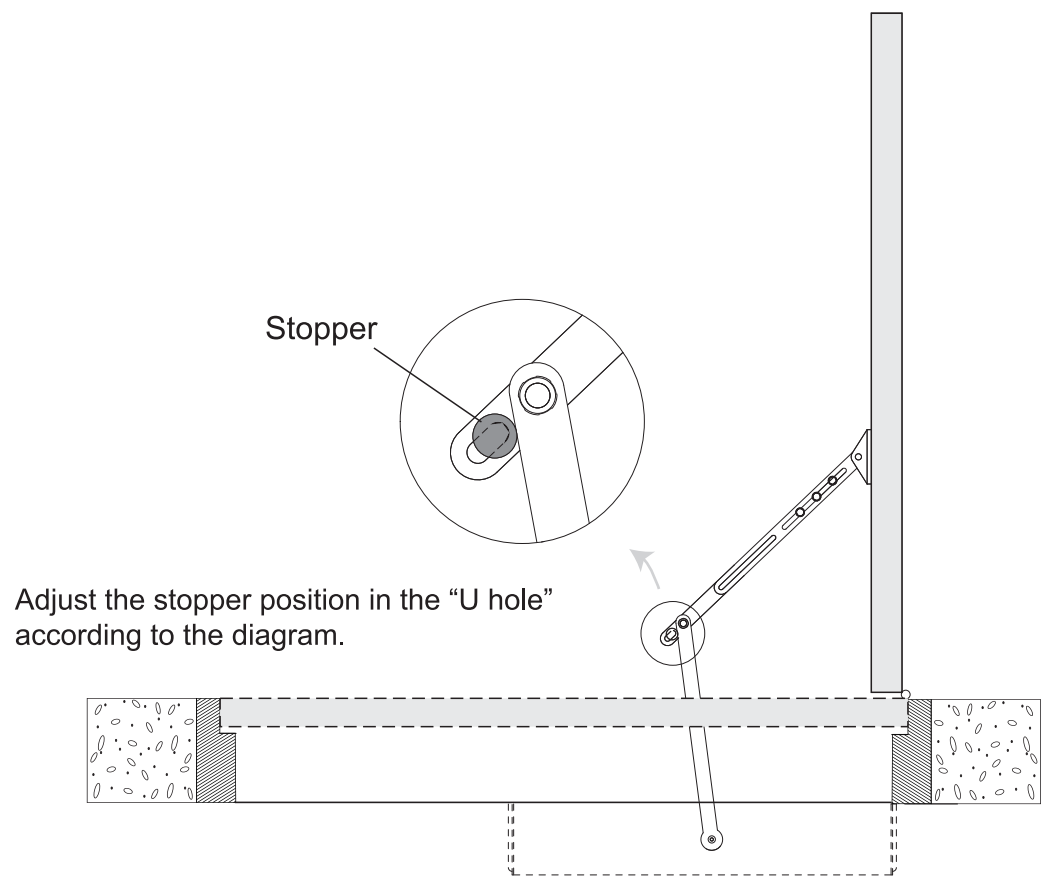
Loosen this three bolts and adjust the push arm length according to the door depth(L) until the angle between the push arm and door panel is 90° .

At door right

### 3 Installation

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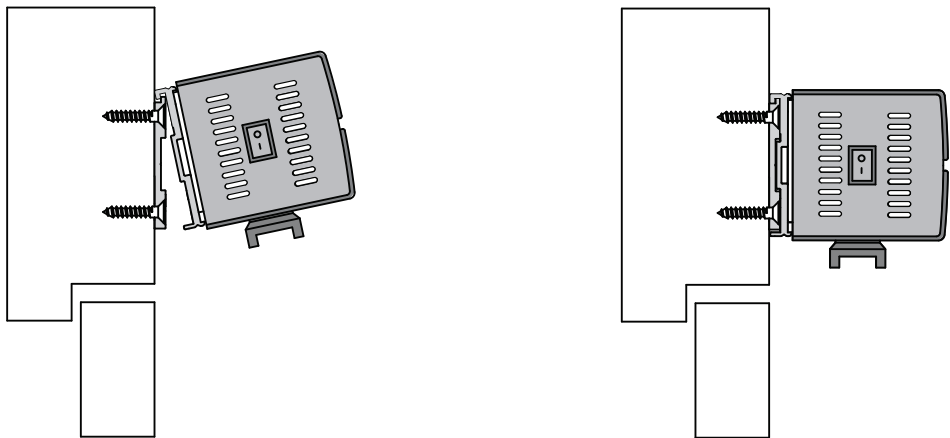
#### 3.4 Push arm



### 3 Installation

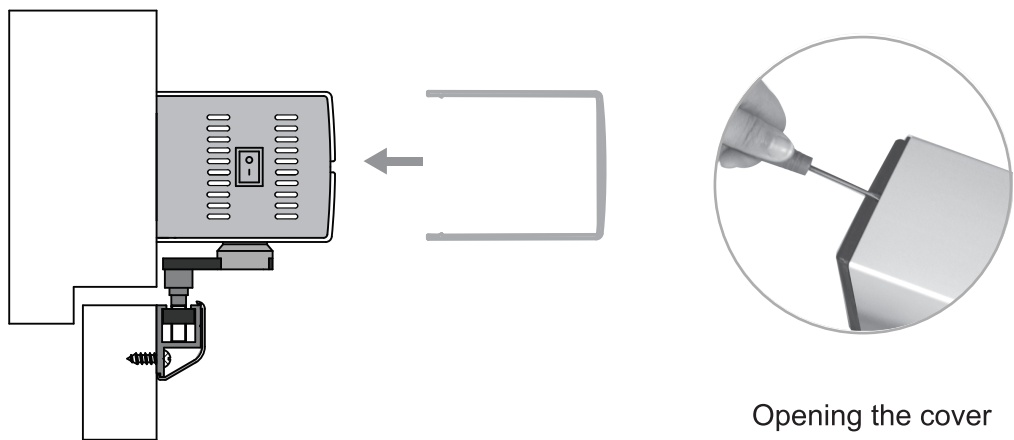
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#### 3.5 operation system



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

#### 3.6 Cover

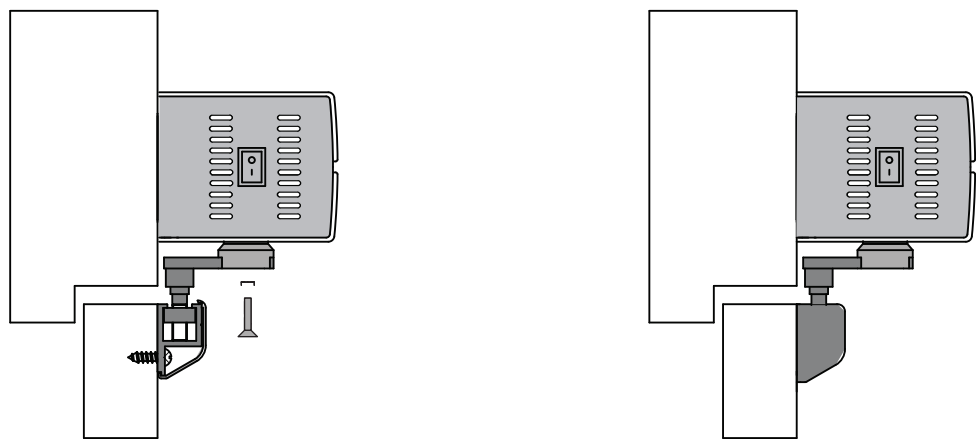


Opening the cover

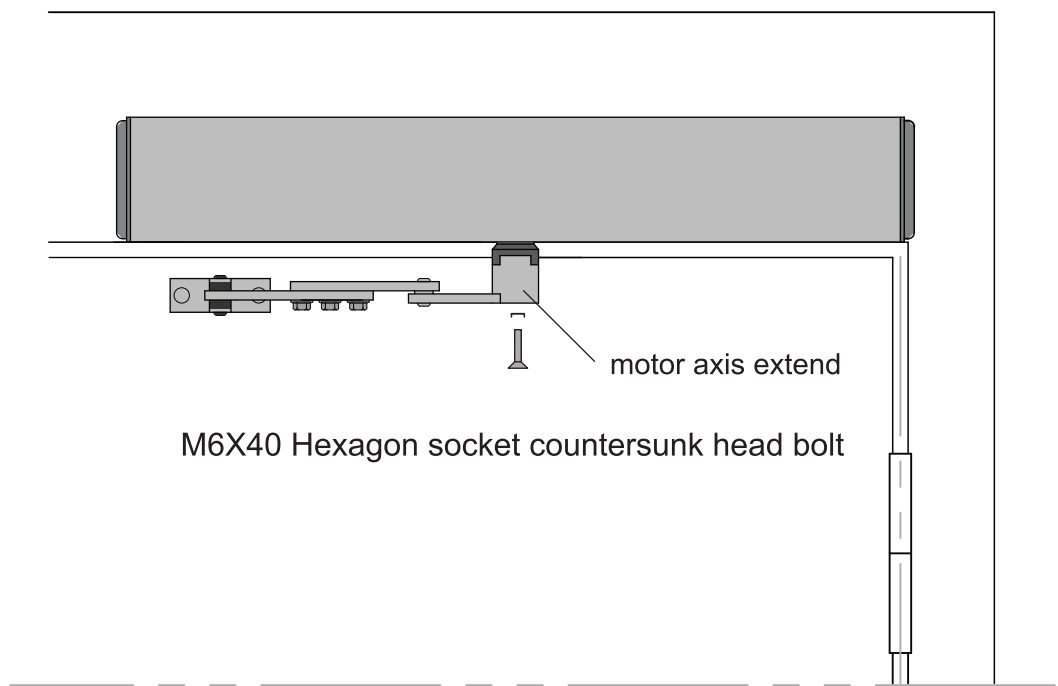
### 3 Installation

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#### 3.7 Connect the operation system and the pull arm

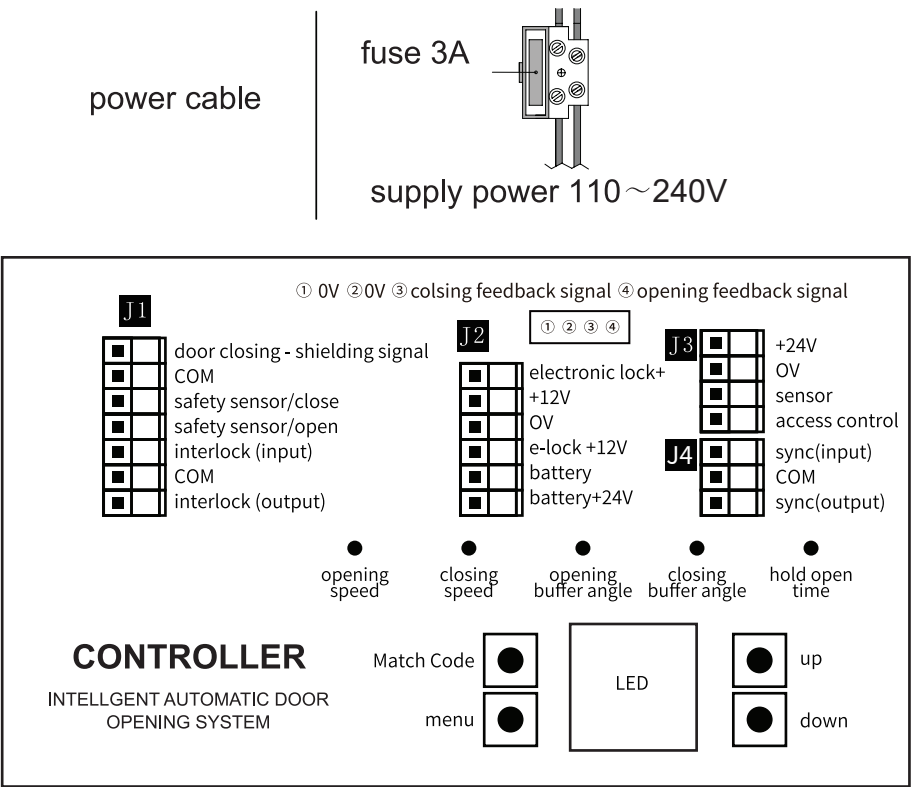


#### 3.8 Connect the operation system and the push arm

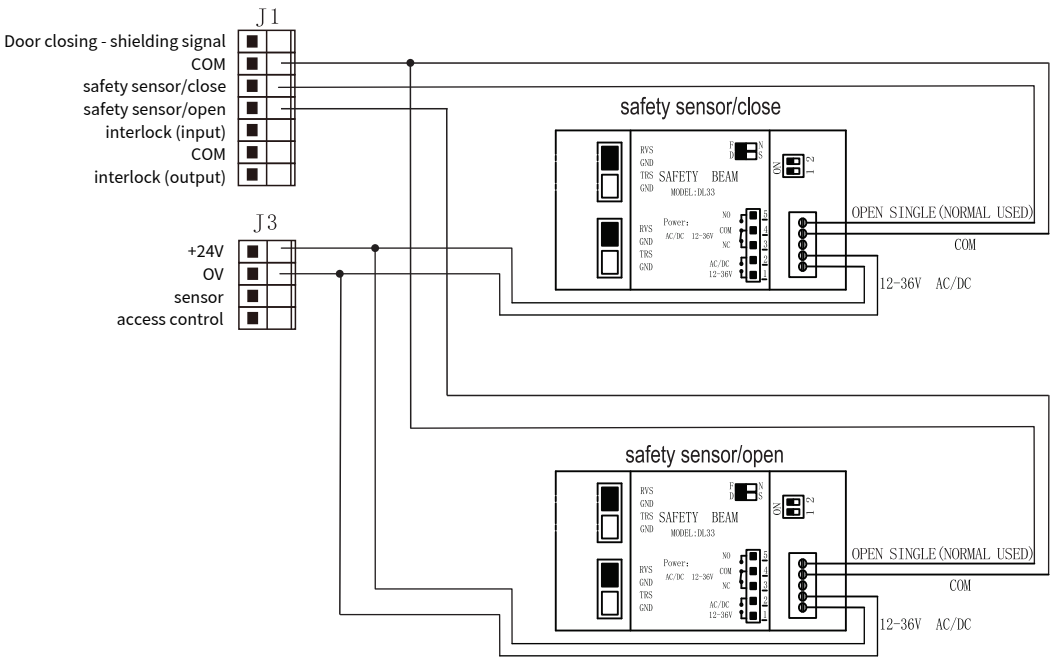




4.Electrical connection



Safety sensor



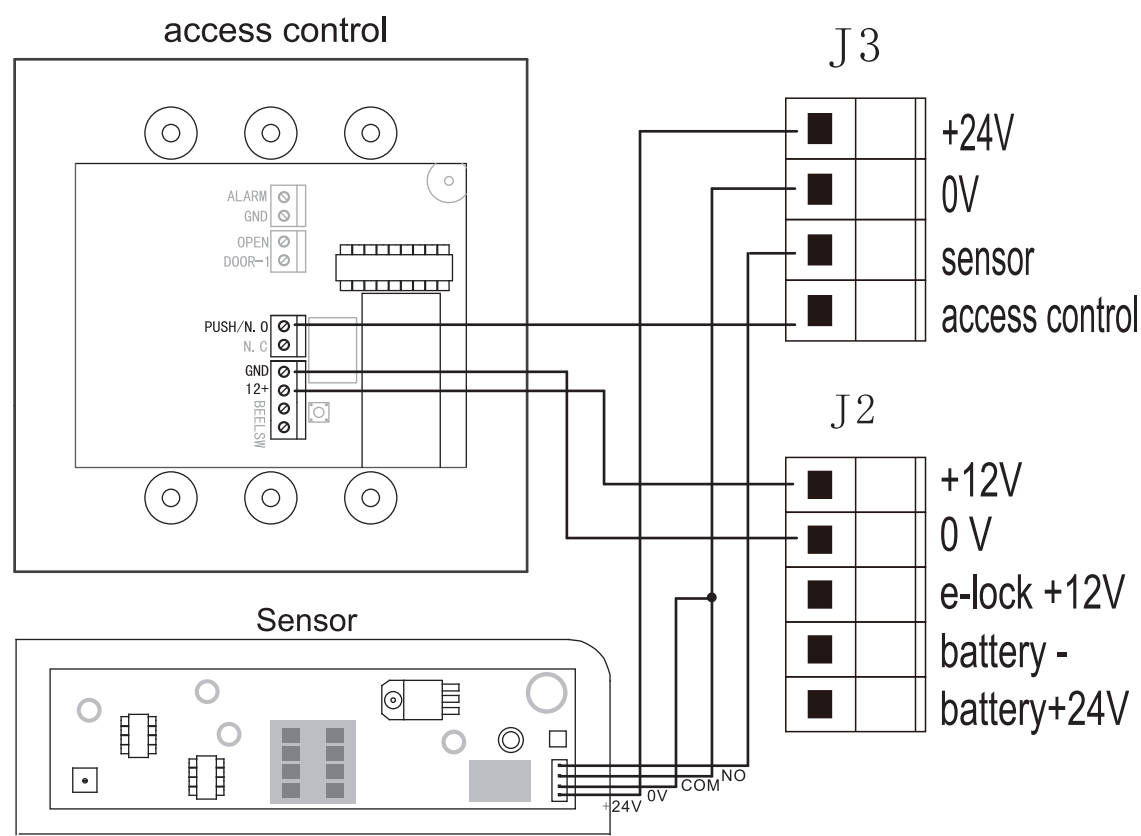
For safety, please connect the connection in J3 with 24V or J2 with 12V.

When the door is closing, the safety sensor/close work, the door will open again. When the door open the safety sensor/open work the door will stopped.

Remake: The output power of 12V should less than 10W.

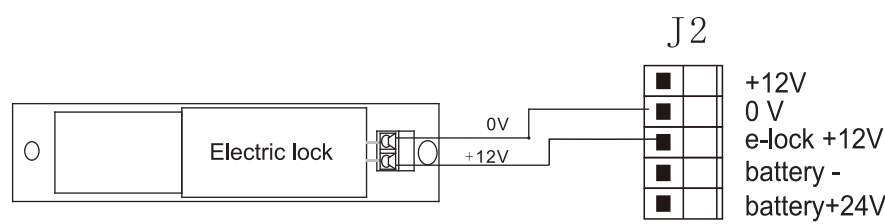
4.Electrical connection

Sensor & access control



Remark : The output power of 12V should less than 10W.

Electric lock (Automatic lock)

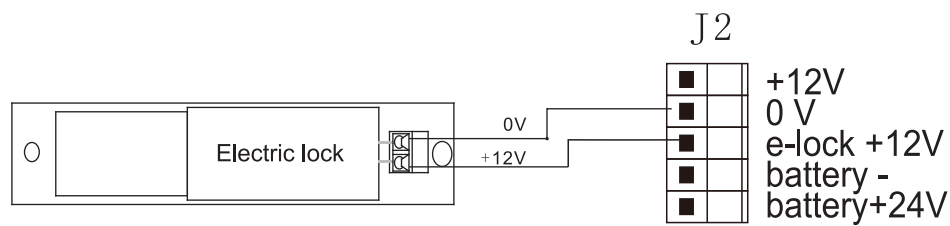


Note: The power supply voltage is 12V, the working current of the electric lock is less than 200MA, and the starting power is less than 800mA.

4.Electrical connection

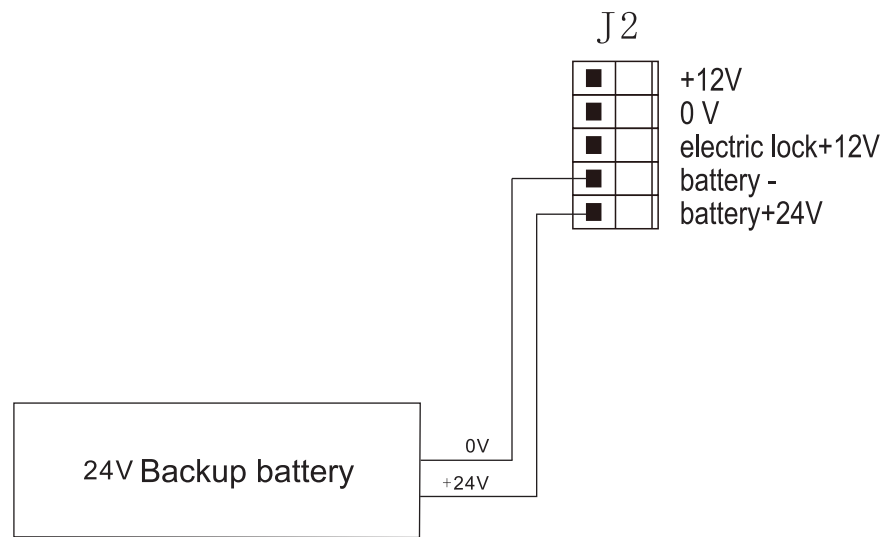
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Electric lock (Remote control lock)



Note: The power supply voltage is 12V, the working current of the electric lock is less than 200mA, and the starting power is less than 800mA.

Backup battery

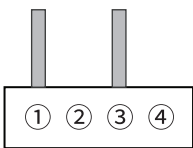


When the backup battery is directly connected to the controller for charging, the charging current must not be greater than 500mA.  
Port voltage“battery+” is 27V

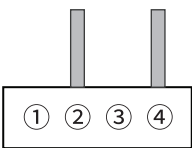
4.Electrical connection

Feedback signal

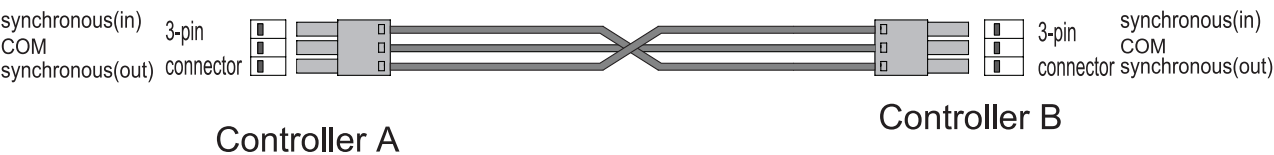
colsing feedback signal



opening feedback signal

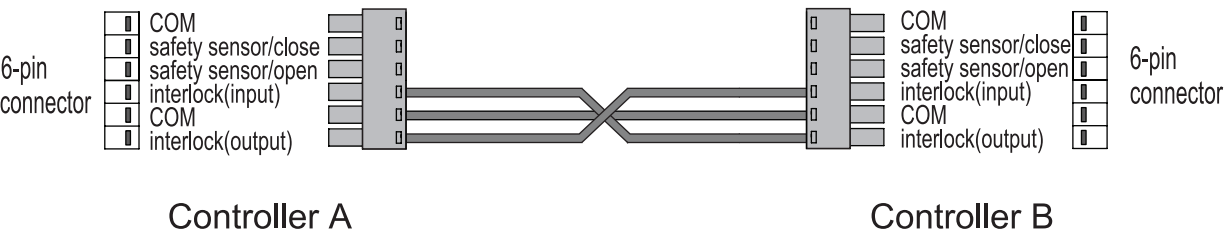


Double-door synchronous



\*When double opening,open first and close second is master door,close first and open second is slave door; Master door turn K2 down, slave door turn K2 up.  
\*Sensors and access control system are connected with the master door controller.

Interlock

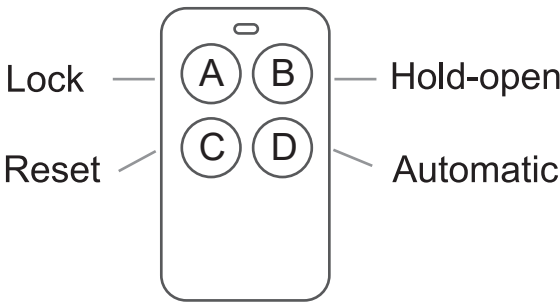


Note: Two doors share same sensor or same signal source, both doors may hold open, in this case, exchange two signal wires of the sensor which is connected with the same controller, it doesn't matter controller A or B.

4.Electrical connection

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Optional: remote control



Encode remote control with the door controller :

- 1.Delete all: long press the button “Encode” until the sound of buzzer disappears, loosen the button.
- 2.Encoding: long 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.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 .

## 5.Parameters adjustment

NO	CODE	FUNCTION	PARAMETER	DEFAULT VALUE	DESCRIBE
1	----	Door opening speed	1-10	1	Door opening speed, 9th gear
2	----	closing speed	1-10	1	Closing speed, 9th gear
3	----	Door opening buffer distance	1-10	5	Door opening buffer distance, 9th gear
4	----	Door closing buffer distance	1-10	5	Closing buffer distance, 9th gear
5	----	Door opening holding time	1-30	3	Door opening holding time (s)

NO	CODE	FUNCTION	PARAMETER	DEFAULT VALUE	DESCRIBE
1	F0	Electric lock delay	1-10	1	Delayed opening after electric lock unlocking
2	F1	Closing force	1-10	1	Strength of closing buffer section
3	F2	Buffer speed	1-5	4	Speed regulation of buffer section
4	F3	Door opening direction	0-1	1	Door opening direction adjustment
5	F4	Master / slave door	0-1	0	"0 main door 1 from the door"
6	F5	Master slave / synchronization	0-1	0	"Double door action mode 0 master-slave (the master door is opened first, and the slave door is opened later) 1 synchronization (master and slave doors open at the same time)"
7	F6	Auto / hold	0-1	0	"Automatic door closing and door opening hold selection after delay after door opening in place" 0 automatic 1 hold
8	F7	Closing force	0-1	1	"Door closing anti push mode" 0 not anti push 1 anti push"
9	F8	Door opening and closing force	0-1	0	"The door is in place and powerful (garbage cans, etc.) 0 weak 1 powerful"
10	F9	Electric lock / electric lock	0-1	0	"Electric lock and electric lock selection 0 electric lock 1 electric lock"
11	P0	Master slave delay	0-50	5	"Master slave door delay Time interval of master-slave door opening action in master-slave mode"
12	P1	Lock every time	0-1	0	"Whether to lock after closing the door" 0 remote control (only the remote control can be locked) 1 every time (lock every time you close the door, and the sensor can unlock). If the remote control is also locked, the sensor cannot unlock and the access control can unlock"
13	P2	Access control type	0-1	0	0 short circuit door opening, 1 open circuit door opening
14	P3	Closing force of door closing	1-5	1	Closing force after closing the door in place: gear 5
15	P4	Opening and closing force	1-5	1	Closing force after opening the door in place: gear 5

# CONTACT US

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