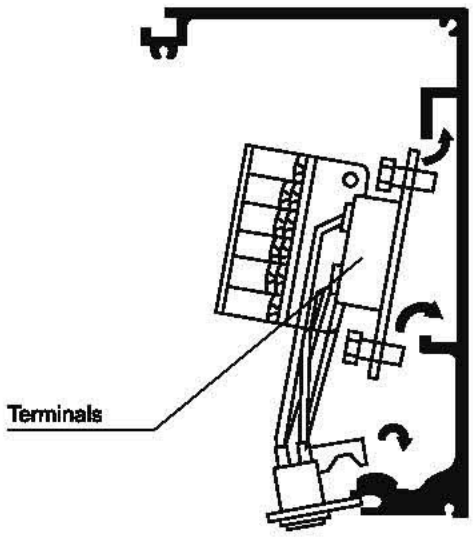
Operation Manual(E)

Sliding Door Operator

Terminal Block the Installation



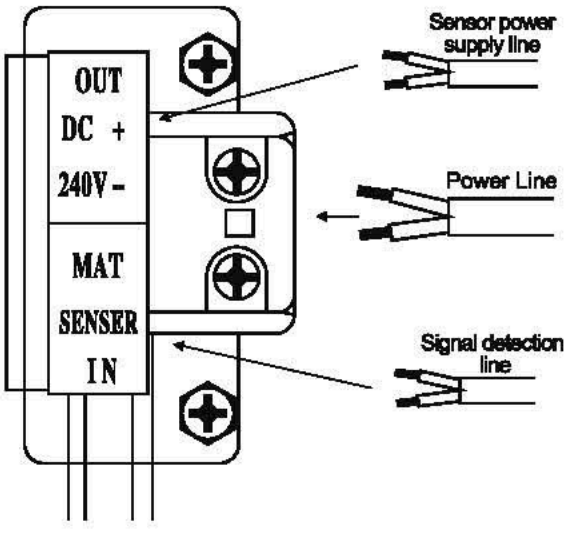
1. Tighten loose bolts installed to terminals inside the device into the power beam.

Note: Please do not damage guides, otherwise shorten the life span caused by the wheels and noise.

2. The wiring devices to move to the right end of beam power.
3. Immediately following the line of the device screw all of the bolts.

Note: Please do not damage guides, otherwise shorten the life span caused by the wheels and noise.

Power Line and the Sensor Connection Method



1. The power cord and terminal block unit is indeed connected.

Note: Supply voltage 200-250v, such as pick the wrong power supply voltage may cause fire, electric shock.

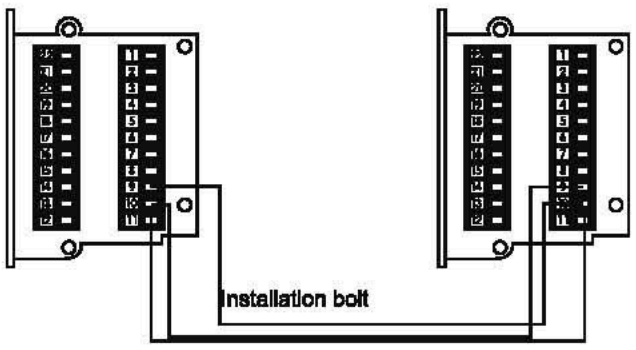
Note: Wire stripping head length 10mm, do not come across the power terminals outside the office, otherwise an electric shock.

Note: Absolutely can not put the power line access to the sensor input, otherwise it will cause trouble.

2. The sensor power supply and dc24v input connected to the detection sensors detect the client and the client connected.

Note: Please do not greater than the rated current 1a power supply unit connected to the above, otherwise they will cause trouble.

Two-Door Interlocking Connections

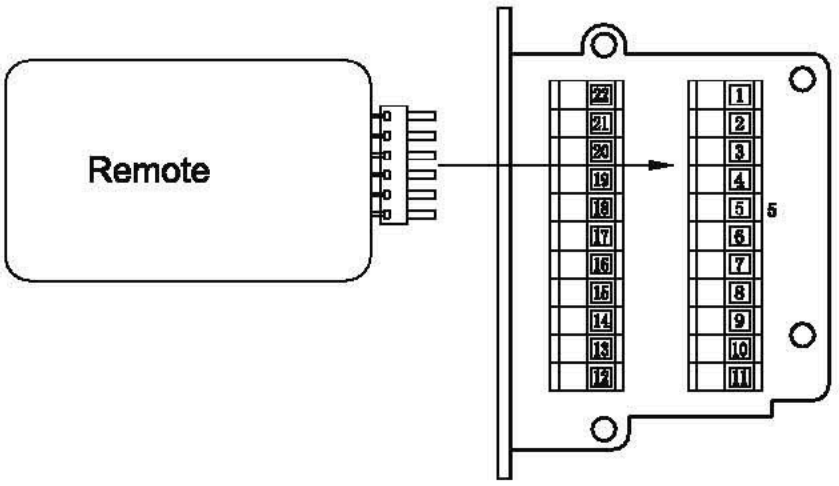


1 To 2 controllers and icon link.

2, It is best to use shielded cable.

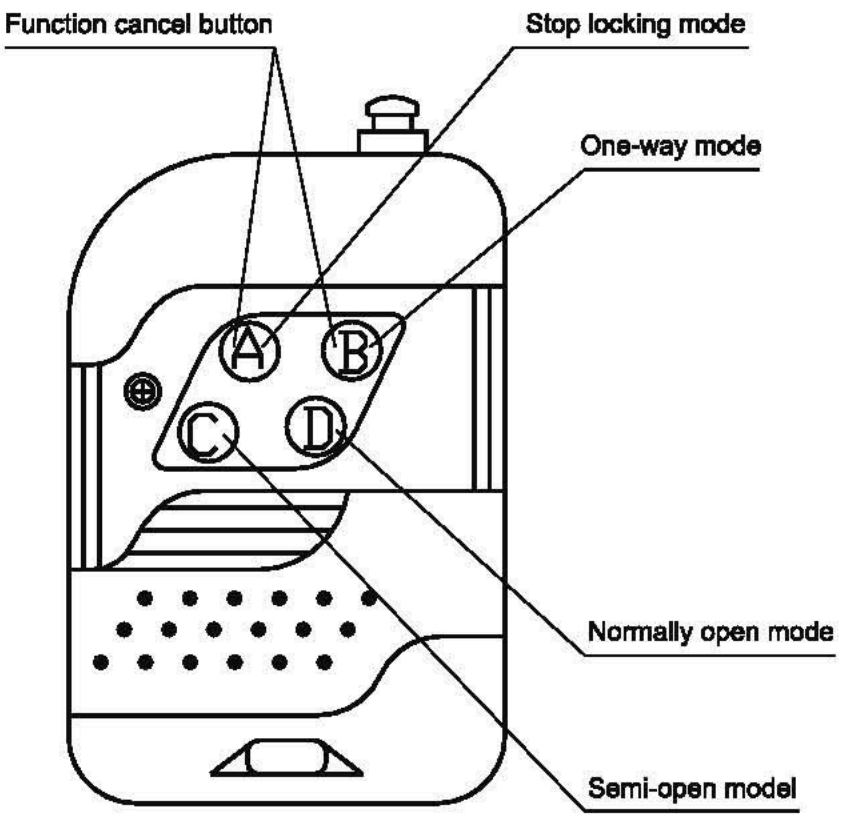
Note: Please use 0.5mm^2 wire, length 10m below.

The Instructions For Use Remote Control



1. According to the direction of plug into the controller-side panel icon.
2. Pay attention to the direction of plug.

Note: Connections into action will cause bad bad.



Remote Control Manual

- **Functional health instructions**

"A" to stop lock key - role of the door in the closed state (if the installation of automatic mechanical lock, the door Machines will be dual-locking, providing double insurance).

"B" one-way pass key - role of the door can only accept interior door sensor signal to reach out not only the purpose of entering one-way passage.

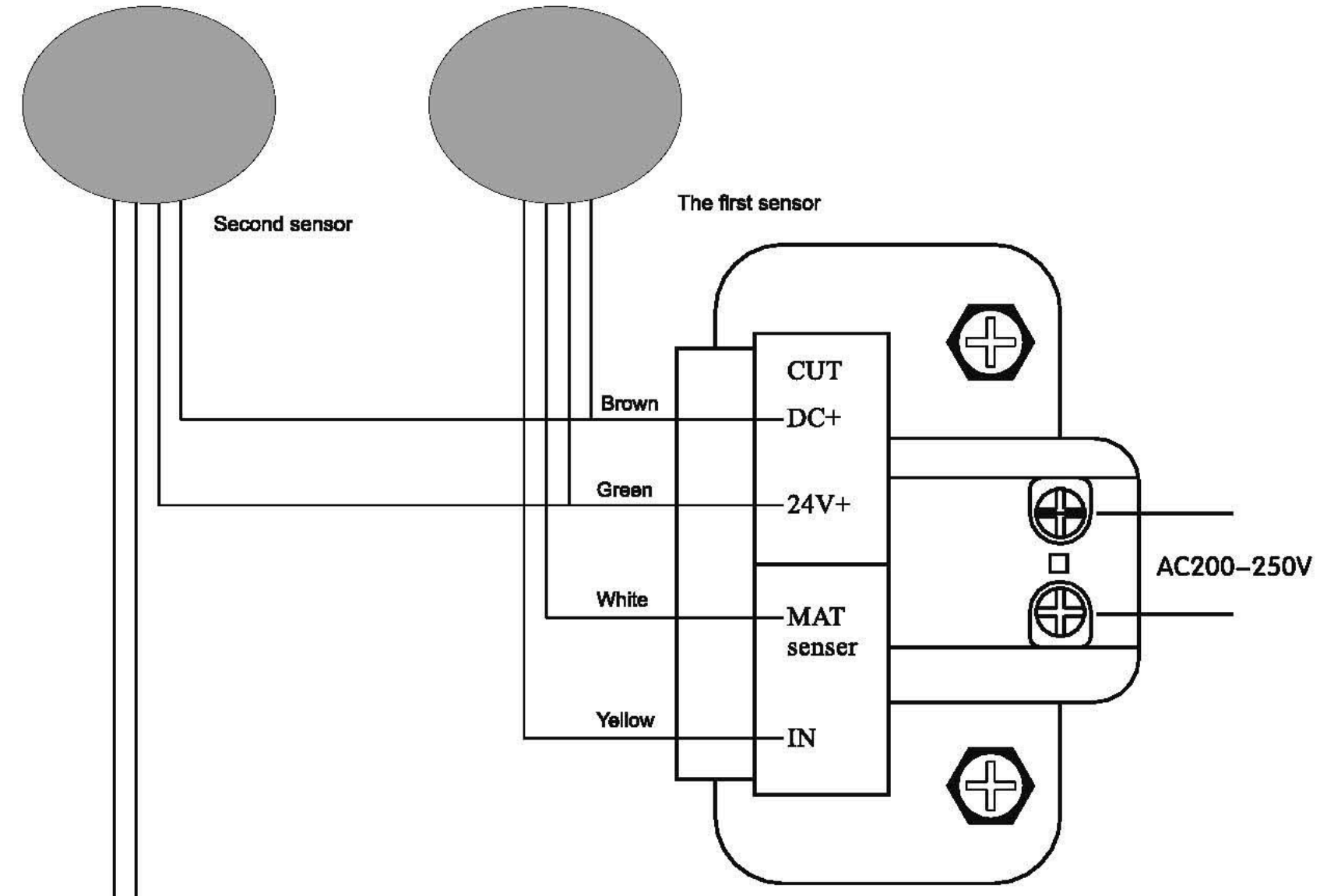
"C" semi-open button - the role of work in the door half-open state, that is, the door opened in a half open shape.

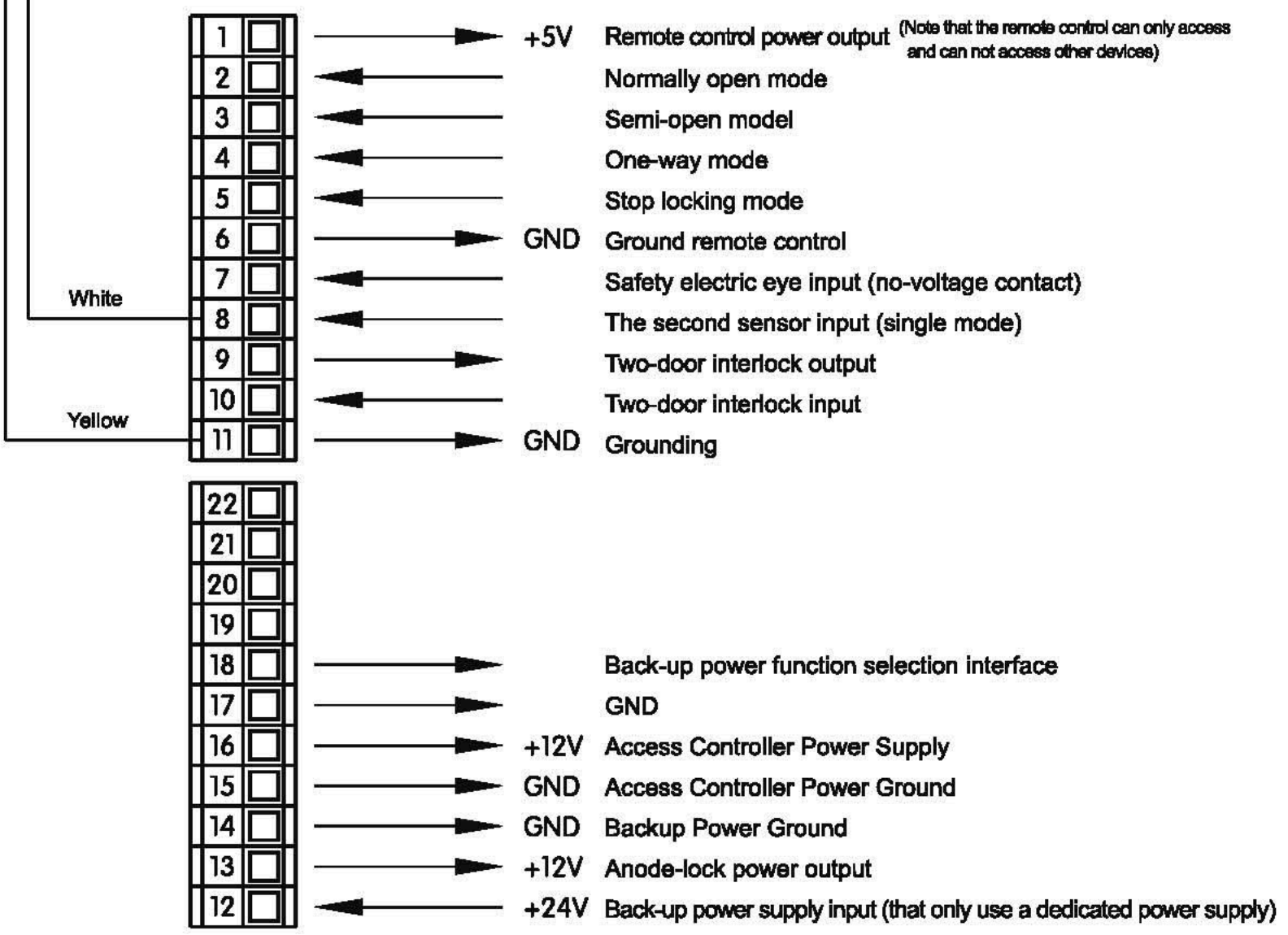
"D" always open key - role of the door was always kept open state.

- **Pay attention to matters**

1. Remote control can be used normally within 0-20 meters.
2. Can not be subject to strong vibration and rain, sun-dried in order to avoid damage caused by remote control.
3. In the remote distances have been shortened or failure, please replace the remote control 12v battery.

The Sensor Wiring Method





Security Lighting and Access Control Wiring Methods

Safety light technical indicators

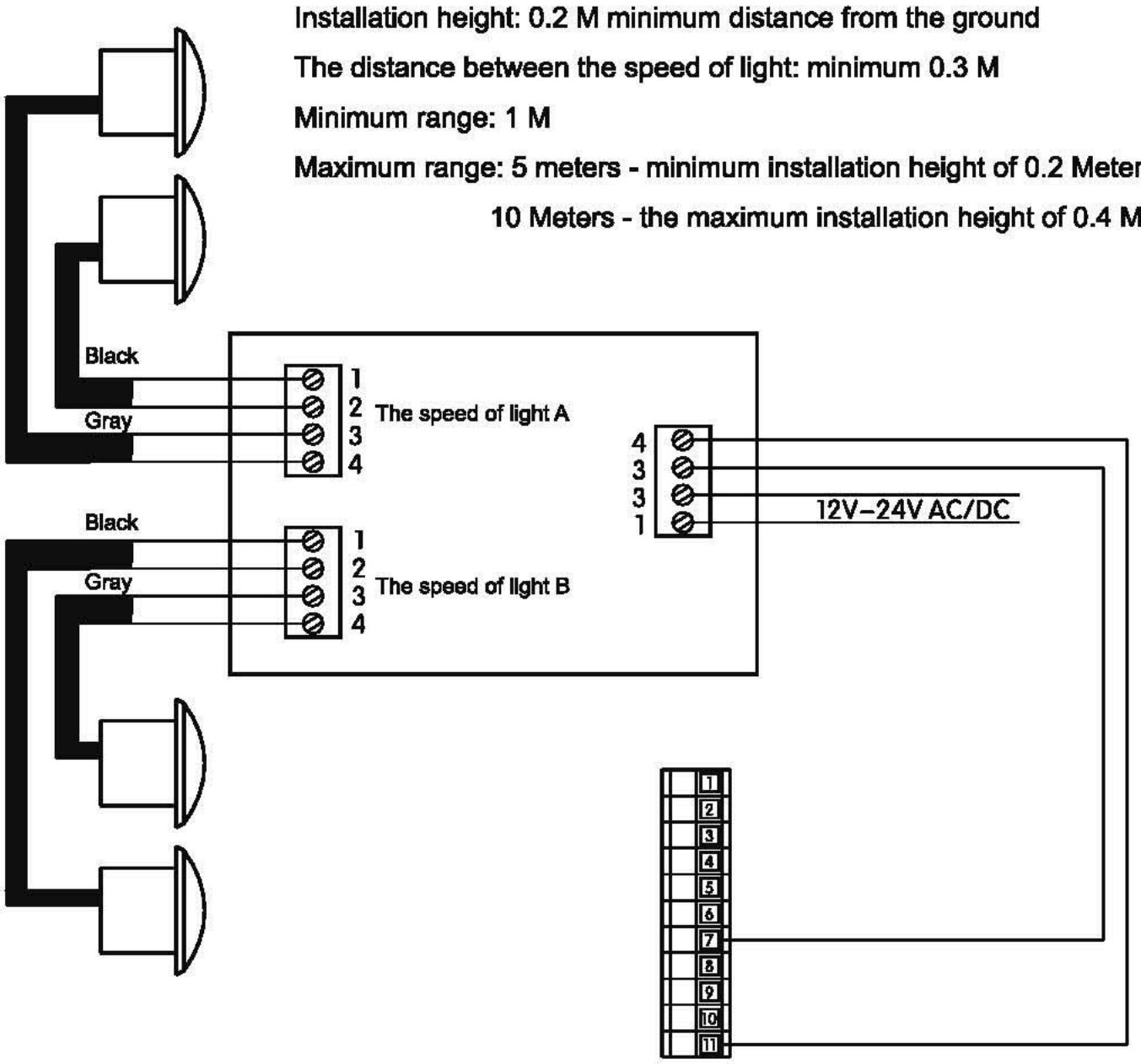
Installation height: 0.2 M minimum distance from the ground

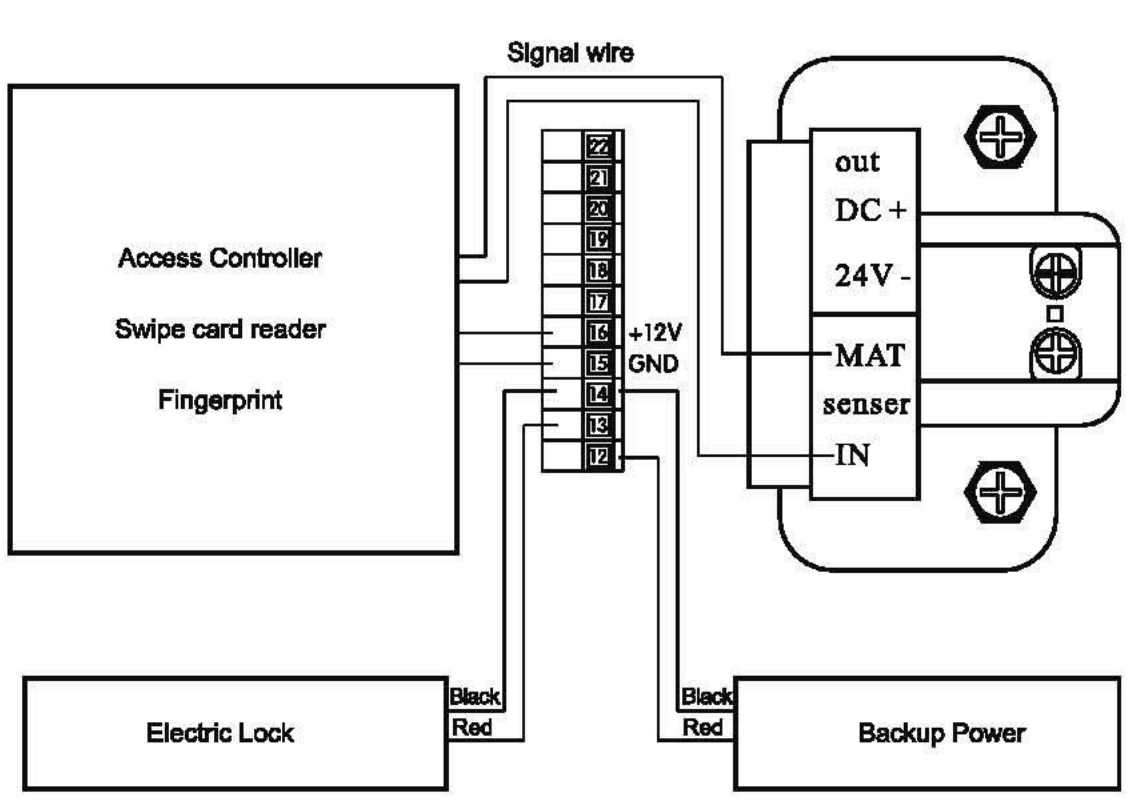
The distance between the speed of light: minimum 0.3 M

Minimum range: 1 M

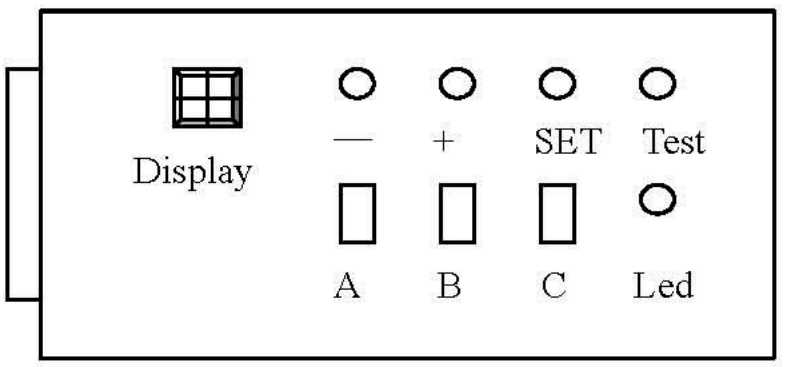
Maximum range: 5 meters - minimum installation height of 0.2 Meters

10 Meters - the maximum installation height of 0.4 Meters





Action Adjustment



A: Left switch—door opening direction selection switch
B: The second sensor—a sensor and secondary sensor selector switch
C: Closed lock switches—each switch pull to close above the lock

Led: Signal indicator—sensors detect signal indicator
Test: Test button—action button to adjust the action confirmed

Display: Digital display
-: Decrement buttons
+: Increment button

Set: Function select button, the corresponding digital display 1-7, described below

1.pening speed 1-25
2.Slow movement distance in door opening 1-32
3.Open buffer power 1-32
4.Closing speed 1-25
5.Slow movement distance in door closing 1-32
6.Close buffer power 1-32
7.Hold open time 1-20

Select end corresponding feature, shall be increased by increments button Corresponding parameters.
Reduction button press the button file with the reduction value of 9 files, the Corresponding digital displya for 1-9.
Incremental value when you press the button displayed on the plus(1-9)
When you press the button when the reduction value displayed on the plus(9-1)

Action Description

■ Simulation Action

Connected to the power → Automatic door to low-speed, full-stroke Open → To set the speed of the relationship between

Switching action to confirm the itinerary

Note: Connected to carry out the above immediately after the power moves, has nothing to do with the full-half open.

■ The use of semi-open model

In simulated motion to open after the first detection signal, the door to the semi-open position.

Half-open position to confirm

Note: In the first test signal to open to open and were open state = confirmed half-open position, as the imposition of outside force to imitate people hit the door, it is easy to confirm the wrong location, please note.

■ Normal Operation

Door detection signal ON → According to setting open the door → Door brake

Door buffer → Open Hold Time → According to set value to close

Brake closed → Close buffer → Force the door closed to stop raising

■ Collision detection function

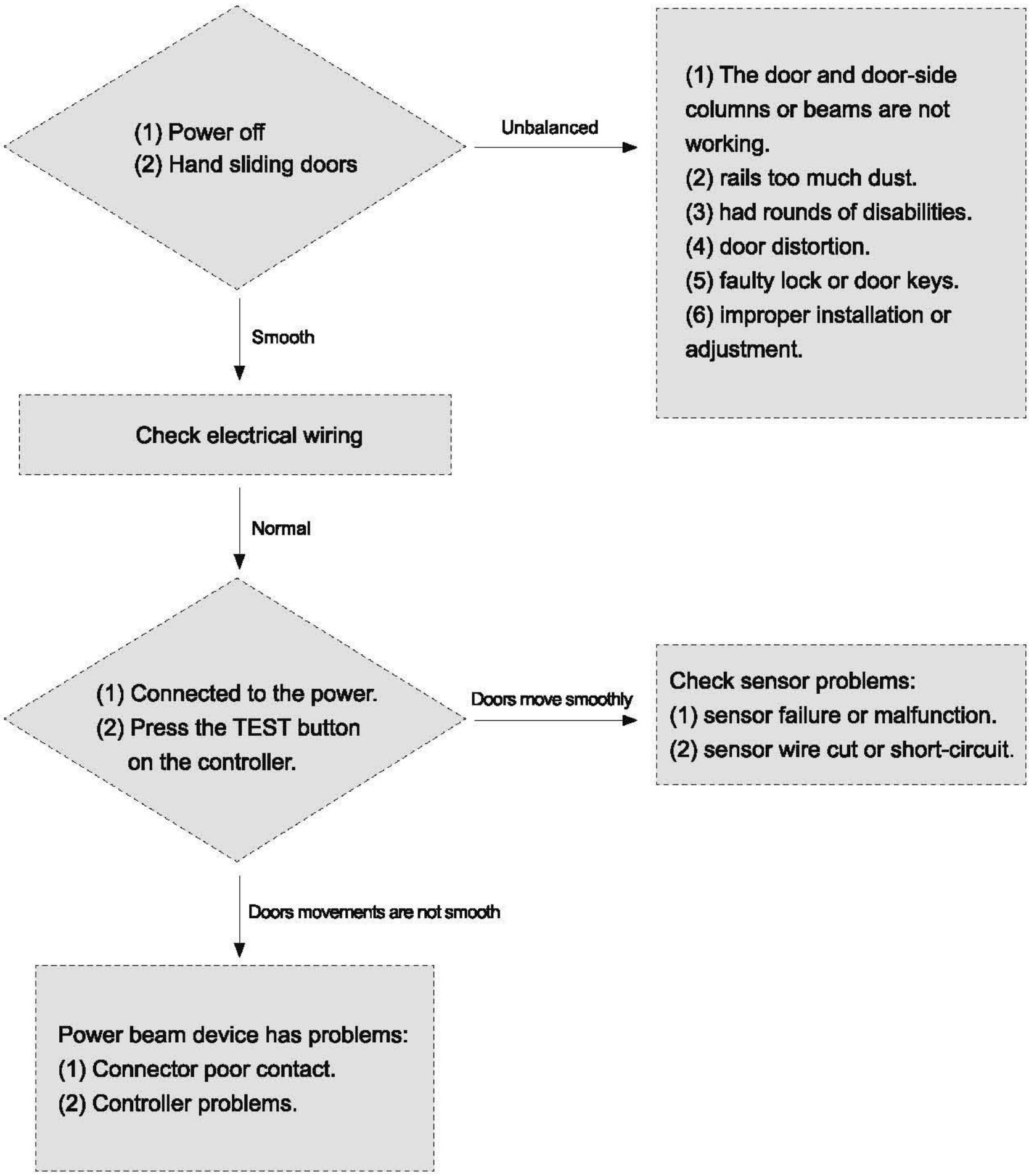
- In the closing movement in the case of obstacle was conducted after the rebound.
- Encounter obstacles to rebound after the door is closed before the trip to the obstruction site into a buffer speed.
- In case of barrier material removed, the door to confirm the next start after returning to normal.

■ Protection function

- Control devices which have self-protection, to the inside temperature rises to a certain value, the opening hours is automatically set to maximum.
- If the temperature continues to rise, then automatically stop working, such as temperature declines, then automatically return to normal.

Check the Steps

■ Automatic door does not move, please press the plan step to be checked



Abnormalities and Diagnosis (Commitment Ago)

A anomalles	Reason	Confirmed that the matter	Approach
Do not switch too slow or non-smooth	• Turned on or off too slowly. • Too much distance between the buffer. • Some people run into the door when the door switch body or foreign body caused by abnormal pattern. • Walking too much resistance.	Confirmed that the door switch settings. Cut off the power supply, hand-switch door. Confirmed and whether the litter rail. To confirm whether there are any obstacles.	Adjust the switching speed of the value of the door. Adjust the buffer settings. So that the temporary closure of a door. Garbage removal. Removal of obstructions.
Doors which do not move	• Power supply is not connected. • Sensor fault. • Power supply is not connected. • Door locked. • Door rail there garbage.	See circuit breaker. See the power switch is turned on. See if the door was locked. Turn off the power to confirm whether the smooth door movement. View connection.	Connected to circuit breakers. Open the power switch. Replace the sensor. Open the door. Remove litter or obstructions. Reconnected or replaced.
The door does not close	• Sensors continue to work. • Safety sensors continue to work. • Sensor signal line short-circuit.	There are moving objects in the sensing region cause an error action. There is no moving object in the sensing region cause an error action. Check the safety photoelectric light receiver on the head or rubbish. Optical axis easy road. Remove the terminals on the signal line, the door is closed.	Moving object in the sensing region. Replace the sensor. Garbage removal. Optical axis alignment. Replace the signal line.
Door will automatically switch	• Sensor malfunction. 1. testing whether there are moving objects in the region. 2. the door near a strong radio waves. 3. and other sensors detect areas overlap. 4. testing the area with fluorescent lights. • Sensor bad.	Check Check Check Sensor rebound phenomenon.	The moving object away from the test area. To send a strong wave of the machine away. Conversion tamper switch. The lamp away from the test area. Replace the sensor.
Failure to open the door	Set in the semi-open model.	Check full / half-width of the door open switch	Switch to full-mode
Doors Jitter	Starting torque are set incorrectly.		Set Starting Torque