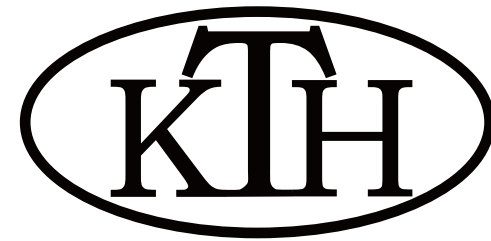


Automatic Door Systems



SW-2

Swing Door

OPERATION INSTRUCTION

To join the CONTROLLER

Power Supply (input)
Either AC100V~240V

OUTPUT DC24V CONNECT
TO UPS

POWER SWITCH

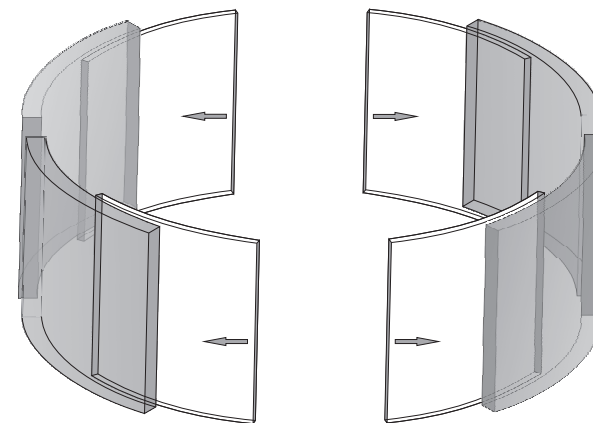


Warning

Please confirm WHETHER the SENSOR VOLTAGE is the same as the power supply. If different between them, need to add the TRANSFORMER, otherwise the SENSOR would be burned.

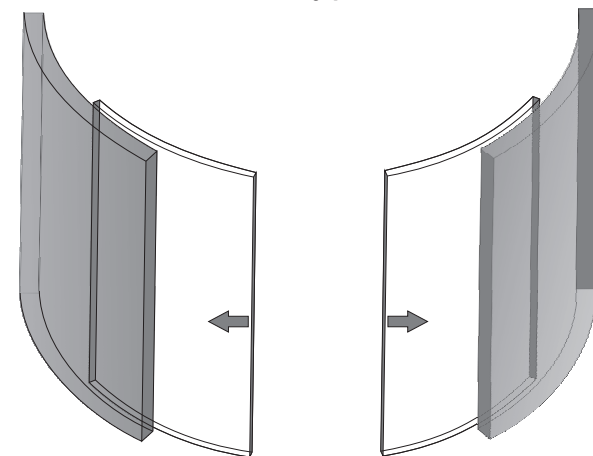
Our company has the following series of automatic door, please contact with our distributors/representations.

Round type door



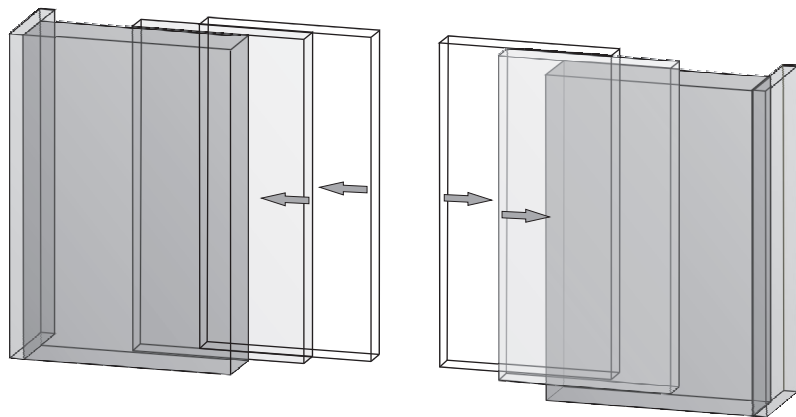
Installation: Please in accordance with the instruction of Round Type Door.

Curved Type Door



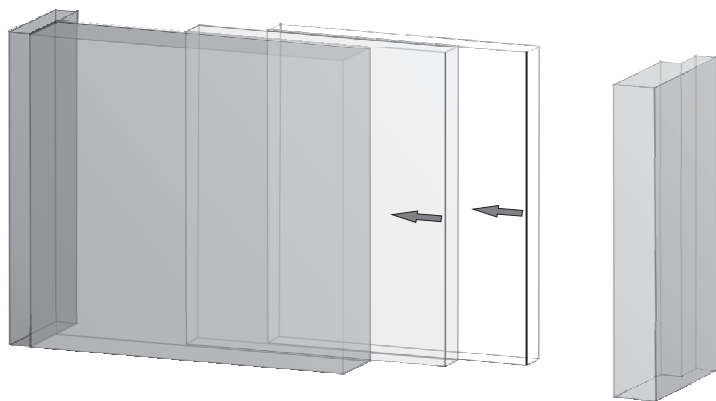
Installation: Please in accordance with the instruction of Curved Type Door.

Telescopic 4-winged Sliding Doors.



Installation: Please in accordance with the instruction of Telescopic 4-winged Sliding Doors.

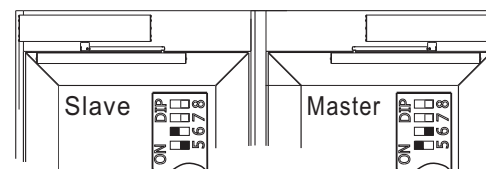
Telescopic 2-winged Sliding Doors.



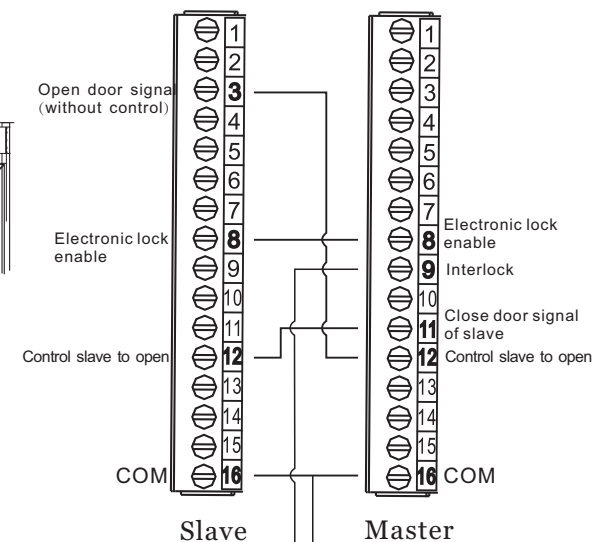
Installation: Please in accordance with the instruction of Telescopic 2-winged Sliding Doors.

Double Doors with Interlock, Electronic lock, Master/Slave Function

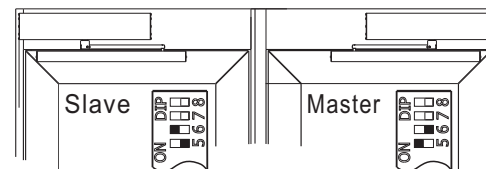
1st of Double Door



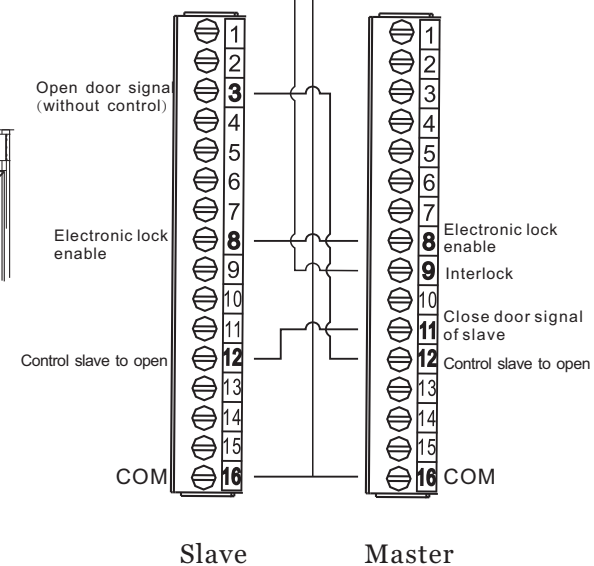
Please set the door which closes first to master(5 on, 6 off) then set the second to close to slave(5 off, 6 on).



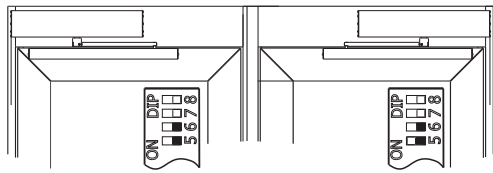
2nd of Double Door



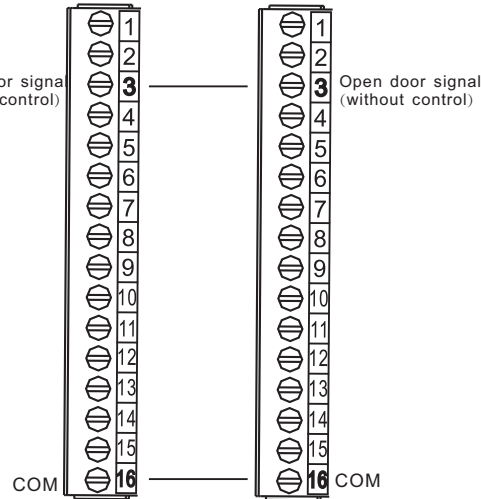
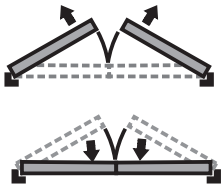
Please set the door which closes first to master(5 on, 6 off) then set the second to close to slave(5 off, 6 on).



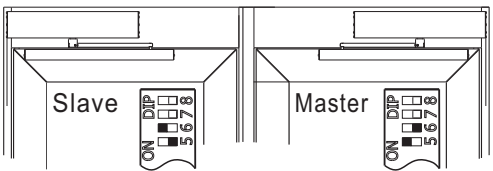
Double Door (I)

Open door signal
(without control)

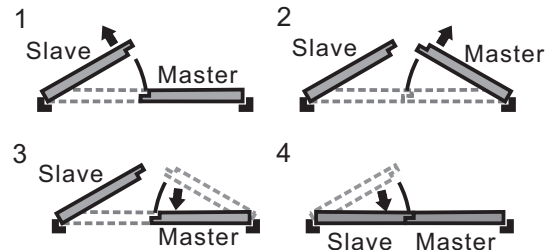
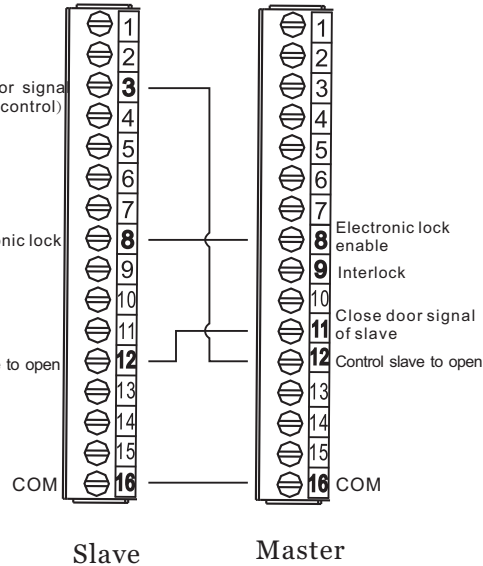
Please set all door (5 Off, 6 Off).



Double Door (II) With Electronic Lock and Master/Slave Function

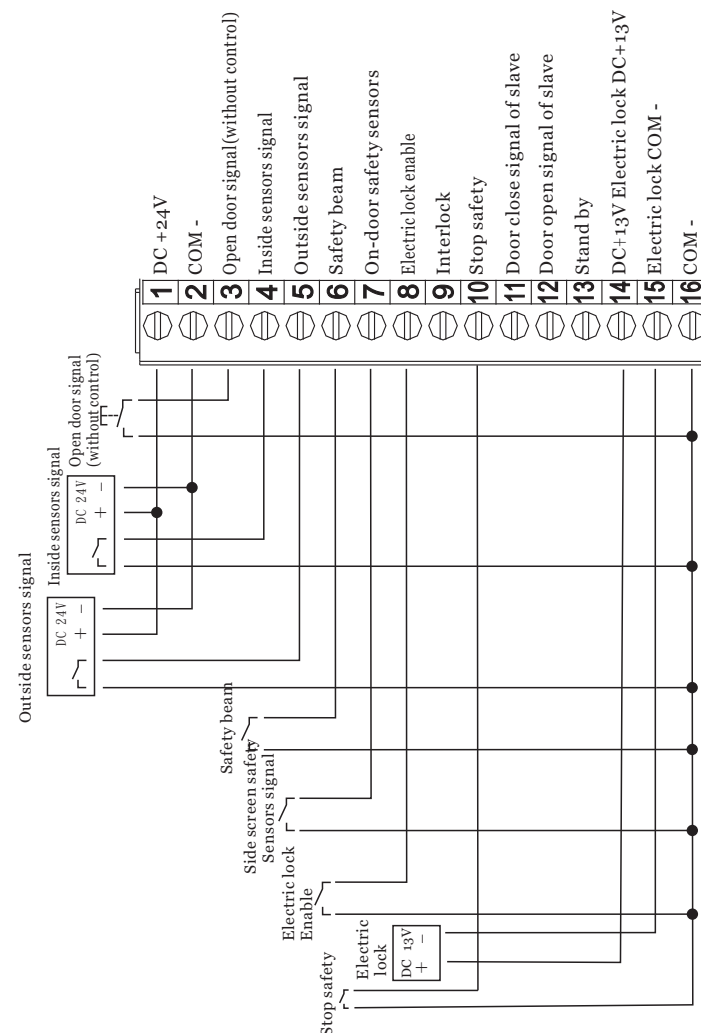
Open door signal
(without control)Electronic lock
enable

Control slave to open



1. TECHNICAL SPECIFICATION.....	P 1
2. DESCRIPTION OF OPERATOR.....	P 2
3. OPERATOR (SECTION).....	P 3
4. DISTANCE SETTING.....	P 4
5. (OUTWARD OPENING)PUSH ARM ASSEMBLY MOUNTING....	P 5
6. (OUTWARD OPENING)PUSH ARM ASSEMBLY ILLUSTRATION.....	P 6
7. (INWARD OPENING)PULL ARM ASSEMBLY MOUNTING	P 7
8. (INWARD OPENING)PULL ARM ASSEMBLY ILLUSTRATION.....	P 8
9. ADJUST BOARD INSTRUCTION.....	P 9
10. CONNECTION TO TERMINAL BLOCK.....	P 10
11. DOUBLE DOOR AND MASTER/SLAVE FUNCTION...	P 11
12. INTERLOCK, ELECTRONIC LOCK, MASTER/SLAVE FUNCTION....	P 12
13. CONNECTION.....	P 13

TYPE	(Outward)	(Inward)
DOOR WEIGHT & WIDTH	Max. ● Min. ●	
MOTOR	DC24V 120W BRUSHLESS DC MOTOR	
CONTROL	USER-FRIENDLY MICRO-CONTROLLER	
POWER CONSUMPTION	120W	
VOTAGE	AC100V~240V	
ENVIRONMENTAL TEMPERATURE	-20°C~+50°C	
VOLUME	55 decibel(max.)	
SPEED of OPENING 90 DEGREE	3~8 sec / 90°(max.)	
HOLD OPEN	0~20 sec. (Regulable)	
TRANSMISSION IMPORTANT CONDITION	Outward Arm assembly	Inward Arm assembly
OPENING DOOR RANGE	120°Max./90 (default)	
POWER EFFICIENCY	0.95 (In full load)	
TRACTION FORCE	2.5 kg	

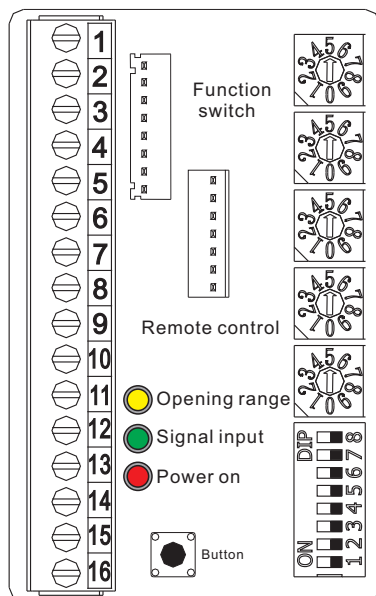


When connect to electronic lock, the reverse switch will be connected too:
after power resumes, the Door-leaf closes the door first.

Yellow  Setting door opening range:
When light on you can set the door range.

Green  Signal input

Red  Power on



Opening speed

Closing speed

Opening slow speed

Closing slow speed

Opening hold time

DIP switch functions			
8	OFF	Wind pressure resistance	
	ON	Wind pressure resistance	
7	OFF	Fail-safe (lock, NC.)	
	ON	Fail-secure (lock, NO.) ^①	
6	OFF	Set to slave-OFF	
	ON	Set to slave-ON	
5	OFF	Set to Master- OFF	
	ON	Set to Master- ON	
4	OFF	Directional Function- OFF	
	ON	Directional Function- ON	
3	OFF	Brake power-Large	
	ON	Brake power-Little	
2	OFF	Brake power -ON (over 50 KG.)	
	ON	Brake power -OFF (under 50 KG.)	
1	OFF	Opening direction-Left	
	ON	Opening direction-Right	

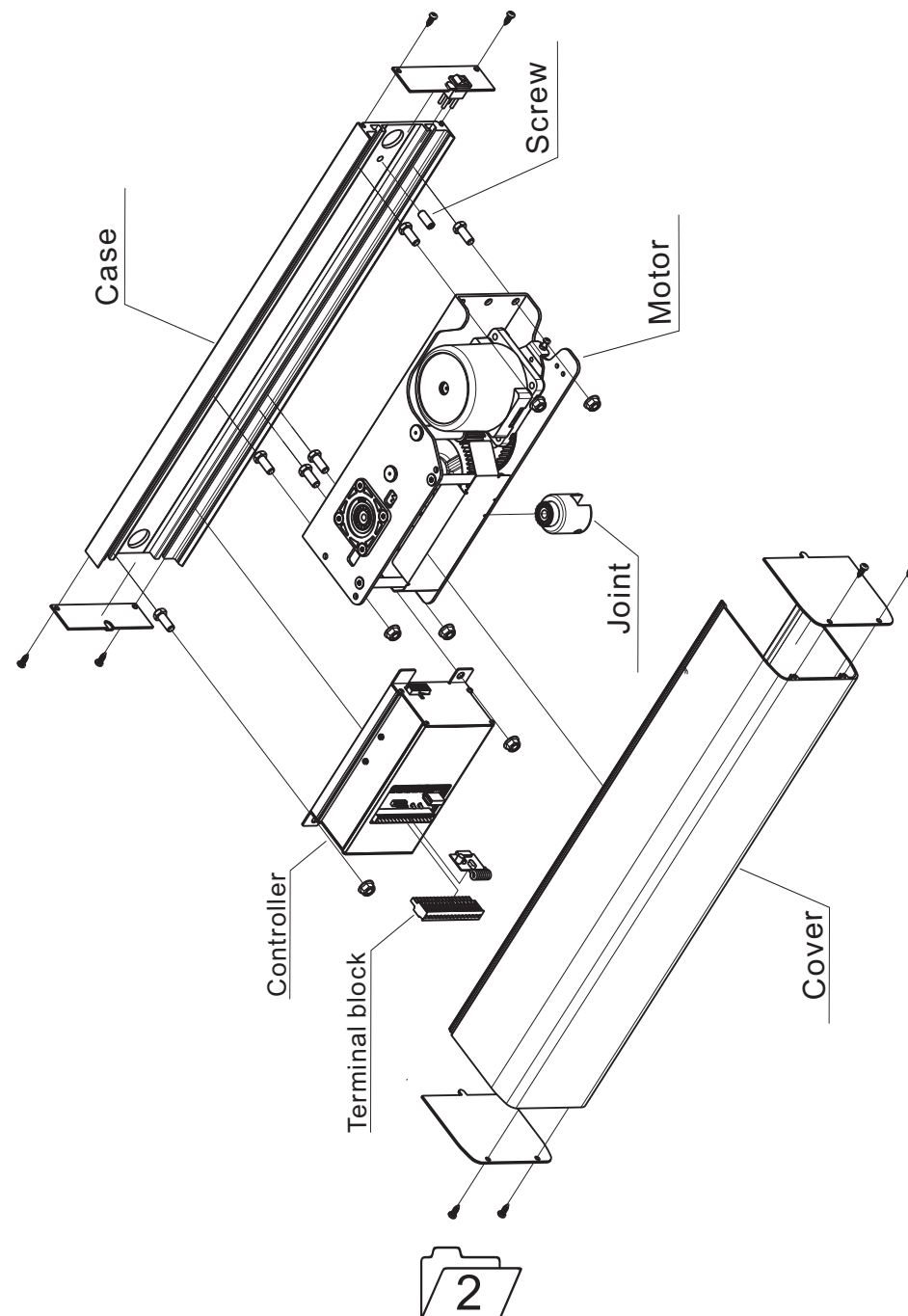
(DIP switch functions)



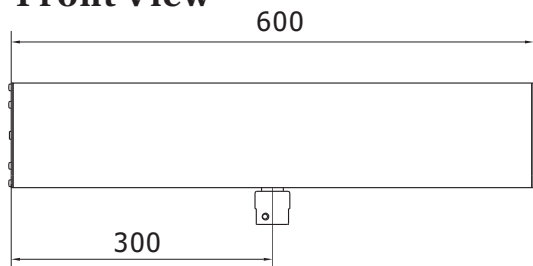
* ATTENTION:

When only use 1 unit operator,
the pin 5 and pin 6 must set to off state.

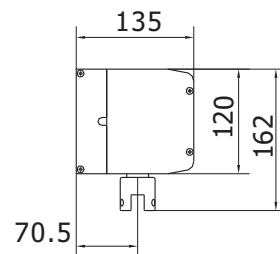
Note: ① Power to unlock (only continue 5 seconds)



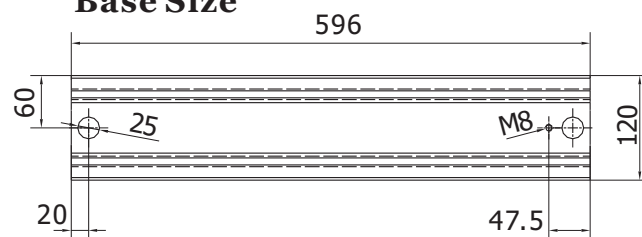
Front View



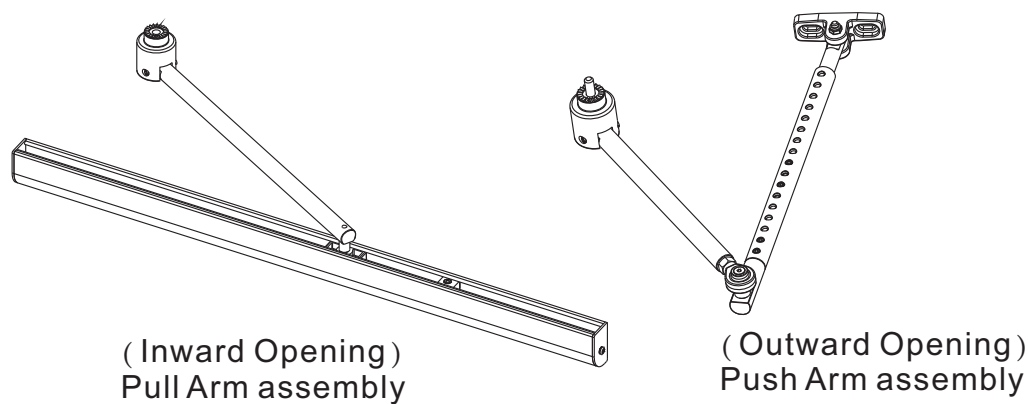
Side View



Base Size



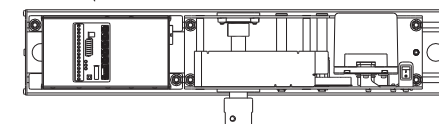
Every set of operator can use the Inward / Outward Arm assembly.



Operator

Controller

Motor



Joint

Motor has to be mounted the right side of the controller, no matter it's Outward/Inward/ Left Open/Right Open.

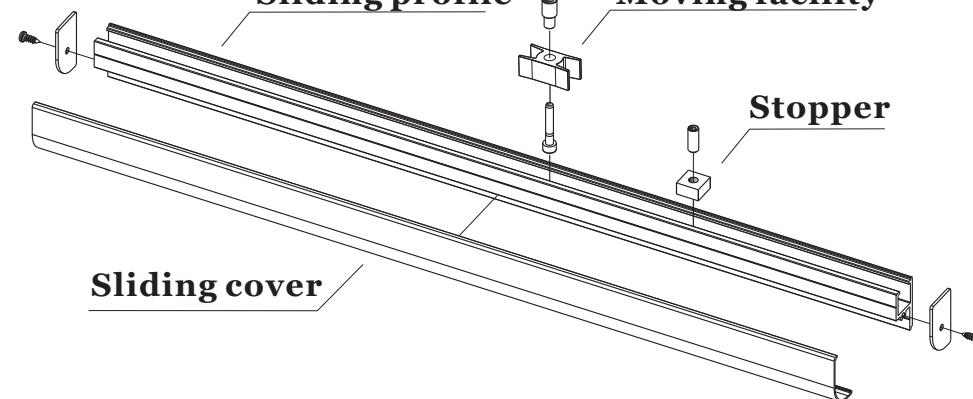
Inward Opening Pull Arm assembly

Sliding profile

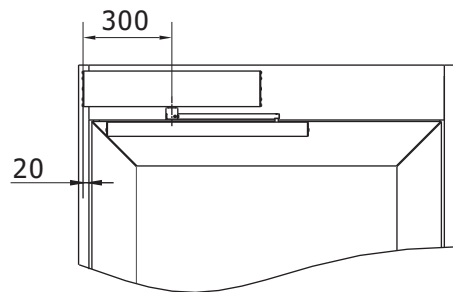
Moving facility

Stopper

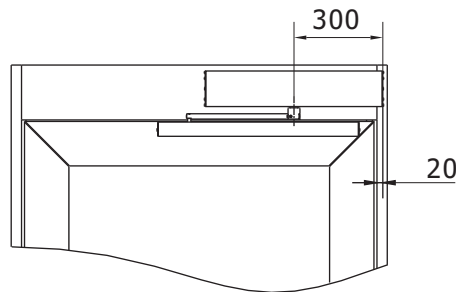
Sliding cover



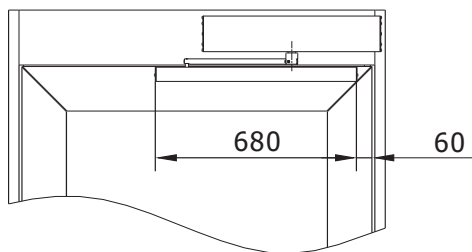
Left Open



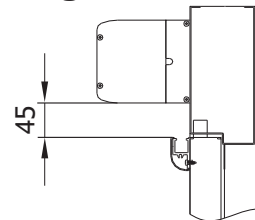
Right Open



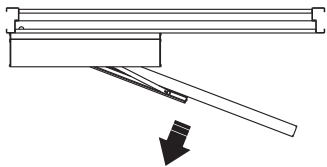
The position of mounting



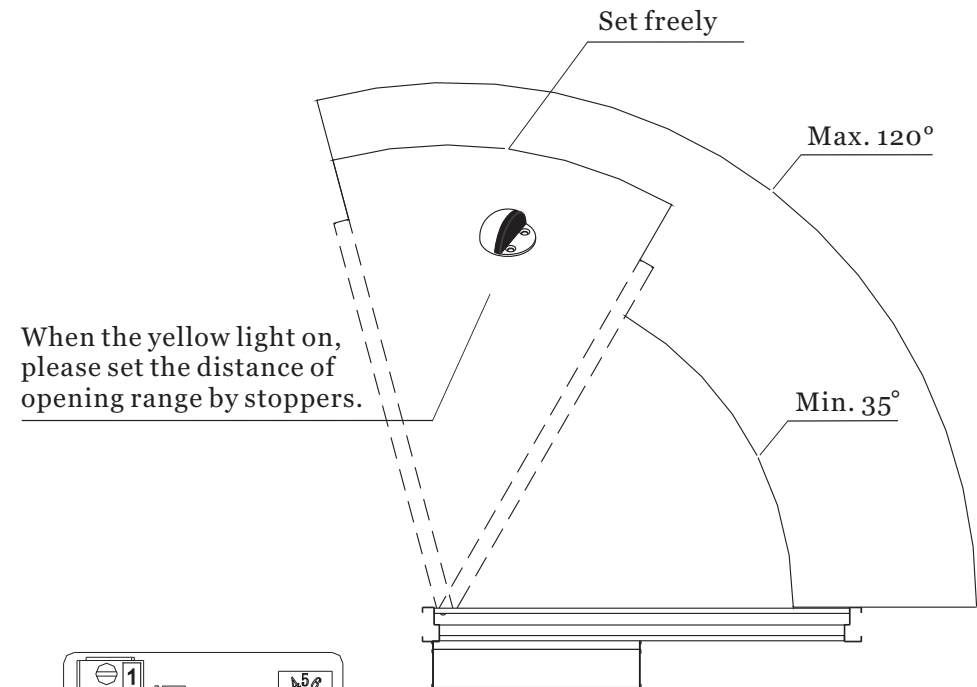
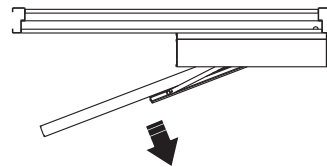
Mounting (Side View)



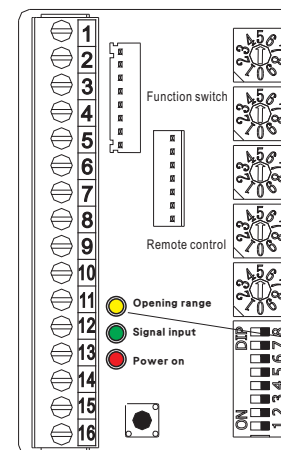
Mounting (eg.for Left Open,Top View)



Mounting (eg.for Right Open,Top View)



When the yellow light on,
please set the distance of
opening range by stoppers.



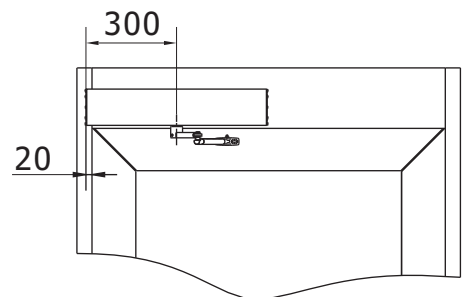
Yellow Opening Distance Setting:

The yellow light on then start set door opening range.

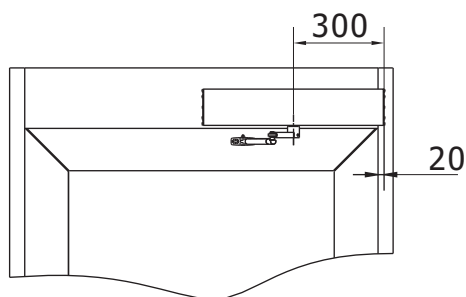
P.S. The max. Of the opening range is 120°

When power on the auto start opening range setting mode.

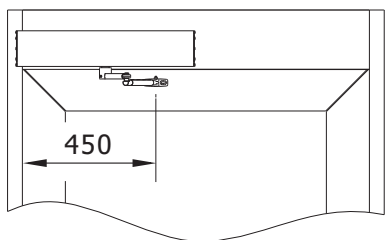
Left Open



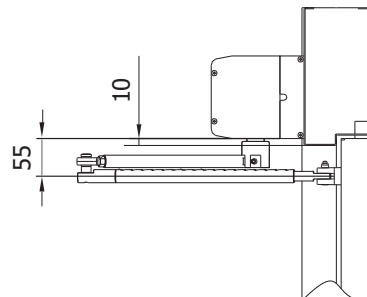
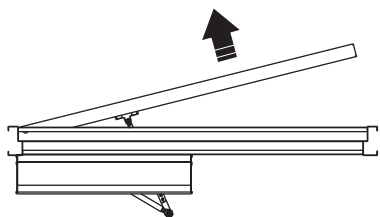
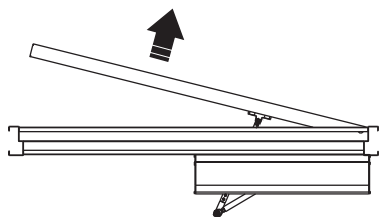
Right Open



The position of mounting



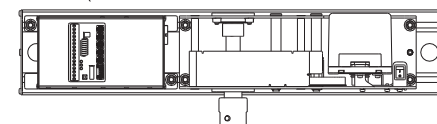
Mounting (Side View)

Mounting
(eg.for left Open,Top View)Mounting
(eg.for Right Open,Top View)

Operator

Controller

Motor



Motor has to be mounted the right side
of the controller, no matter it's
Outward/Inward/ Left Open/Right Open.

Joint

Inward Opening
Push Arm assembly