



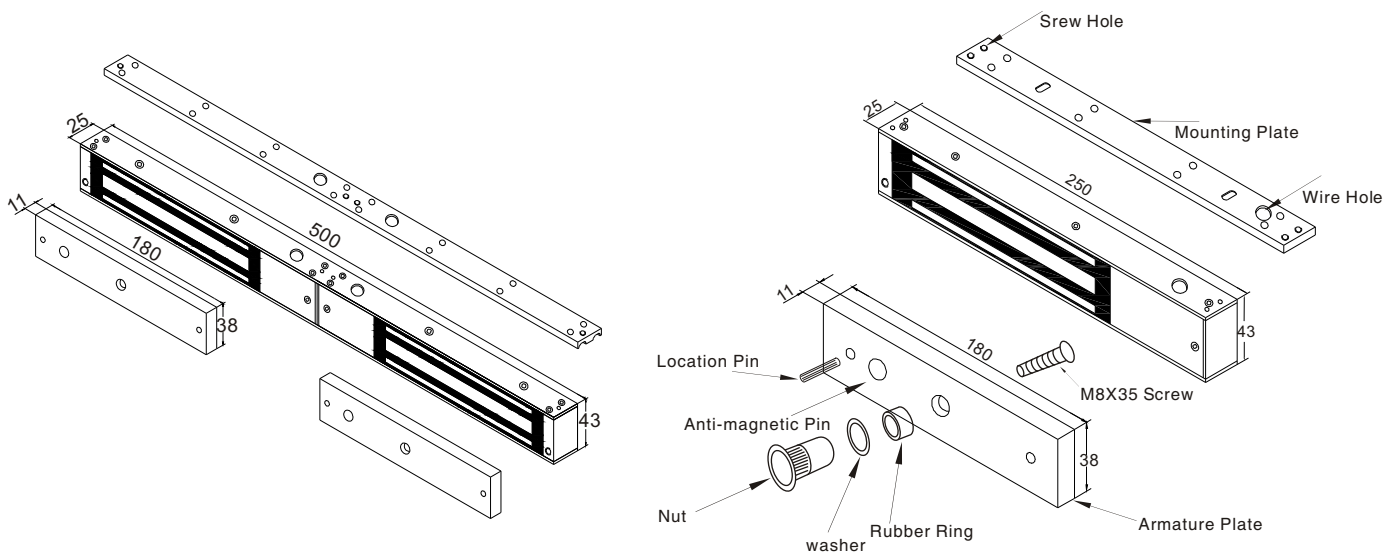
280kg Magnetic Lock

## 280kg Magnetic Lock Manuel

### Specification

Model	Size(unit:mm)	Voltage	Current	Holding Force	Lock Signal	Door Signal	Door
YM-280	250Lx48.5Wx25H	12/24VDC	12V/500mA 24V/250mA	280kg(600Lbs)	No	No	Single Door
YM-280D	500Lx48.5Wx25H	12/24VDC	12V/500mAx2 24V/250mAx2	280kgx2(600Lbsx2)	No	No	Double Door
YM-280(LED)	250Lx48.5Wx25H	12/24VDC	12V/500mA 24V/250mA	280kg(600Lbs)	Yes	No	Single Door
YM-280(LED)-DS	250Lx48.5Wx25H	12/24VDC	12V/500mA 24V/250mA	280kg(600Lbs)	Yes	NO(B),NC(R) COM(Y)	Single Door
YM-280D(LED)	500Lx48.5Wx25H	12/24VDC	12V/500mAx2 24V/250mAx2	280kgx2(600Lbsx2)	Yes	No	Double Door
YM-280D(LED)-DS	500Lx48.5Wx25H	12/24VDC	12V/500mAx2 24V/250mAx2	280kgx2(600Lbsx2)	Yes	NO(B),NC(R) COM(Y)	Double Door
YM-280T(LED)	250Lx48.5Wx25H	12/24VDC	12V/500mA 24V/250mA	280kg(600Lbs)	Yes	No	Single Door
YM-280TD(LED)	500Lx48.5Wx25H	12/24VDC	12V/500mAx2 24V/250mAx2	280kgx2(600Lbsx2)	Yes	No	Double Door

### Diagram(unit:mm)



#### ⚠ Remark:

A: Please Don't Fix The Screw(screw of Armature Plate) Tightly,  
Let The Rubber Ring Maintain Proper Elasticity.

B: Please Check The Jumper Position, to Know Voltage is 12VDC or 24VDC.



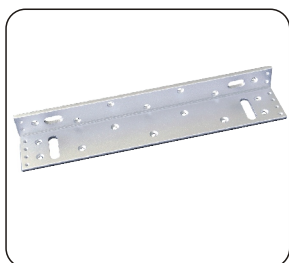
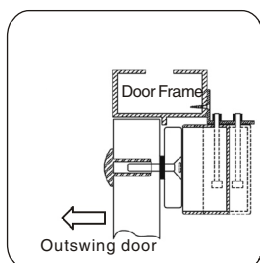
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## Bracket Installation

Different brackets are available according to different types of doors. For example, narrow door, frameless glass door and inward opening door.

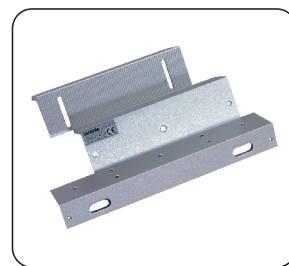
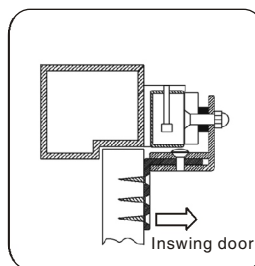
### L Bracket

When the door frame thickness is less than 42mm, need to install the L bracket.



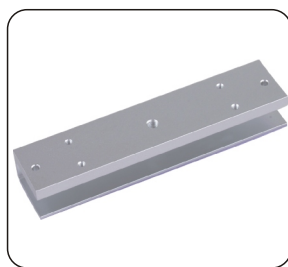
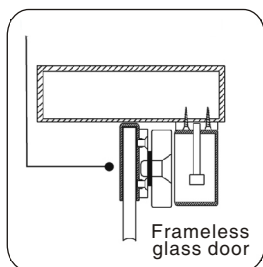
### ZL Bracket

For inward opening door, need to install the ZL bracket.



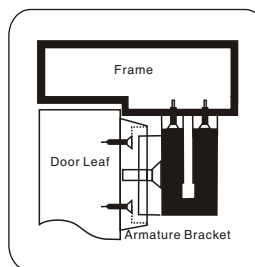
### U Bracket

For the frameless glass door, need to install the UL bracket. (suitable for 10-15mm glassdoor).



### I Bracket for Amature Plate

When the door frame is too thick, need to install the I bracket.





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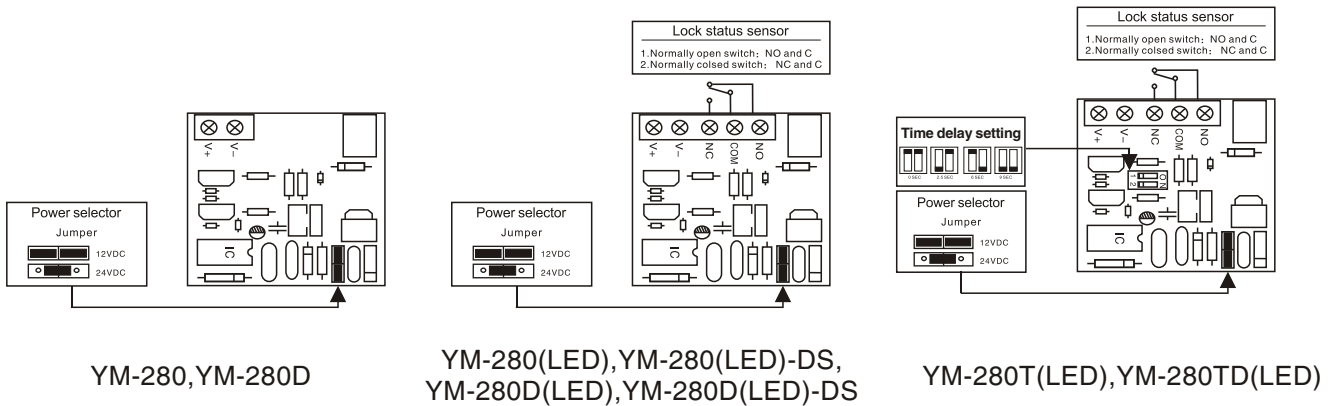
### Circuit Board Diagram

#### A. 12VDC Input:

Required power 0.5Amp(Minimum).  
 Connect the positive(+)lead from a 12VDC power source to V +.  
 Connect the ground(-)lead from a 12VDC power source to V -.  
 Check jumper for 12 VDC operation.

#### B. 24VDC Input:

Required power 0.25Amp(Minimum).  
 Connect the positive(+)lead from a 24VDC power source to V +.  
 Connect the ground(-)lead from a 24VDC power source to V -.  
 Check jumper for 24 VDC operation.



### Wire Connection

