# 180kg Magnetic Lock Manual

## Specification

| Model | Size(unit:mm) | Voltage | Current | Holding Force | Signal Output | Door |
|---|---|---|---|---|---|---|
| YM-180 | 170Lx41.4Wx20.5H | 12/24VDC | 12V/300mA 24V/150mA | 180kg(350Lbs) | No | Single Door |
| YM-180D | 340Lx41.4Wx20.5H | 12/24VDC | 12V/300mA 24V/150mA | 180kgx2(350Lbsx2) | No | Double Door |
| YM-180-S | 183Lx41.4Wx20.5H | 12/24VDC | 12V/300mA 24V/150mA | 180kg(350Lbs) | Yes | Single Door |
| YM-180D-S | 366Lx41.4Wx20.5H | 12/24VDC | 12V/300mA 24V/150mA | 180kgx2(350Lbsx2) | Yes | Double Door |

## Diagram (unit:mm)
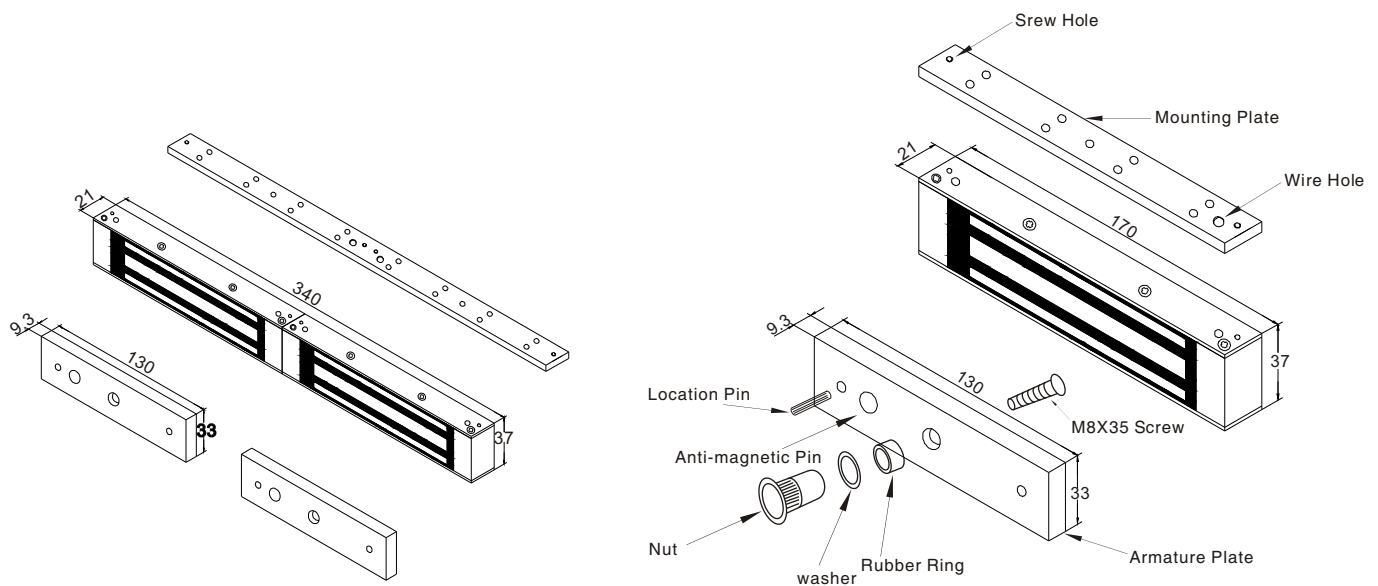


⚠ **Remark:**

A: Please don`t fix the screw(screw of armature plate) tightly, let the rubber ring maintain proper elasticity.

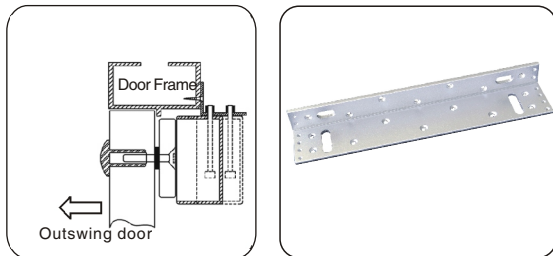B: Please check the jumper position, to know voltage is 12VDC or 24VDC.

## Bracket Installation

Different brackets are available according to different types of doors. For example, norrow door frame door, frameless glass door and inward opening door.
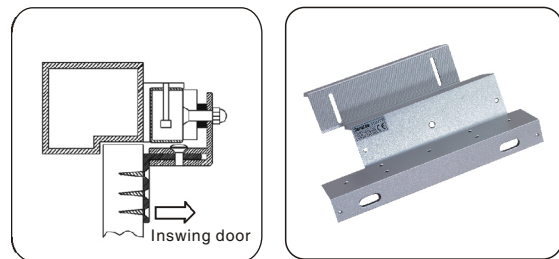
### L Bracket

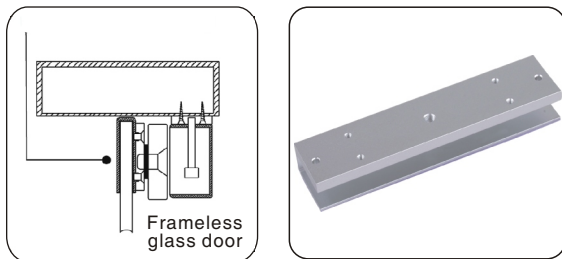When the door frame thickness is less than 42mm, need to install the L bracket.



Door Frame

Outswing door

### ZL Bracket

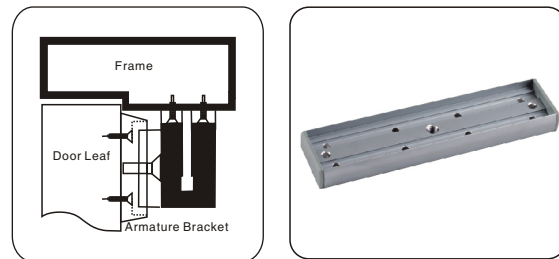For inward opening door, need to install the ZL bracket.



Inswing door

### U Bracket

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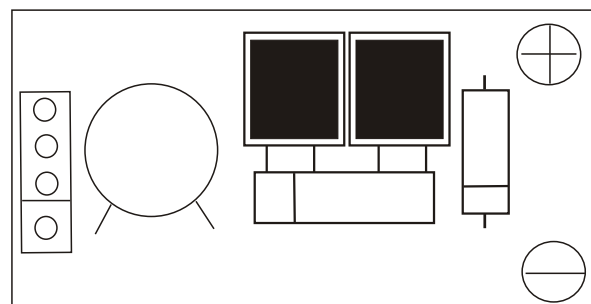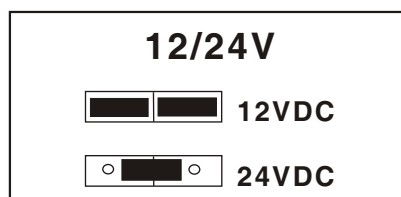(suitable for 10-15mm glassdoor) .



Frameless glass door

### Bracket for Amature Plate

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



Frame

Door Leaf

Armature Bracket

## Circuit Board Diagram

**12/24V**

12VDC

24VDC

## Wire Connection



ELECTRIC DOOR BELL

ACCESS CONTROL

POWER SUPPLY

| H | N.C | L | | N.O | | N.O | | + | − | N.C | COM | N.O |
| TAMPER | | | EG | GND | DOOR BELL | | 12 VDC | | | OUTPUT | |

Push | + | GND | N.C | GND | N.O
12V | | | OUTPUT 1

N.O. connect to door bell

ALARM SYSTEM

N.C.  HIGH POTENTIAL  LOW POTENTIAL

24 HOUR N.C PROTECTION ZONE

RELEASE BUTTON (INSIDE THE HOUSE)  N.O.

MORE RELEASE BUTTONS CAN BE CONNECTED IN PARALLEL  N.O.

ELECTROMAGNETIC LOCK

N.C

− +
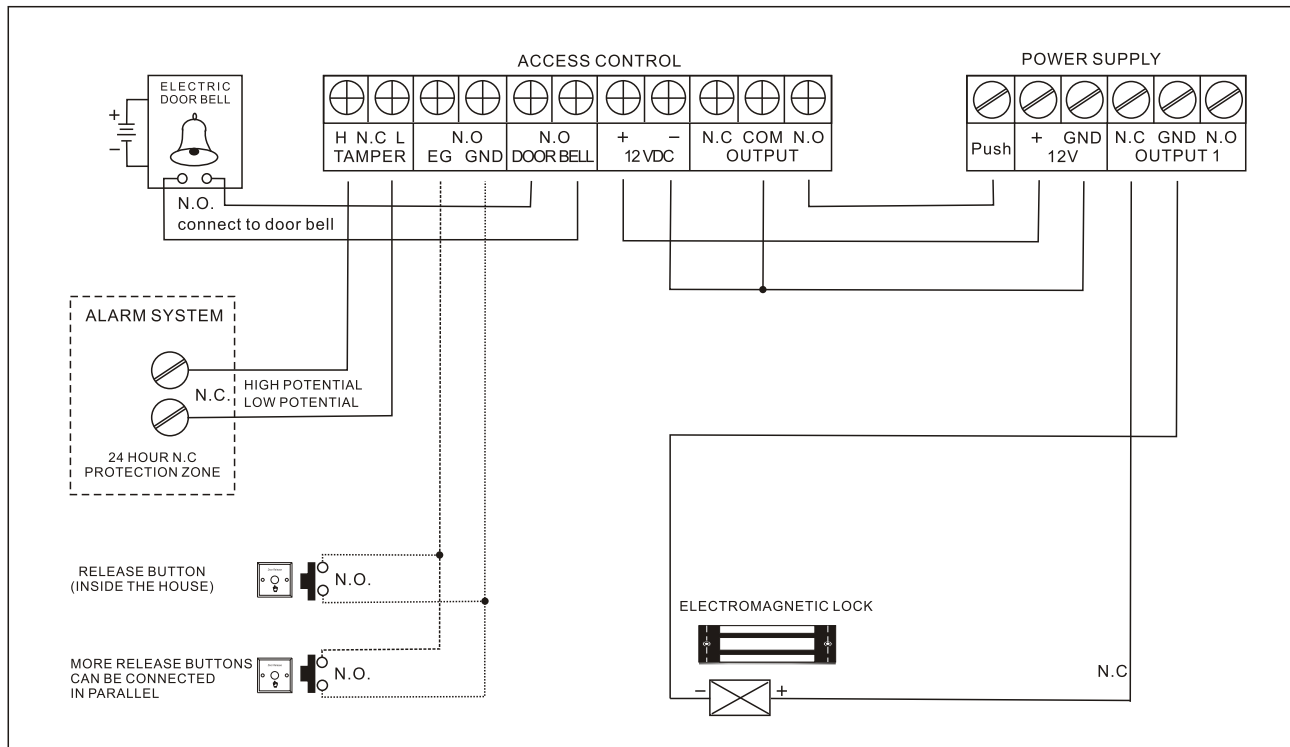
⚠️ **NOTE:**

Please Read Specification Before Attempting To Install Magnetic Lock

A. Handle the equipment with care, damaging the mating surfaces of the magnet or armature plate may reduce locking efficiency.

B. The magnet mounts rigidly to the door frame. The armature plate mounts to the door with hardware. Kit provided that allows it to pivot about its center to compensate for door wear and misalignment.

C. Template must take place with the door in its normally closed position.

D. Please tuist screws of magnetic lock firmly

E. Detect signal of Door stute: The Limit of Dry reed and Dry contact is 0.5A/30VDC, Don,t overload.