

Introduction

The company supplies include 180KG 280KG 320KG so many different specifications of the products tensile strength; with lock status indicator,with unlock delay,with feedback and so on features;hanging and embadded types of avariety of different ways to install a full range of magnetic locks,Compatible include access control system,building intercom control systems, fire control systems and so on any access control system.Suitable for installation in fire doors,on almost all types of wooden doors,stainless steel doors,steel doors,glass doors frames,The modular design makes the product more functions easily implement the installation,upgrade,and maintenance.

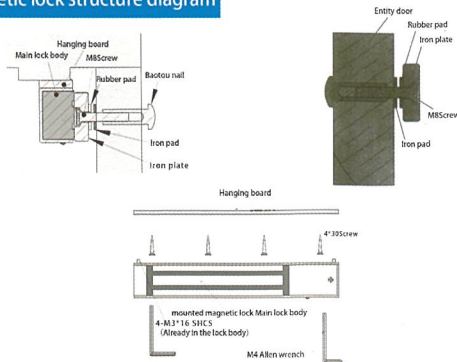
☆ Please read the following before installing the magnetic lock :

- A. Carefully lift to avoid damage to the surface of the magnetic lock or iron block and reduce its function
- B. Be sure to fix the magnetic lock on the door frame, and then attach the iron block to the door leaf with the additional screw package parts. If the door cannot be closed, move the iron block slightly, and match the magnetic lock on the door with the iron block as the center.
- C. This device can be used normally when the door is closed.
- D. All screws are locked.

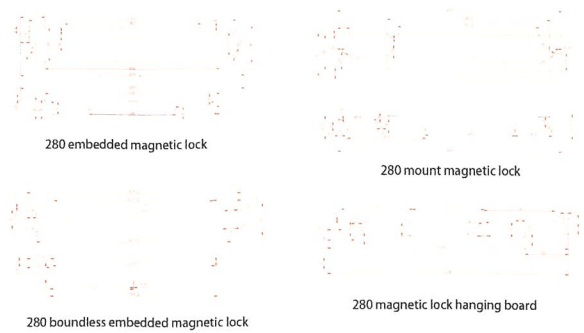
☆ Electrical parameter :

- A. Pull type : 280GD.280A.280GF.280GX.280AA.280G.280GSX.280GS.280GSF
- B. Operating Voltage : 12VDC Working current : 330~500mA
- C. Operating Voltage : 24VDC Working current : 420~500mA
- D. Way of working : Power on lock, power off and unlock.
- E. Installation method : concealed(A).mounted(G)
- F. Additional features : indicator light(D).feedback(F).delay(X).waterproof(G)

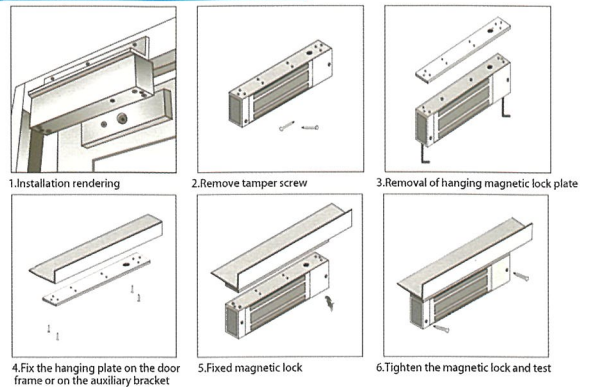
Magnetic lock structure diagram



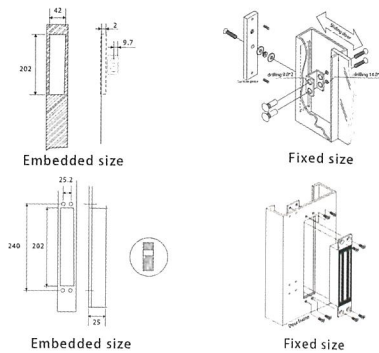
Dimensional drawing



Magnetic lock installation diagram



Concealed magnetic lock Installation diagram

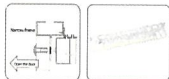


Optional auxiliary bracket

Different auxiliary brackets are used according to different types of door frames. For example, doors with narrow door frames, frameless glass doors, inward opening doors, etc.

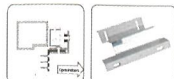
L-shaped auxiliary bracket

L-shaped auxiliary bracket
When the door frame width is lower than 42MM,
if there is not enough width to install the magnetic
lock suction plate, an L-shaped bracket is required.



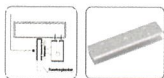
ZL auxiliary bracket

ZL auxiliary bracket
If the inner opening type door is installed in the door, the ZL type auxiliary bracket is required.



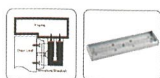
U-shaped auxiliary bracket

If the door is a glass door, a U-shaped auxiliary bracket (for 10-15mm glass door) is required.

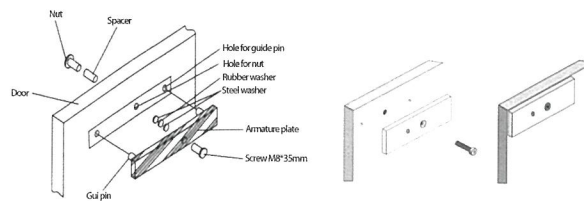


Suction plate mounting bracket

If the door leaf is too thick, the suction plate needs to be equipped with a tray

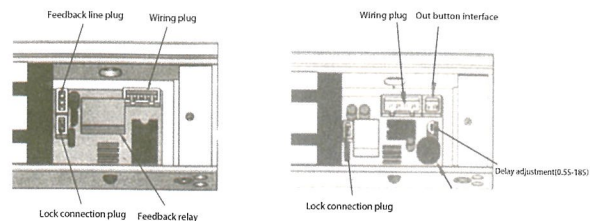


Iron plate installation



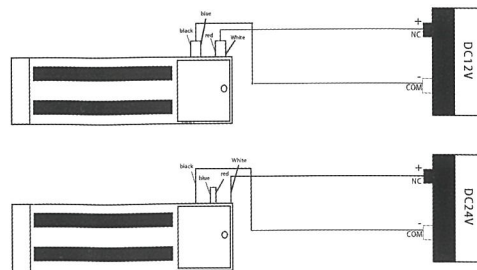
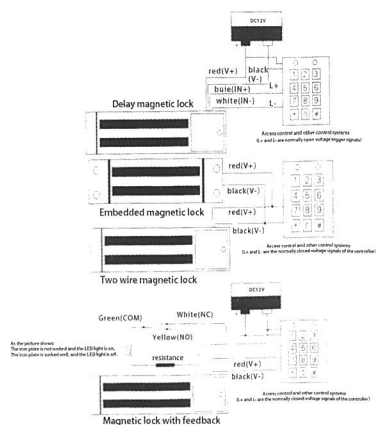
Note: Do not screw the iron plate too tightly, and leave the rubber washer elastic, so that the suction plate can be automatically adjusted to match the magnetic lock..

Circuit board structure and wiring diagram



V+ Red line: positive electrode power supply
V- black line : negative electrode power supply
NO Yellow line: always open
COM Green line: open end
NC White line: normally closed

V+ Red line: positive electrode power supply
V- black line : negative electrode power supply
IN+ blue line: unlock positive
IN- White line: unlock the negative pole



Ordinary 4-wire magnetic lock

Typical installation method

