



## Magnetic key lock with 600LBS or 280KG concealed key lock with LED

Magnetic retractable lock with a holding force of 600 pounds  
(280 kg) per door

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## Advanatge product

- Load test Collinear 280kg, 600pounds.
- Double voltage 12 or 24 VDC (optional).
- The standard voltage is 12VDC at the end.
- MOV provides reverse current protection.
- Suitable for wooden doors, glass doors, metal doors, fire doors.
- LED Indicates the status of the door.
- Blocking status sensor (NO / NC / COM)
- Door status sensor (NO / NC / COM)
- Designed anti-residual magnetism.
- High strength material, anodised aluminum housing.
- Design without mechanical failures.
- Increase the holding force, double insulating housing.
- CE certificate from the European Union, MA Certificate of the China Public Security Office

Detailed images, OEM / ODM available

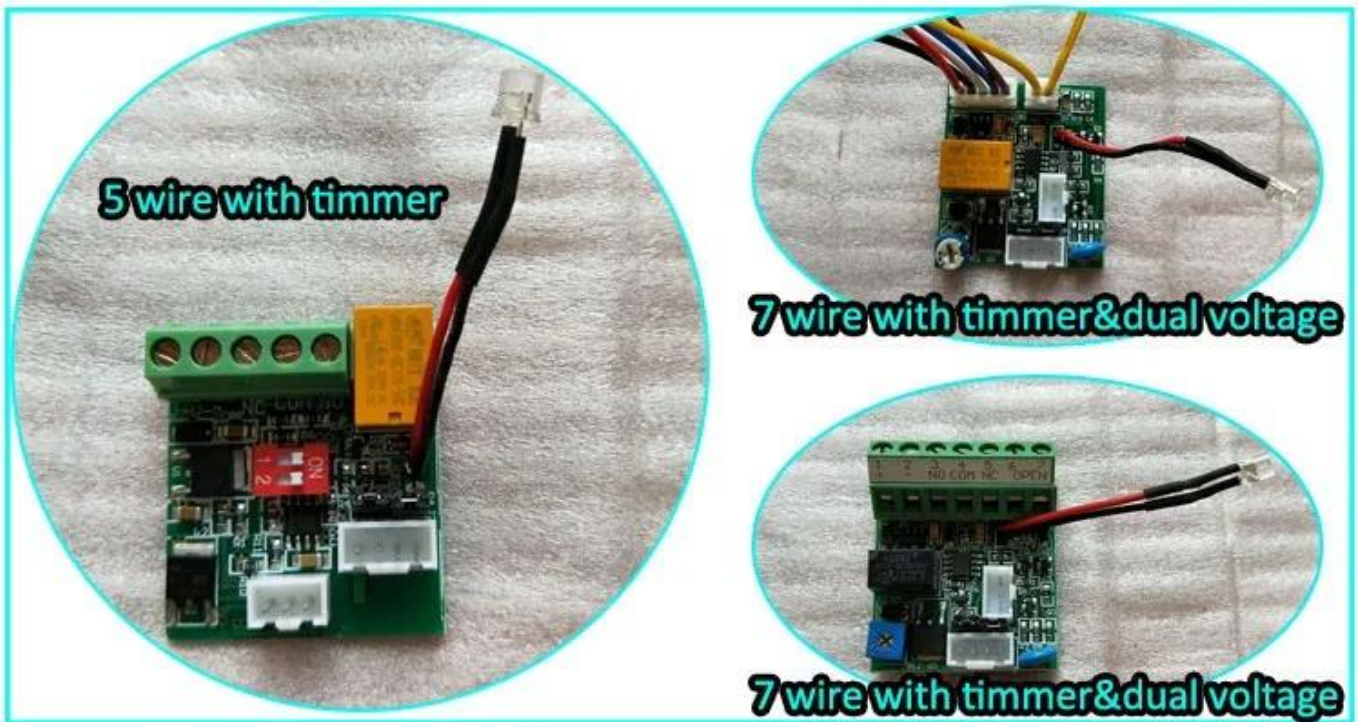






Our lock is with LED light to show the working statue, the light is green when it is locked, red when unlocked . The statue of light can be changed.

ACM-Y280N is with signal output. The PCB board can be customized. We can realize the block with 12 V and 24 V double-voltage and with 7-wire connection. Below the picture is the optional PCB board. If you want to customize the lock, please tell us your detail request, we will send you your detail quote after knowing all your needs.



## Quality assurance

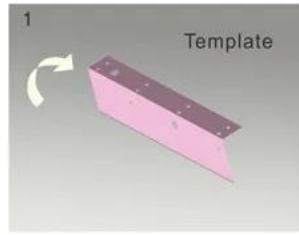
- The warranty service will be honored if the damage is not caused by human, ACM Goldbridge provides 2 years warranty for related products.
- On the contrary, ACM Goldbridge will be filled with extra if repaired.

- More information, please consult our service center.

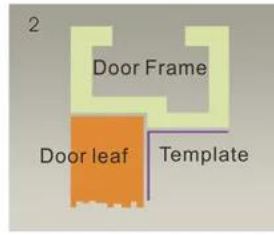
## Installation diagram

# STANDARD INSTALLATION STEPS

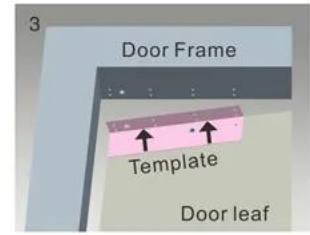
Professional guidance, Rest assured



1 Fold the plate to 90° .



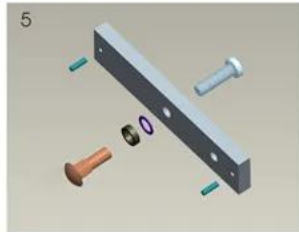
2 Close the door first, then place the upper side of template on door frame, while adjust the left side next to the door leaf.



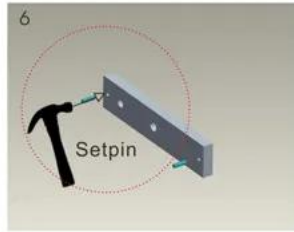
3 Mark screw positions of armature plate and magnetic lock on door leaf and door frame respectively.



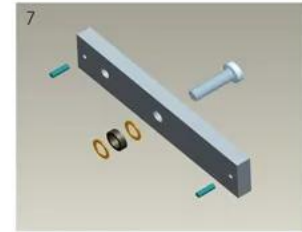
4 Drill holes based on the marked positions.



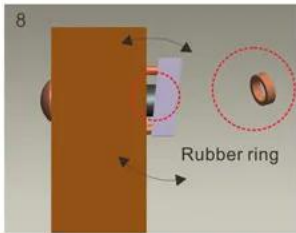
5 Make a combination based on the picture.



6 Strike the pin into the armature plate slightly (to avoid movement).



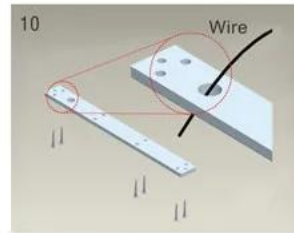
7 Make a combination based on the picture (add washer accordingly). The rubber ring must be added.



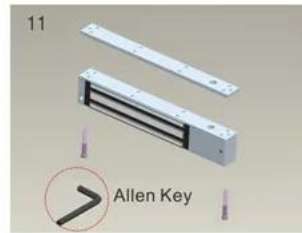
8 Place the rubber ring between armature plate and door leaf.



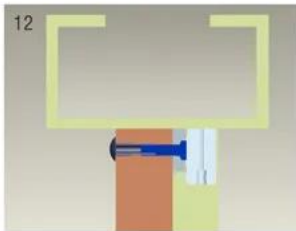
9 Use Allen key to remove the mounting plate from lock body.



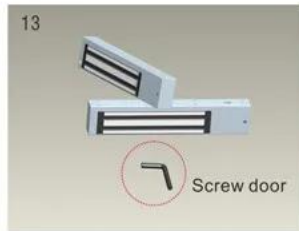
10 Fix the mounting plate on the door frame according to the holes drilled earlier.



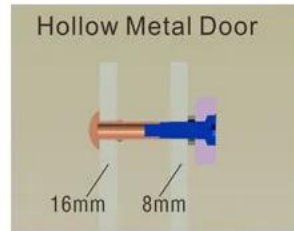
11 Use Allen key to screw the lock body on the mounting plate.



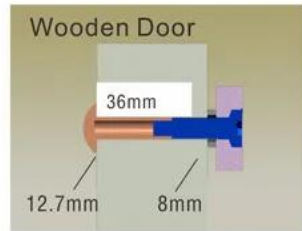
12 Close the door to test holding force. The angle between armature plate and magnetic lock can be adjusted by adding or reducing washers.



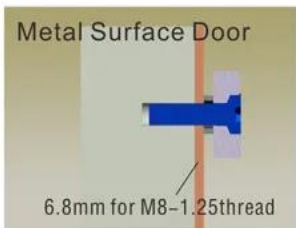
13 After all the appropriate procedures, the holding force can be maximized. Finally, fix the tamper screw.



Hollow Metal Door  
Drill a hole  
Inside: Diameter is 8mm  
Outside: Diameter is 16mm



Wooden Door  
Drill a hole  
Inside: Diameter is 8mm  
Outside: Diameter is 12.7mm



Metal Surface Door  
6.8mm for M8-1.25thread  
Inside: Drill a hole diameter is 8mm folding the plastic straight pin

## Notice:

Thickness of Door Leaf:

350LBS: 44mm

600LBS: 50mm

800LBS: 48mm

1200LBS: 46mm

## Packing & Delivery

### Shipping method

We have a strong partnership with DHL, FEDEX, TNT, UPS, EMS, SEA and By AIR Forwarders  
You can also choose your shipping forwarder.

### package

Packing with magnetic lock: 1 unit per box, 10 pieces per carton,  
Carton size: 35\* 30 \* 16 cm, gross weight: 24kg. 50 cartons per pallet



## You may need



### **ACM-Y280N**

Backplate magnetic lock  
(280kgs/600lbs) Suitable For: Wooden  
Door, Glass Door, Metal Door, Fire|  
Proof Door

## ACM-Y180

Surface mounted (180kg/300lbs)  
magnetic lock 2Bolts Fail safe.Suitable  
For: Wooden Door, Glass Door, Metal  
Door, Fire Proof Door.

## ACM-Y280

280kg(600lbs) Single Door magnetic  
Lock Suitable For: Wooden Door, Glass  
Door, Metal Door, Fire Proof Door.



## ACM-Y280-L

L Bracket for 280kg/350kg Magnetic  
Lock

### **ACM-Y180ZL**

ZL Bracket for 180kg/300lbs Magnetic  
Lock

### **ACM-Y280-ZL**

ZL Bracket for 280Kg/350Kg Magnetic  
Lock

## Our Service

- 1, Any inquires will be replied within 24 hours
- 2, Professional manufacturer and supplier, Welcome to visit our website and our factory
- 3, OEM/ODM Available
- 4, High quality, fashin desing, reasonable & competitive price, fast lead time
- 5, After-sale Service :
  - 1), All products will have been strictly quality checked in house before packing
  - 2), All products will be well packed before shipping
  - 3), All our products have 2-3 year warranty if the damage is not caused by human
- 6, Faster delivery : Around 1~ 5 days for sample order, 7~30 days for bulk order
- 7, Payment : You can pay for the order via : T/T, Western Union, Paypal.
- 8, Shipping: We have strong cooperation with DHL, FEDEX, TNT, UPS, EMS, Forwarder by SEA and By AIR, You also can choose your own shipping forwarder.

## FAQ

### **Q: 1. How can I place an order?**

A: Please list your requirement to us via email. Then we will send the offer to you at earliest time,after order confirmation, we will arrange production ASAP.

### **Q: 2.What about the payment and shipment?**

A: Trade Assurance and T/T ,Paypal, Western Union.  
Clients can choose by sea, air or express(DHL, FedEx, TNT UPS etc.)

### **Q: 3. How can i get a sample to check your quality?**

A:We could provide free sample to you, and the freight cost payed by you.

### **Q:4. How long can I expect to get the samples?**

A: It depends on the quantity. Normally 3-7 days for 5000pcs and 7-15 days for 100,000pcs

### **Q:5. Can your products be customized?**

A: Almost all of your products are customized ,including the materia, size, thickness and printing. OEM orders are highly welcome.

### **Q:6.Are you a trading company or factory?**

We are the one of the biggest manufacturer of RFID cards/NFC tags/RFID keybod /RFID wristband□rfid reader and access control products in China more than 20 years.

