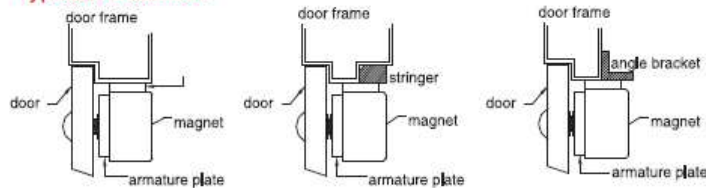


# Electromagnetic lock Instruction

**Important:** Please Read Before Attempting To Install Magnetic Lock.

- A Handle the equipment with care, damaging the mating surfaces of the magnet or armature plates 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 use must take place with the door in its normally closed position.
- D Firmly tighten all screws .

**Typical installation:**



Armature Plate Mounts To The Door



**Important:** Fix the armature plate not too tightly , and make the rubber washer more flexible , in order to make the armature plate automatically adjust proper position with the magnet.

## A 12V DC Input :

Required power 0.45axp(Maximum).  
Connect the ground (-)lead from a DC12V power source to terminal 2.  
Connect the positive (+)lead from a DC12V power source terminal 1.  
Check jumper for 12VDC operation.

## B 24VDC Input:

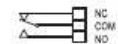
Require power 0.25axp(Maximum).  
Connect the ground (-)lead from a DC24Vpower source to terminal 2..  
Connect the positive(+)lead from a DC24V power source to terminal 1.  
Check jumper for DC 24V operation.

## C latch sensor wiring method:

DC24V/1amp, Please note-Do NOT over load  
If you require a normally open switch ,connect the wires from the system to terminal 4 and terminal 3.  
If you require a normally closed switch,connect the wires from the system to terminal 4and terminal 5.

## D Door sensor wiring method (optional)

- A. If a normally open signal is needed, please connect the gray and green wires.
- B. if a normally close signal is needed, please connect the gray and orange wires.



The installation of armature is not properly aligned to the lock.

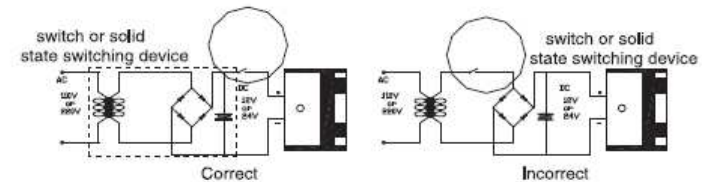


The installation of armature is properly aligned to the lock.



**Important :**

- 1 The product should only be powered by a UL listed power supply.
- 2 If power switch is not wired between DC source voltage and magnet ,it will take a longer time to de-energize the magnet Simulating residual magnetism(see below).



## wiring chart

