

MAGLOC100S Magnetic Lock Wiring Instructions

A. 12VDC input :

Required power 0.5 amp (Maximum)

Connect the ground (-) lead from a 12VDC power source to terminal 2.

Connect the positive (+) lead from a 12VDC power source to terminal 1.

Check jumper for 12VDC operation.

B. 24VDC input :

Required power 0.25 amp (Maximum)

Connect the ground (-) lead from a 24VDC power source to terminal 2.

Connect the positive (+) lead from a 24VDC power source to terminal 1.

Check jumper for 24VDC operation.

C. Contacts:

Relay dry contacts are rated 1 amp at 24VDC for safe operation, do not exceed this rating.

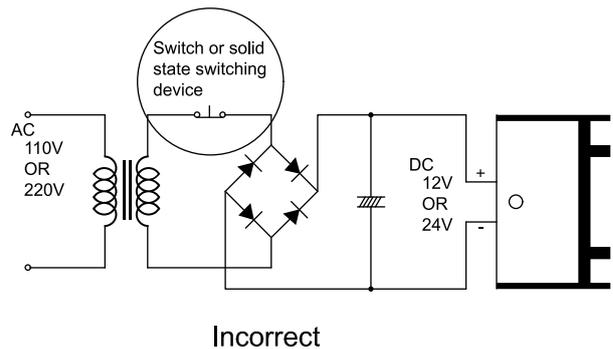
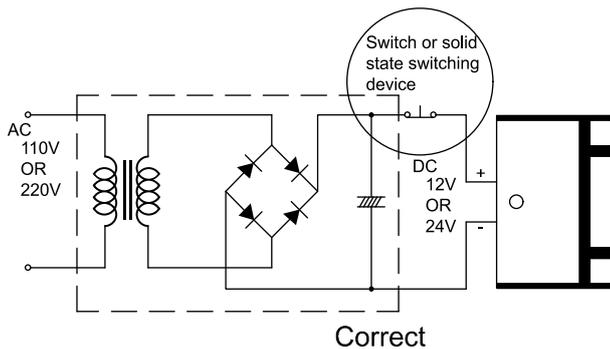
If you required a normally open switch, connect the wires from the system to terminal 4 and terminal 3.

If you required a normally closed switch, connect the wires from the system to terminal 4 and terminal 5.

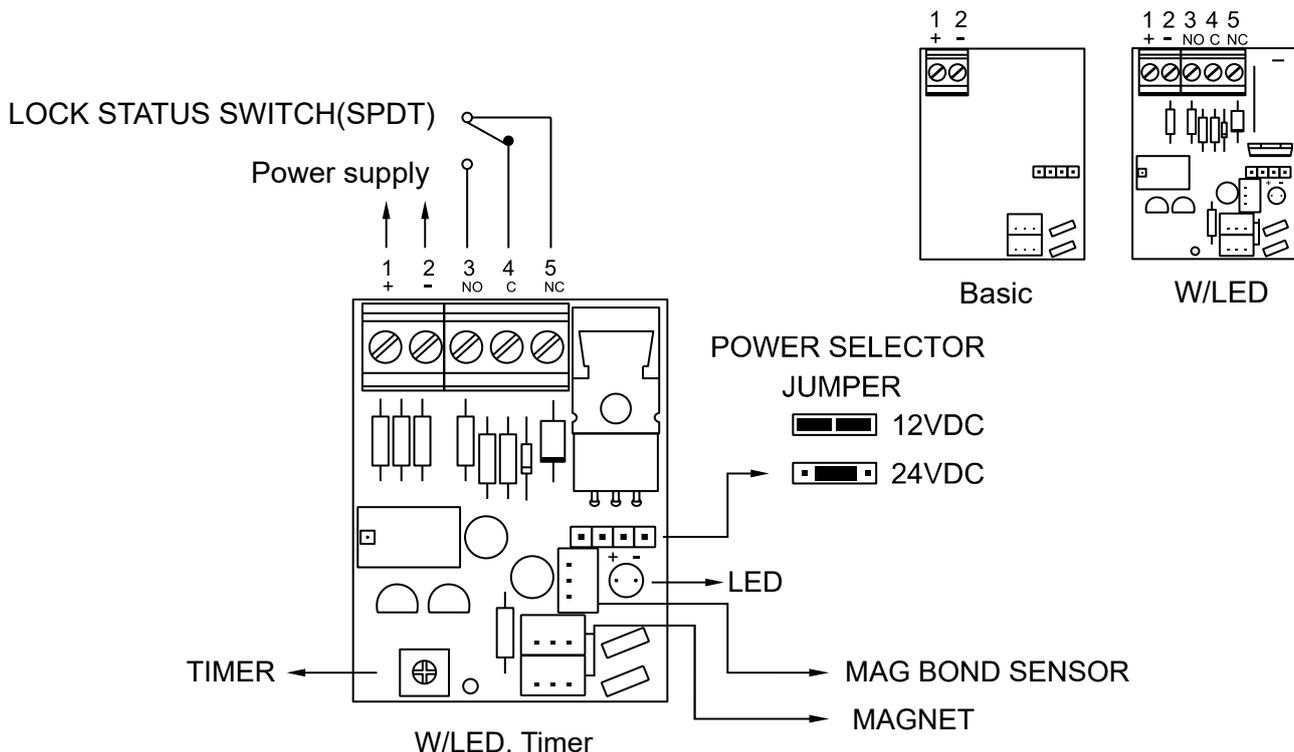
Important!

1. The product should only be power 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)



Printed Circuit Board Schematic

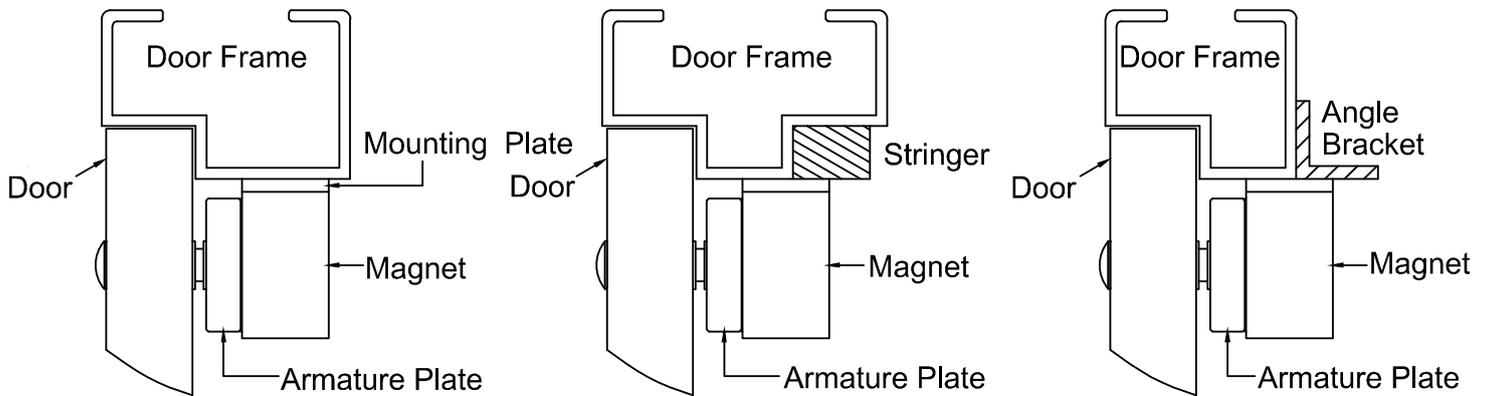


Installation Instructions For MAGLOC100S

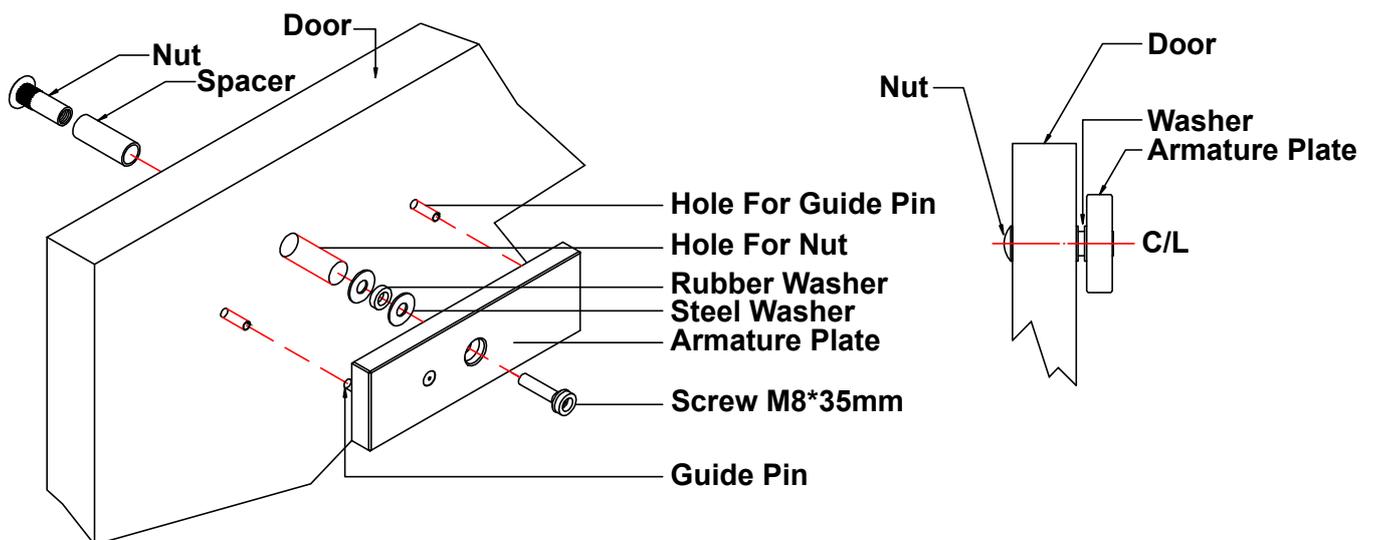
IMPORTANT: Please Read Before Attempting To Install Magnetic Lock

- A. Handle the equipment with care. Damaging the mating surface 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. The kit provided 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. Before installing, add the threadlocker to all screws. Firmly tighten the screws to avoid loosening.

Typical Installation:



Armature Plate Door Mount:



Important : Do not fix the armature plate too tightly. Make the rubber washer flexible, in order to ensure the armature plate automatically adjusts to its proper position with the magnet.