

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:

Require power 0.25 amp (Maximum).

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

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

Check jumper for 24VDC operation

C. Contacts:

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

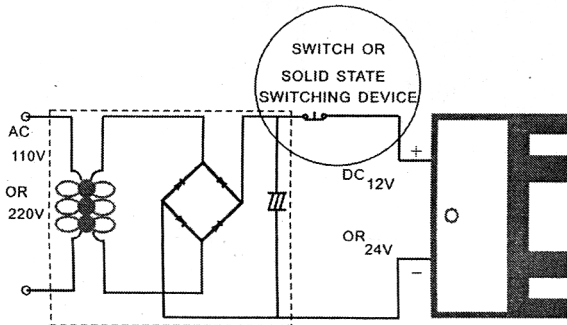
If you require a normally open switch, connect the wires from the system to terminal 4 and terminal 3.

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

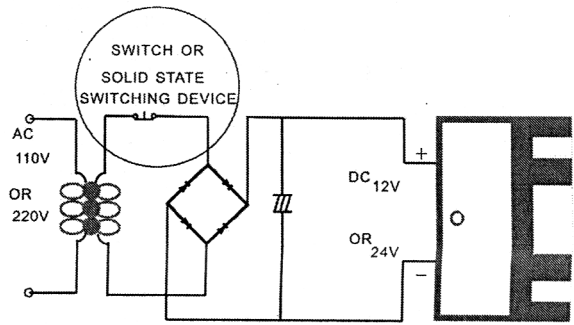
Important!

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)



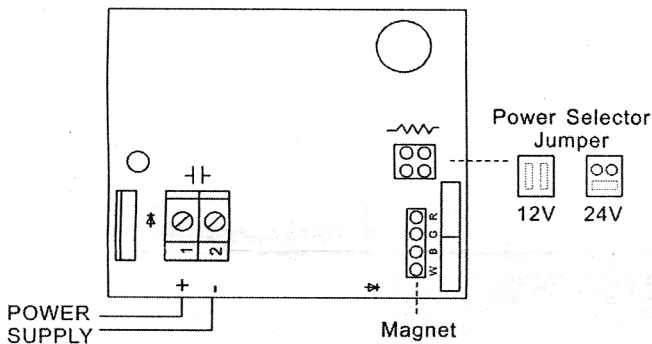
Correct



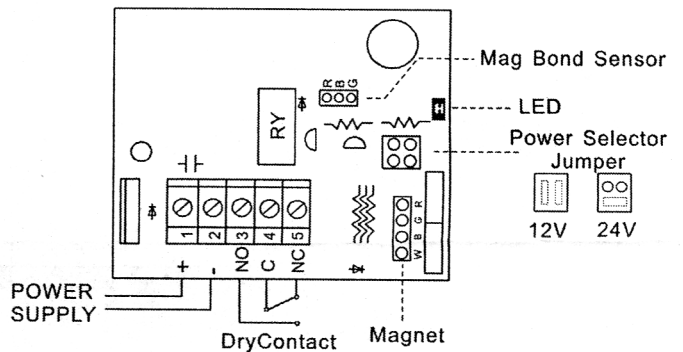
Incorrect

Printed Circuit Board Schematic

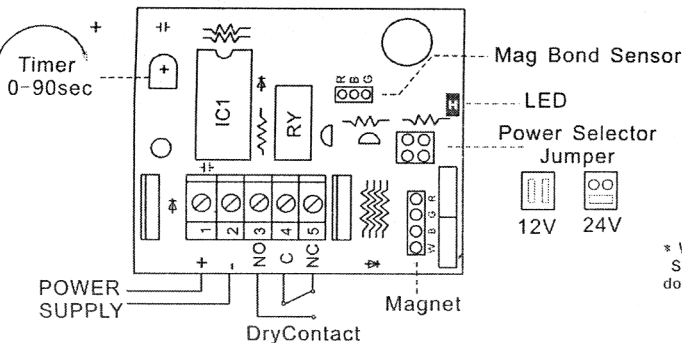
Basic



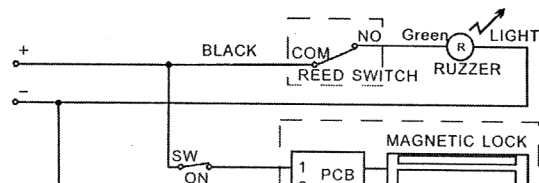
Lock Status Sensor



Lock Status Sensor, Timer



DOOR STATUS SENSOR



* When "SW" is OFF, the Door Status Sensor (REED SWITCH) detect if the door is well closed.

