

ML Series 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 :

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

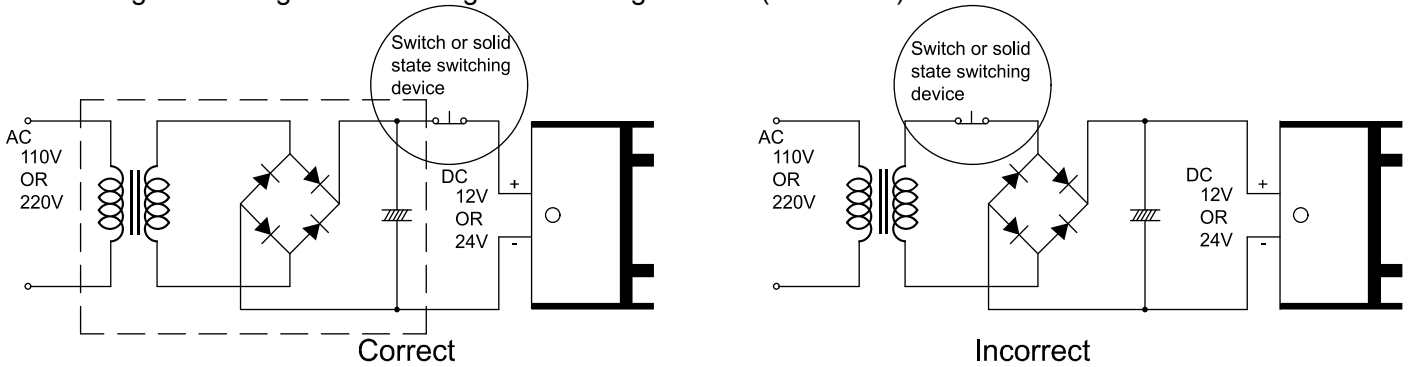
If you required a normally open switch, connect the wires from the system to terminal 4 and terminal 3.

If you required a normally open 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 volatge and magnet, it will take a longer time to de-energize the magnets simulating residual magnetism. (see below)



Printed Circuit Board Schematic

Model# Features shown in Parenthesis Below :

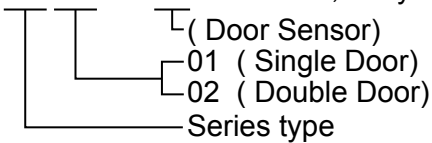
ML x x Basic

ML x x T With 0-90 second time

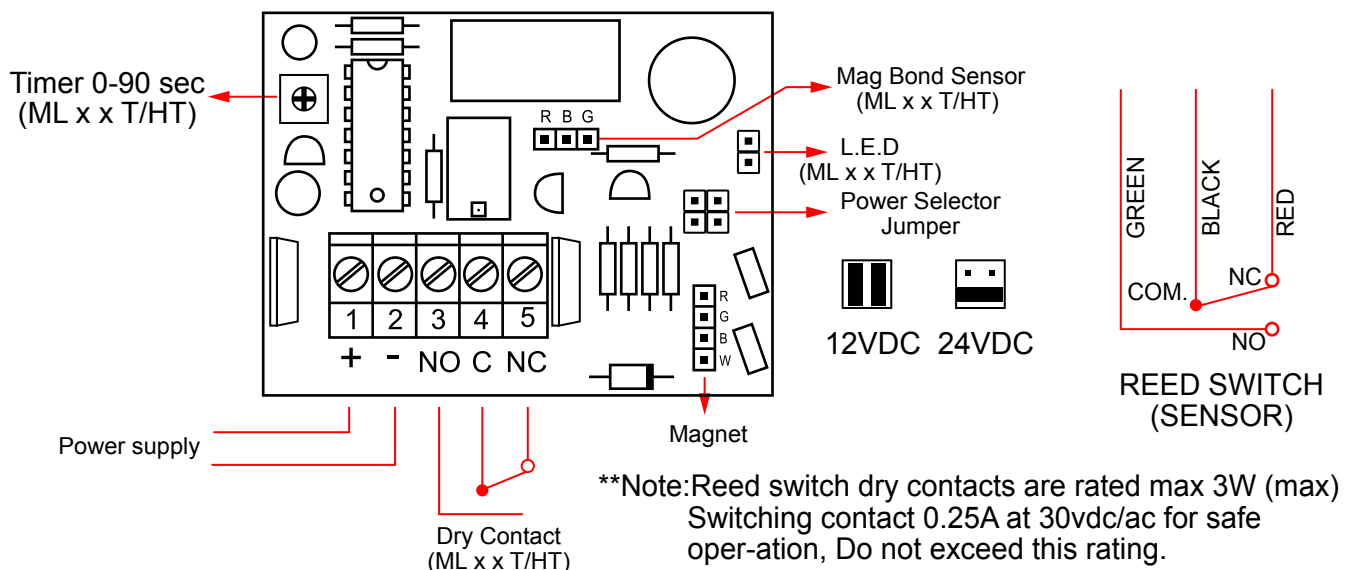
ML x x H With Led, relay dry contact and mag bond sensor.

ML x x HT With Led, relay dry contact and mag bond sensor and 0-90 second timer.

ML x x HT-DS With Led, relay dry contact and mag bond sensor, 0-90 second timer and door sensor.



** Note:Choice of 12VDC or 24VDC standard (Specify when ordering).



**Note:Reed switch dry contacts are rated max 3W (max) Switching contact 0.25A at 30vdc/ac for safe operation, Do not exceed this rating.