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.

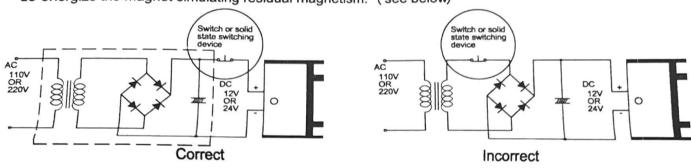
C. Contacts:

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 closed switch, connect the wires from the system to terminal 4 and terminal 5.

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)



Printed Circuit Board Schematic

Model# Features shown in Parenthesis Below:

MLxx

MLxxT With 0-90 second timer.

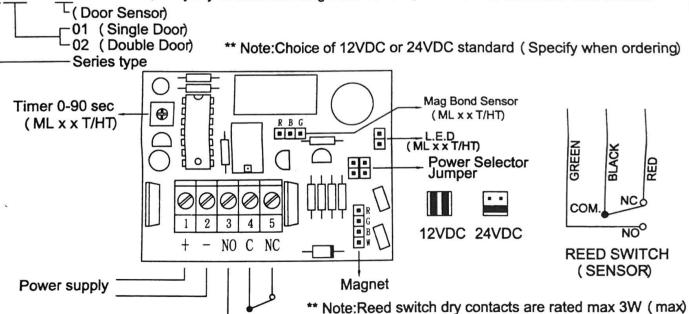
MLxxH With Led, relay dry contact and mag bond sensor.

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

Dry Contact

(MLxxT/HT)

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



Switching contact 0.25A at 30vdc/ac for safe oper-

ation, Do not exceed this rating.