

MLS Series Magnetic Lock Wiring Instruction

A. 12VDC input :

Required power 0.5 amp (Maximum).

Connect the ground (-) lead from a 12VDC power source to white wire of PCB.

Connect the positive (+) lead from a 12VDC power source to blue wire of PCB.

Check jumper for 12VDC operation.

B. 24VDC input :

Require power 0.25 amp (Maximum).

Connect the ground (-) lead from a 24VDC power source to white wire of PCB.

Connect the positive (+) lead from a 24VDC power source to blue wire of PCB.

Check jumper for 24VDC operation.

C. Contacts:

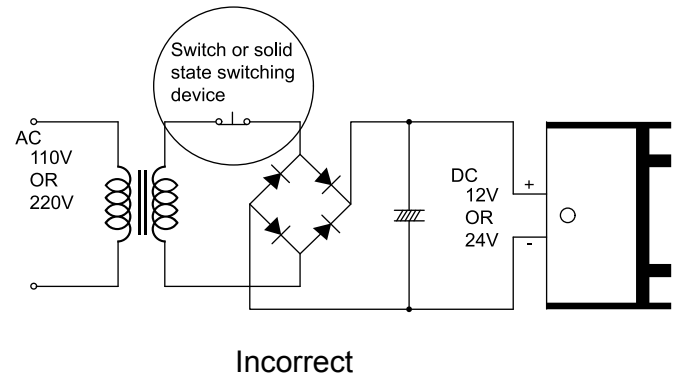
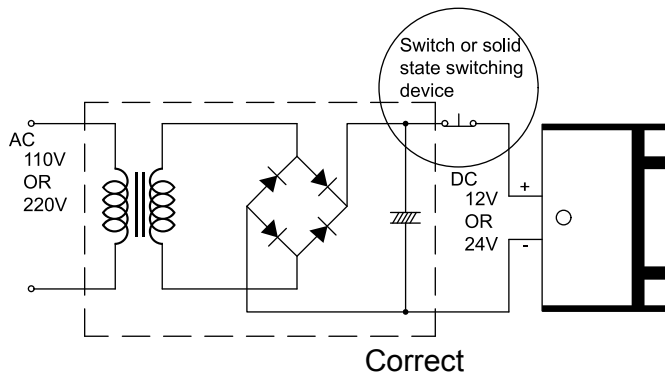
Reed switch dry contacts are rated 0.5 Amp at 30VDC/AC for safe operation, do not exceed this rating

If you required a normally open switch, connect the wires from the system to black wire and green wire of PCB

If you required a normally closed switch, connect the wires from the system to black wire and red wire of PCB.

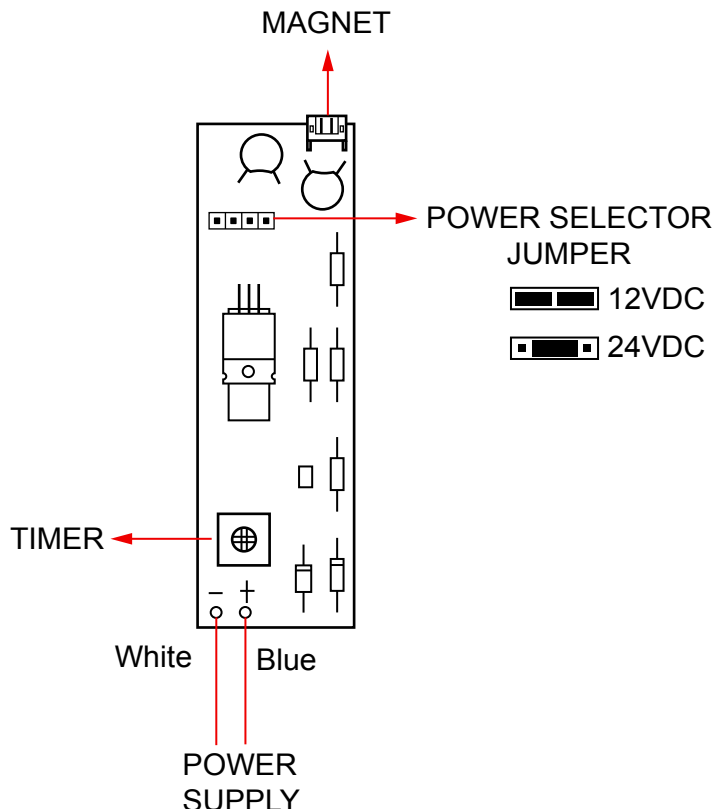
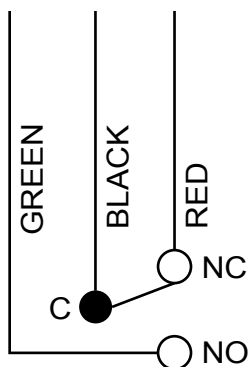
Important!

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)



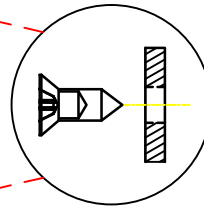
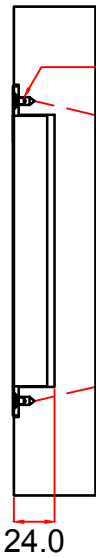
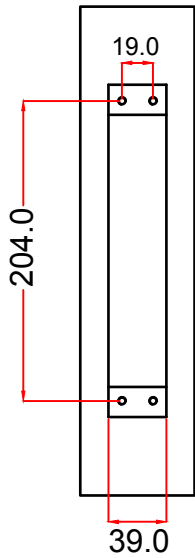
Printed Circuit Board Schematic

REED SWITCH (SENSOR)

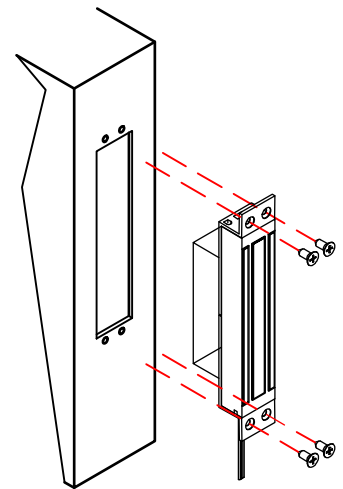


Mortise mounted

SIZE OF CUTOUT



TO FIX WITH SCREWS

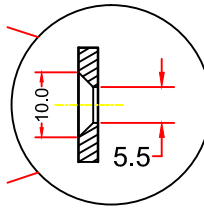
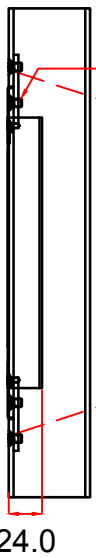
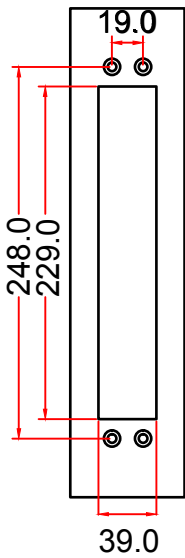


UNIT :mm

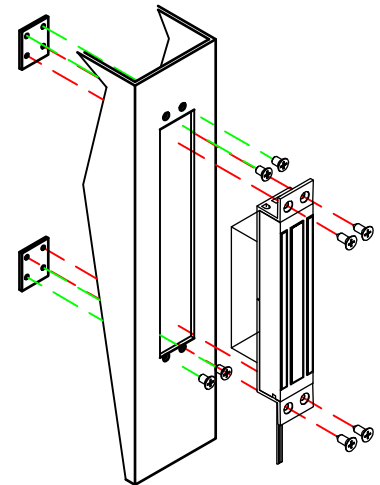
APPLY FOR MLS SERIES (USE FOR MAGNET/SLIDING DOOR-W/O MOUNTING PLATE)

UNIT :mm

SIZE OF CUTOUT



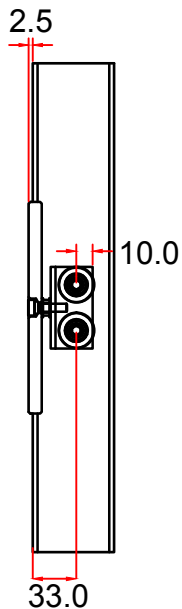
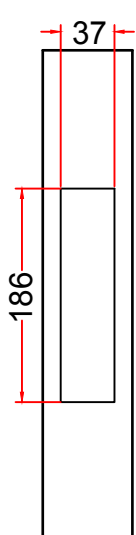
TO FIX WITH SCREWS



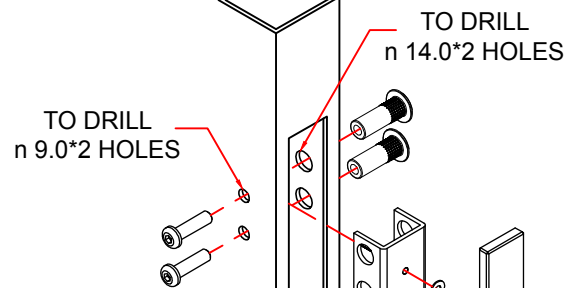
UNIT :mm

APPLY FOR MLS SERIES (USE FOR MAGNET/SLIDING DOOR)

SIZE OF CUTOUT



TO FIX WITH SCREWS



UNIT :mm

APPLY FOR MLS SERIES (USE FOR ARMATURE PLATE/SLIDING DOOR)

Armature Plate