



## Features

- 1200 pound minimum holding force
- Compatible with all access/egress systems
- Alluminum/stainless casings are weather and vandal resistant
- On board mov's provide protection against voltage spikes and surges
- Assorted mounting brackets and filler plates available

## Description

The MIR12B model contains a bond sensor to indicate that the door is secure, an internal timer that eliminates the need for add-on exit delays timers and a door status switch, relay and LED.

### Power Selector Jumpers:

#### A. 12V DC Input:

To set jumpers for 12V DC operation connect the ground (-) lead from a 12V DC power source to terminal 2. Connect the positive (+) lead from a 12V DC power source to terminal 1.

#### B. 24V DC Input:

Unit is delivered from Factory with single jumper ON for 24V operation. Connect the ground (-) lead from a 24V DC power source to terminal 2. Connect the positive (+) lead from a 24V DC power source to terminal.

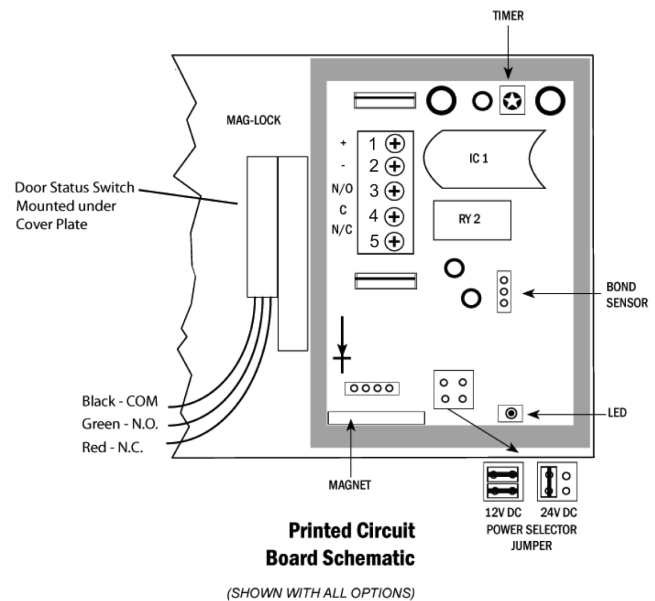
#### C. Contacts:

Door Position Reed Switch dry contacts are rated 0.5A@30 V DC/AC.

Bond Sensor Output Relay dry contacts are rated 1.0A@30VDC.

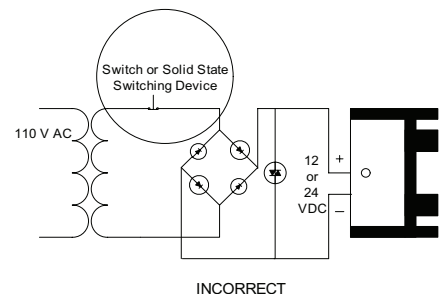
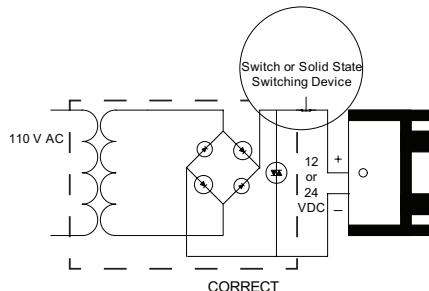
For safe operation, do not exceed this rating.

**Note:** Only use UL/CUL Listed Regulated Limited Power Source.



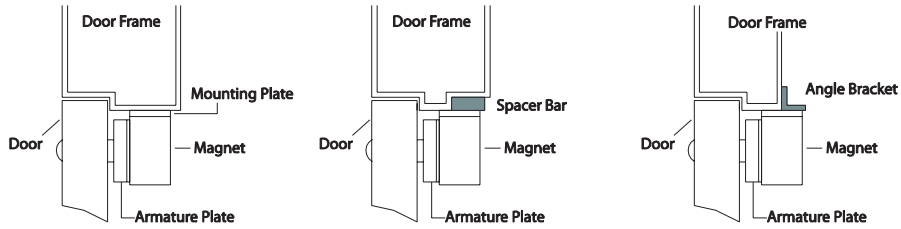
## Power Supply Wiring Requirements

In context with the Power switch or solid state switching device installation to minimize the effect of residual magnetism install switch at location indicated in the schematic diagram "CORRECT".

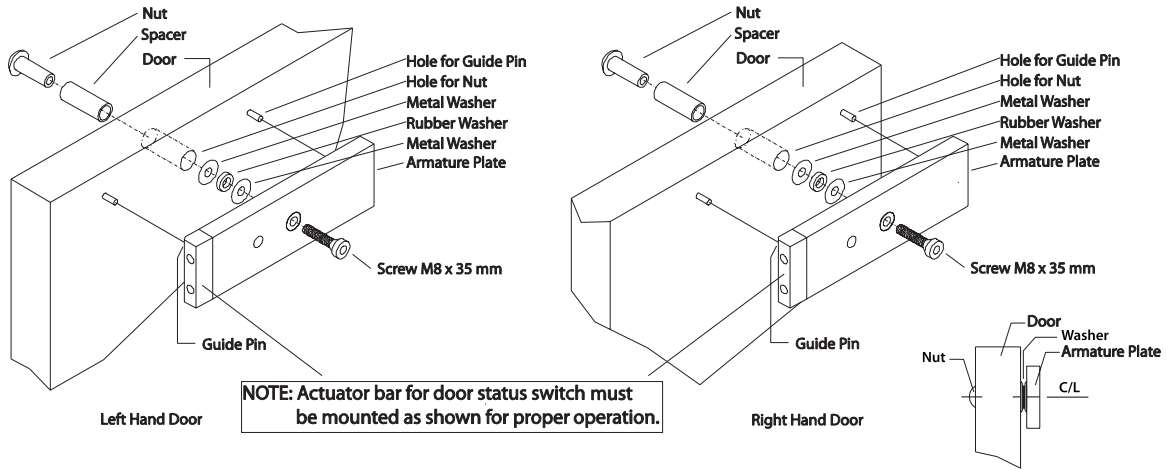


# Typical Installation

## Electromagnetic Lock Mounts to Door Frame



## Armature plate mounts to Door

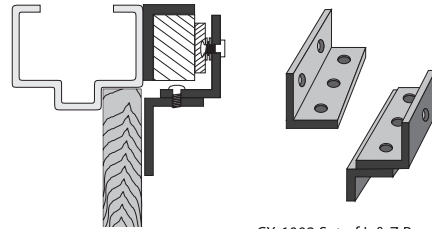


# Ordering Information

Model	Description	Features	Current Draw	Dimensions
MIR12S <small>cUL LISTED</small>	1200 lbs Surface Mount Single Door	Basic	500mA @ 12 V 250mA @ 24 V	10 1/2" x 2 7/8" x 1 7/8" 267mm x 73mm x 48mm
MIR12B <small>cUL LISTED</small>	1200 lbs Surface Mount Single Door with Sensor	Comes with Adjustable timer, Lock Sensor, Door Status Switch, Relay & LED		
CX-94S12LS	1200 lbs Surface Mount Gate Lock	Comes with Lock Sensor/ Relay	500mA @ 12 V 250mA @ 24 V	10 5/8" x 1 3/8" x 1 1/4" 270mm x 35mm x 32mm

### Accessories

Model	Description	Dimensions
CX-1002	Set of L & Z Brackets for 1200 lbs Magnet	10 1/2" x 3 x 1 13/16" 237mm x 76mm x 46mm  6 5/16" x 2 1/2 x 2 1/2" 160mm x 64mm x 64mm



CX-1002 Set of L & Z Brackets

NOT TO BE USED FOR INSTALLATION PURPOSES.



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