



EM-1500 / EM-1500L

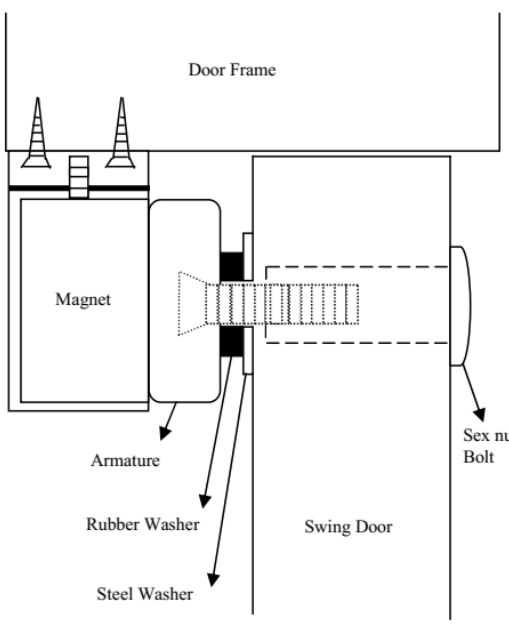
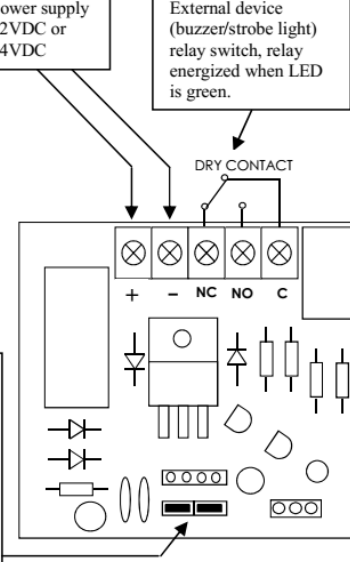
## Features

**eLock-1500 Series** electromagnetic locks offer cost effective solution with easy installation & suitable for variety of application . It has no moving parts thus keeping maintenance to a minimum. All types of brackets are available to ease installation for both in-swing & out-swing doors.

## Specification

- 1500lbs holding force
- Dual voltage 12 & 24 Vdc
- Current drawn 500mA / 250mA
- MOV surge protection
- Fail-Safe type
- Unmonitored Model ( eLock-1500 ) & Monitored Model ( eLock-1500L )
- Push-off button on armature for instant release
- Dimension : -  
Magnet : 280(L) X 76(W) X 46(D) mm  
Armature Plate : 200(L) X 70(W) X 17(D) mm

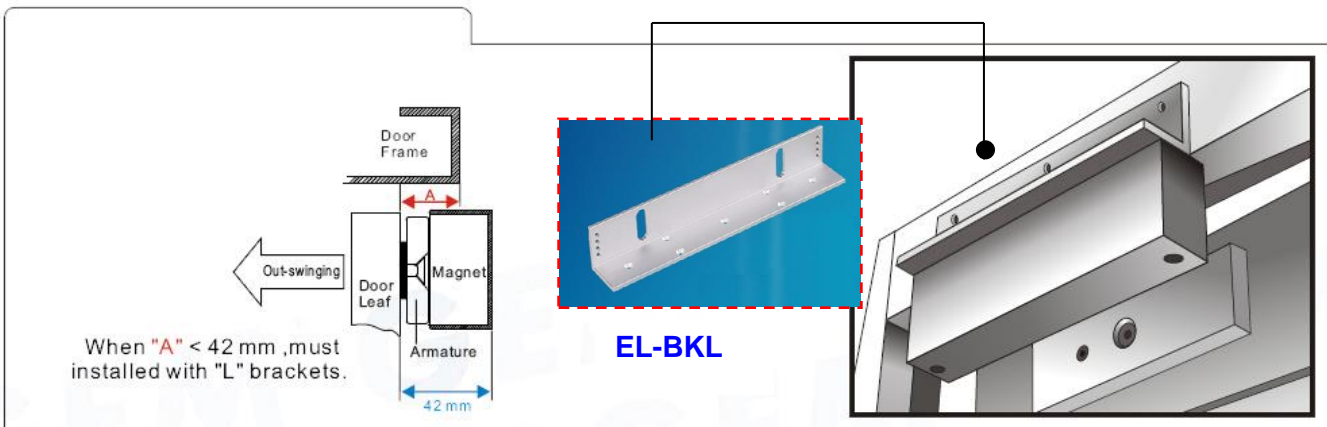
## User Guide

Installation Guide	Wiring Guide
 <p>Door Frame</p> <p>Magnet</p> <p>Armature</p> <p>Rubber Washer</p> <p>Steel Washer</p> <p>Sex nut Bolt</p> <p>Swing Door</p>	<p>Power supply 12VDC or 24VDC</p> <p>External device (buzzer/strobe light) relay switch, relay energized when LED is green.</p> <p>Input voltage too low or poor alignment of armature and magnet, LED is red.</p> <p>Armature and magnet are properly aligned, LED is green</p> <p>Wrong polarity, LED does not function</p> <p><b>IMPORTANT!</b> Before power supply is switched on set the power selector jumper correctly</p> <p>12VDC [Diagram of 12VDC jumper]</p> <p>24VDC [Diagram of 24VDC jumper]</p> <p>DRY CONTACT</p> <p>+ - NC NO C</p> 

## Optional Brackets

### EL-BKL ( L Bracket )

- Adjustable "L" bracket for outward door when the header is narrow.
- Available for elock-300, 600, 1200 & 1500 Series



Door Frame

Outswinging

Door Leaf

Magnet

Armature

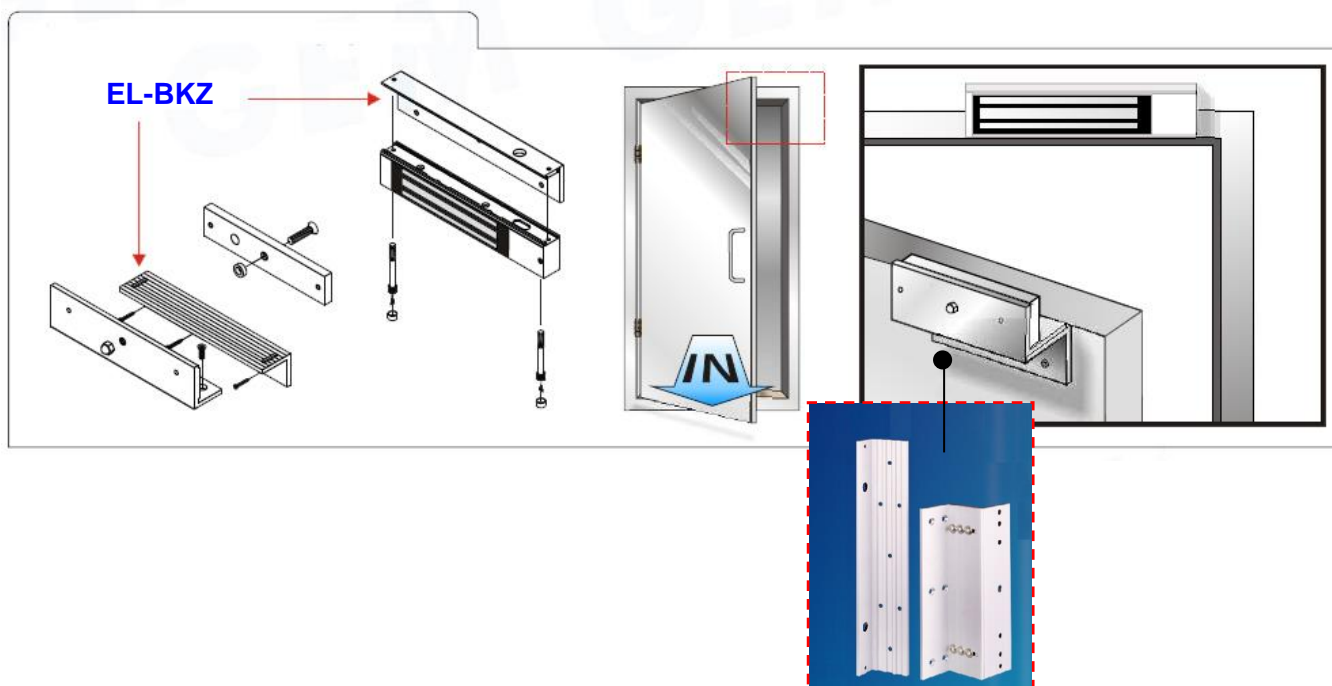
42 mm

When "A" < 42 mm ,must installed with "L" brackets.

**EL-BKL**

## EL-BKZ ( ZL Bracket )

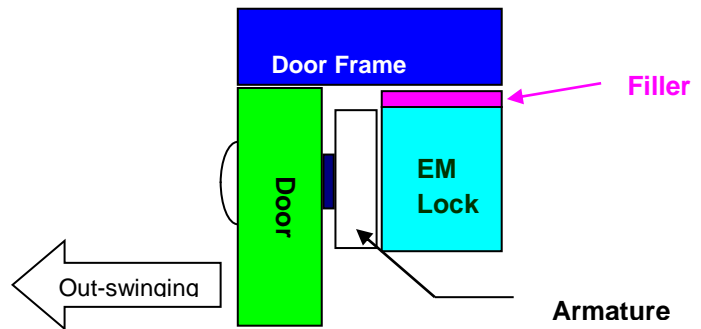
- Adjustable "ZL" bracket for inward door application.
- Available for elock-300, 600, 1200 & 1500 Series



## Mounting Diagram

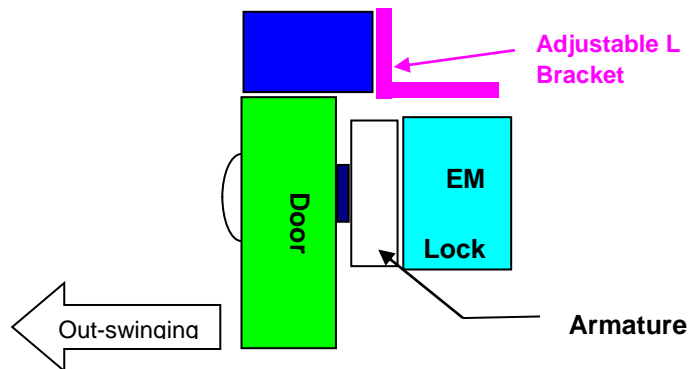
### Standard Mounting:

- With Filler Plate attached on top of EM Lock.



### L Bracket Mounting :

- Mounting with "Adjustable L Bracket" when Door frame is narrow.
- Mounting Procedure :-  
Remove the original "Filler Plate" attached to EM Lock, replaced with " Adjustable L Bracket " set.



### ZL Bracket mounting :

- Mounting with " ZL Bracket " for In-swing door application.
- Mounting Procedure :-  
Remove the original "Filler Plate" attached to EM Lock, replaced with " Adjustable ZL Bracket " set.

