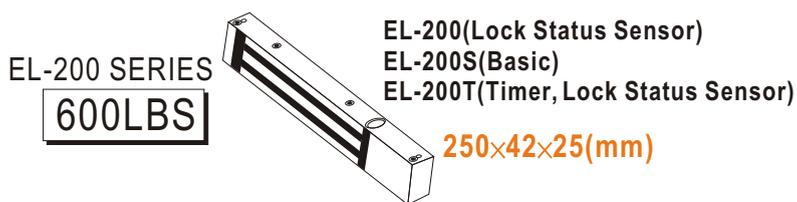


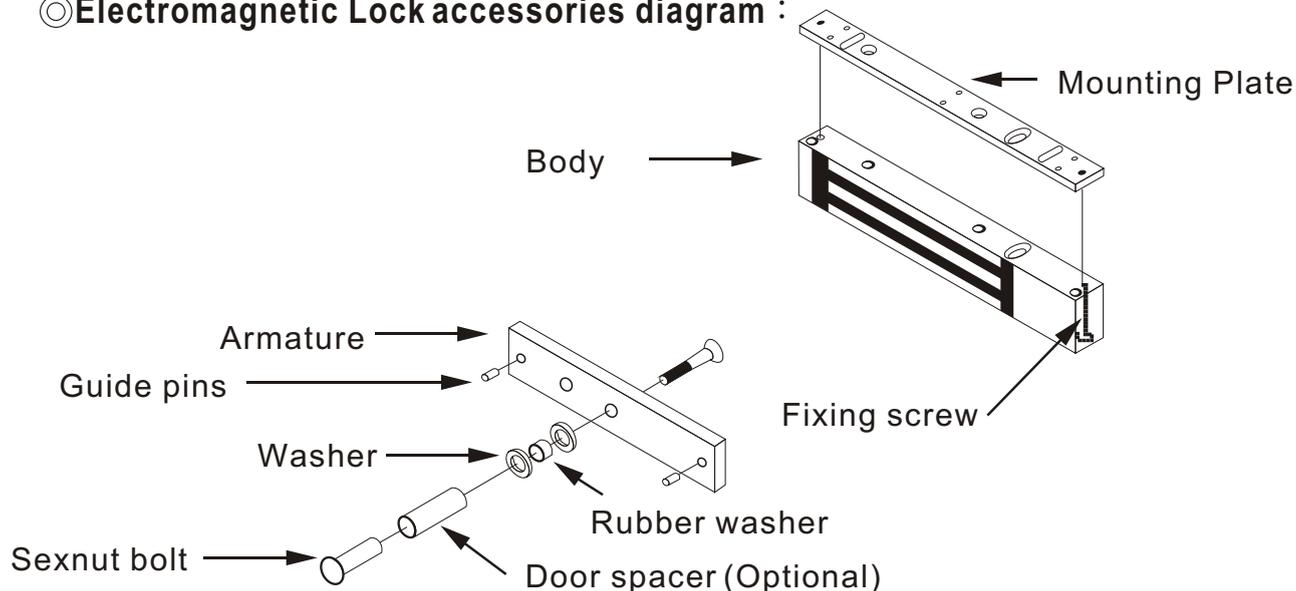
INSTALLATION INSTRUCTION



◎Electromagnetic Lock Specification :

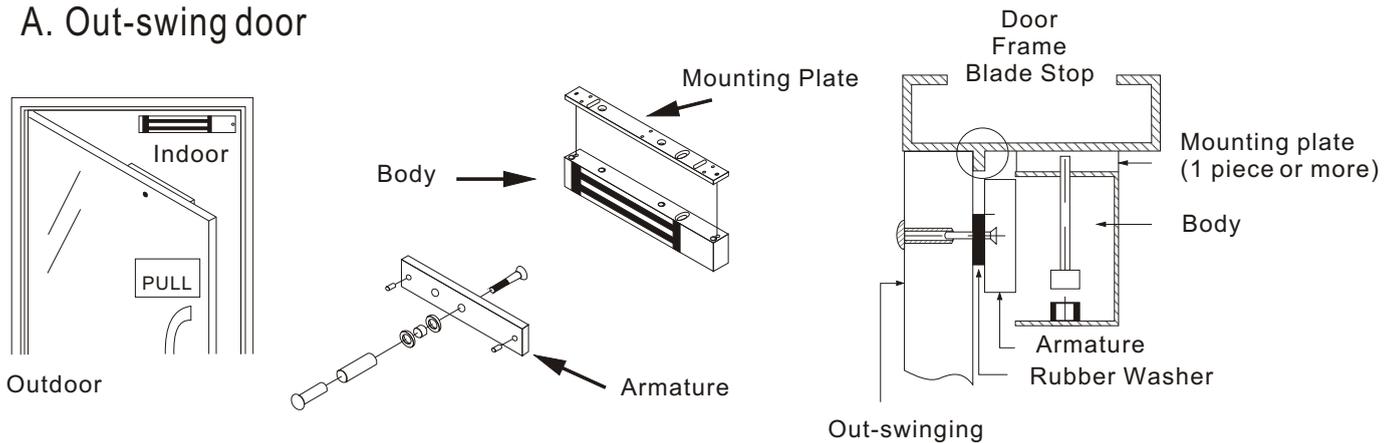
Holding Force	EL-200 , EL-200S , EL-200T : 600LBS EL-200FM : 600LBS(Flush Mount) EL-220 , EL-220S , EL-220T : 1200LBS EL-220TL : 1200LBS(Twin Locks)	Tested Remark
Power Supply	12VDC or 24VDC	Adjust jumper for voltage selection
Operation Current	500mA @ 12VDC 250mA @ 24VDC	
Finish	Electromagnetic Surface : Pb and Sn alloy plated Housing : Anodized	
Application	Out-swing door and In-swing door	Optional bracket for the application of door
LED indicator and Monitor output	EL-200/220 , EL-200T/220T , EL-200FM , EL-220TL	Hold Effect Sensor
Temperature	35°C ±5°C (Inside air temperature 30°C)	
Warranty	The warranty is 2 years for normal using	

◎Electromagnetic Lock accessories diagram :



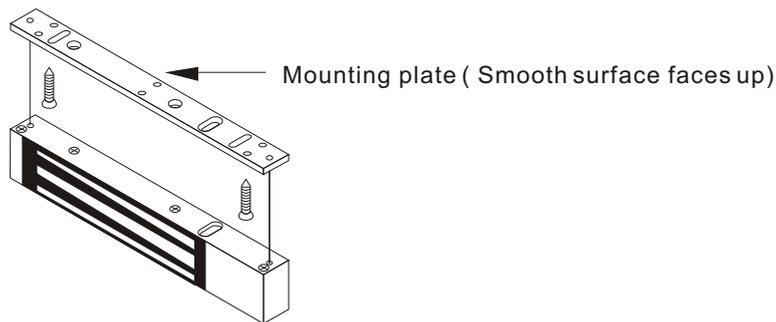
⊙ Installation instruction :

A. Out-swing door

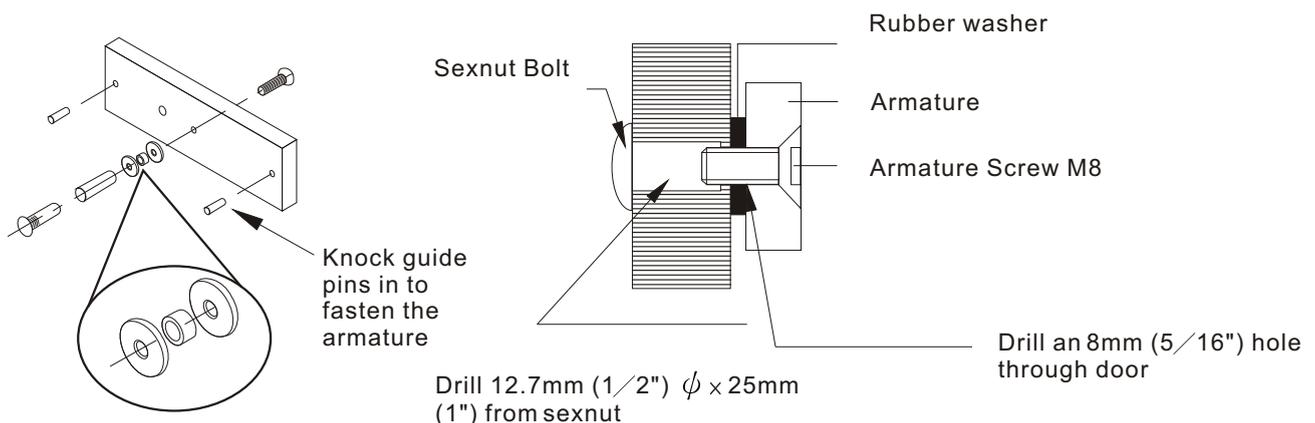


Step1 : Place the magnet template on top of door frame and the armature template on top of door leaf according to above drawings. Try to check if they are on The right position before drilling all the holes.

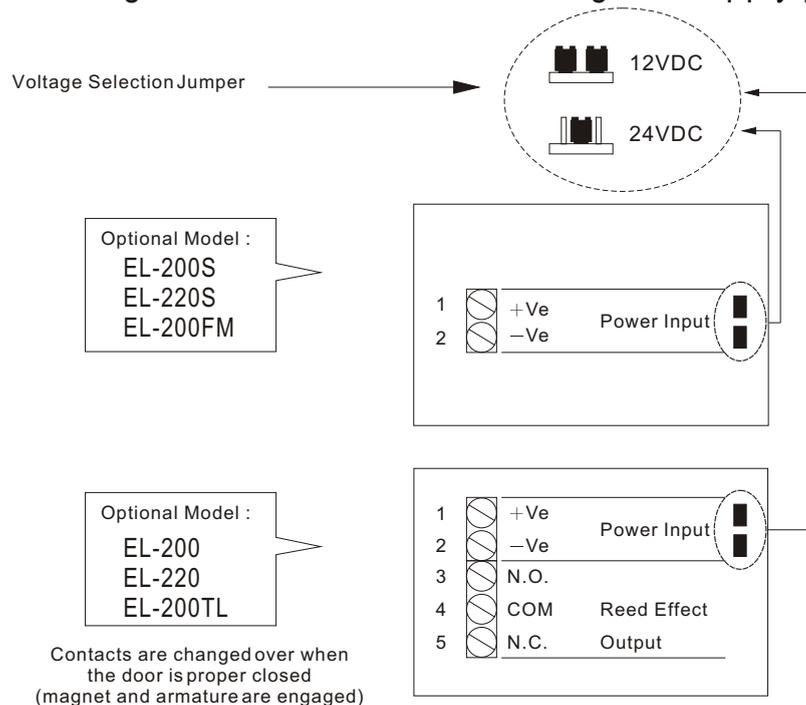
Step2 : Fix the mounting plate in the door jamb using supplied self-tapping screw.



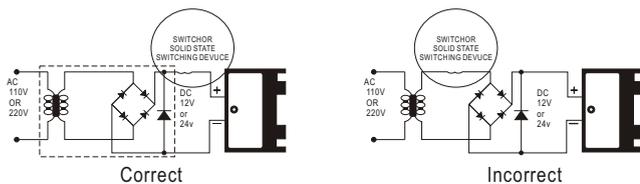
Step3 : Ensure the armature is set to the right plsition and drill a 12 mm × 25mm hole from sexnut bolt side and drill an 8 mm hole through door. (as follow) (note : The armature must be loose slightly to compensate the door misalignment, so that the armature face and the magnet face can be closed and make the magnetic force to maximum effect.



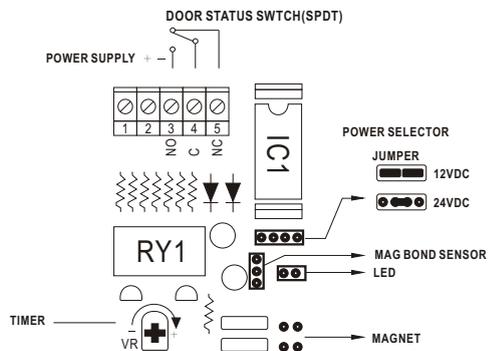
Step4 : Ensure the magnet is set to the correct voltage and apply power.



EL-200 Series

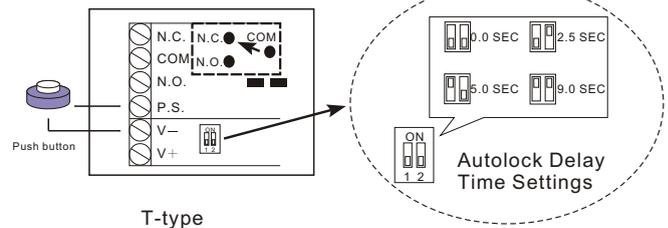
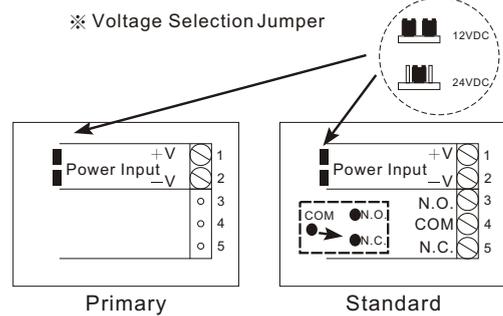


Printed Circuit Board Schematic

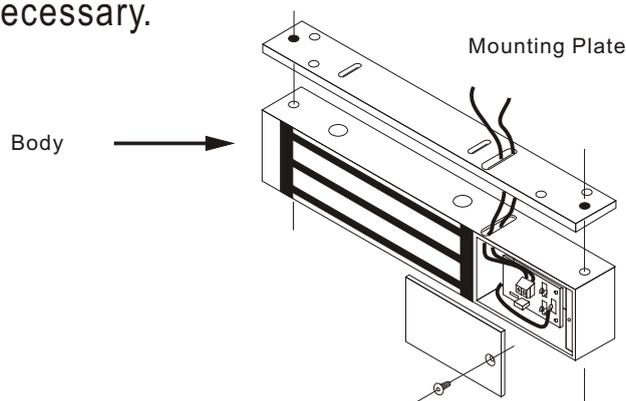


EL-220 Series

※ Voltage Selection Jumper

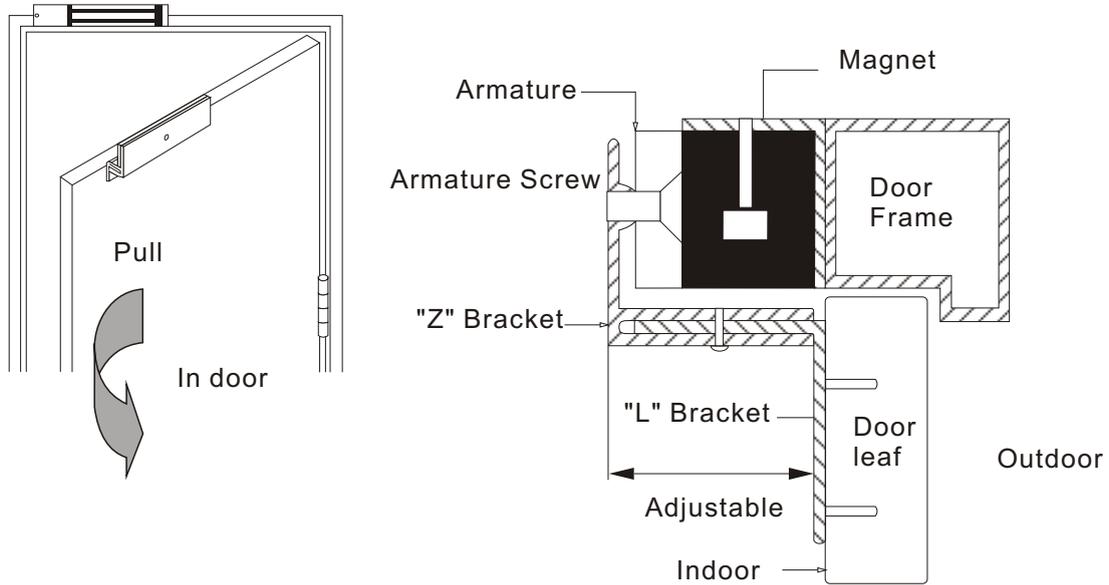


Step5 : Fix the magnet to the mounting and ensure the armature close lightly against the magnet when the door is closed to avoid damage to the mating surface unnecessary.

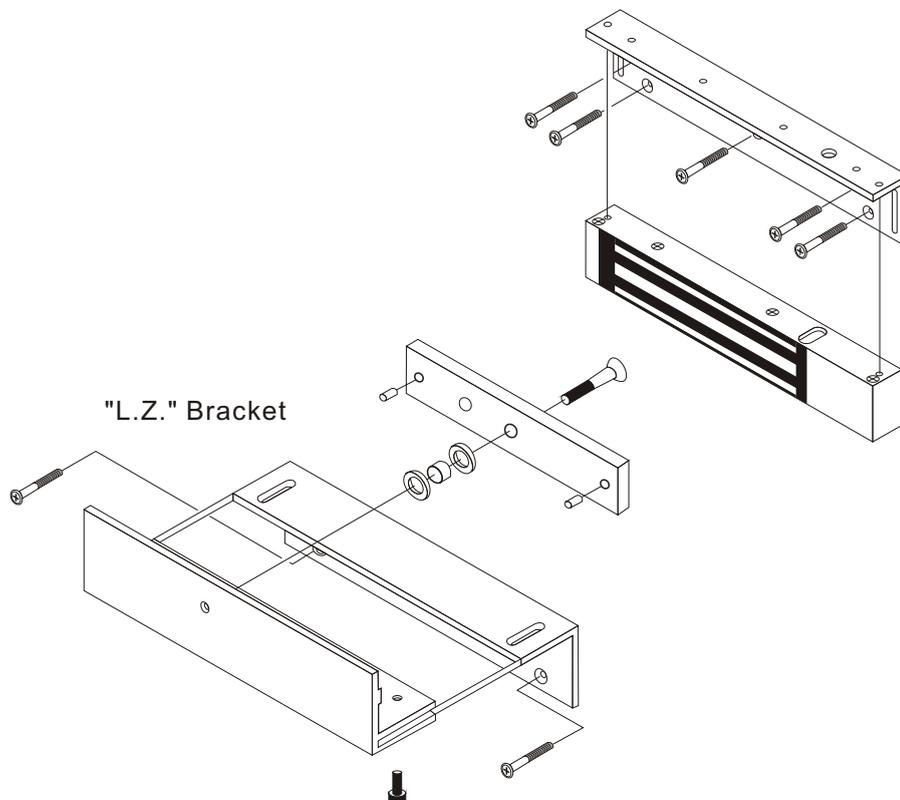


B. In-swing door

Step1 : Fix the magnet in the door jamb and fix the armature with the L.Z. Bracket in the door leaf. (as follow)



In-swinging door (installed with L.Z. Bracket)



※ (The below steps are the same of in-swing door. Please refer to step 3~5)