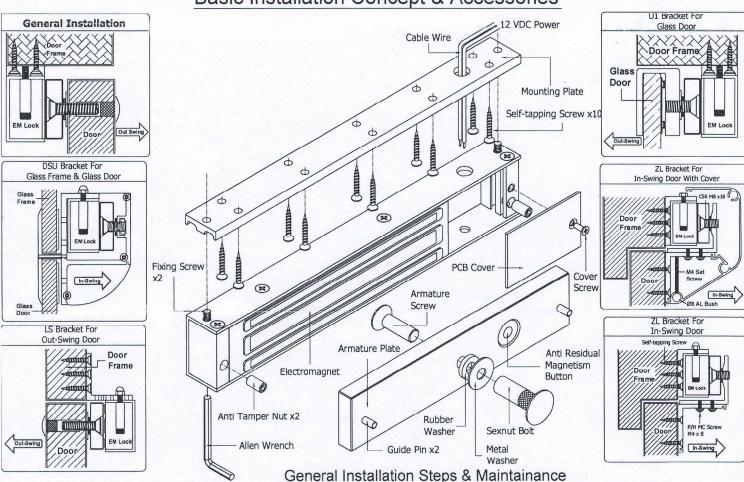
## Electromagnetic Lock Installation User Guide (In-door Models)

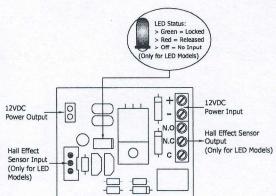




Model Spec	E600-S	E600-LED
Holding Force	600lbs (272 kg)	
Voltage Input	12VDC	
Dimension	(L)250 x (W)42 x (T)25 (mm)	
Current Draw	480mA	500mA

Basic Installation Concept & Accessories





- 1. Drill the armature plate holes in the door using the sticker template provided.
- 2. Attach the armature plate to the door with the hardware provided as per the illustration.
- 3. With the door closed, mark the door frame at the edge of the armature in order to properly align the electromagnet to the armature.
- 4. Attach the mounting plate to the door frame using the self-tapping screws provided. Align the mounting plate with the mark from the previous instruction.
- 5. Insert the wires through the hole in the mounting plate and into the electromagnet unit. Attach the electromagnet unit to the mounting plate with the Allen head fixing screw.
- 6. Screw in the anti-tamper nuts to prevent unauthorized access and to prevent the fixing screw from loosening over time.
- 7. Connect the power wires according to the instruction and test the system.
- 8. It is recommended that to apply a light coat of silicon lubricant to the mating surface on a monthly basis to prevent rust.

## Trouble Shooting

- 1. Sensor not functioning
  - Improper attachment of electromagnet and armature plate
  - Modification of the PCB
- 2. Door not locked
  - Incorrect wiring or no power from power supply
- 3. Reduced holding force
  - Poor contact of electromagnet and armature.
  - Be sure armature is loose enough that it can fully contact electromagnet along the entire length.
  - Mating surface is dusty or damaged.
  - Improper input voltage or wire size.