



YLI ELECTRONIC

# Shear Lock

## Model: YM-2400SL



### SPECIFICATION

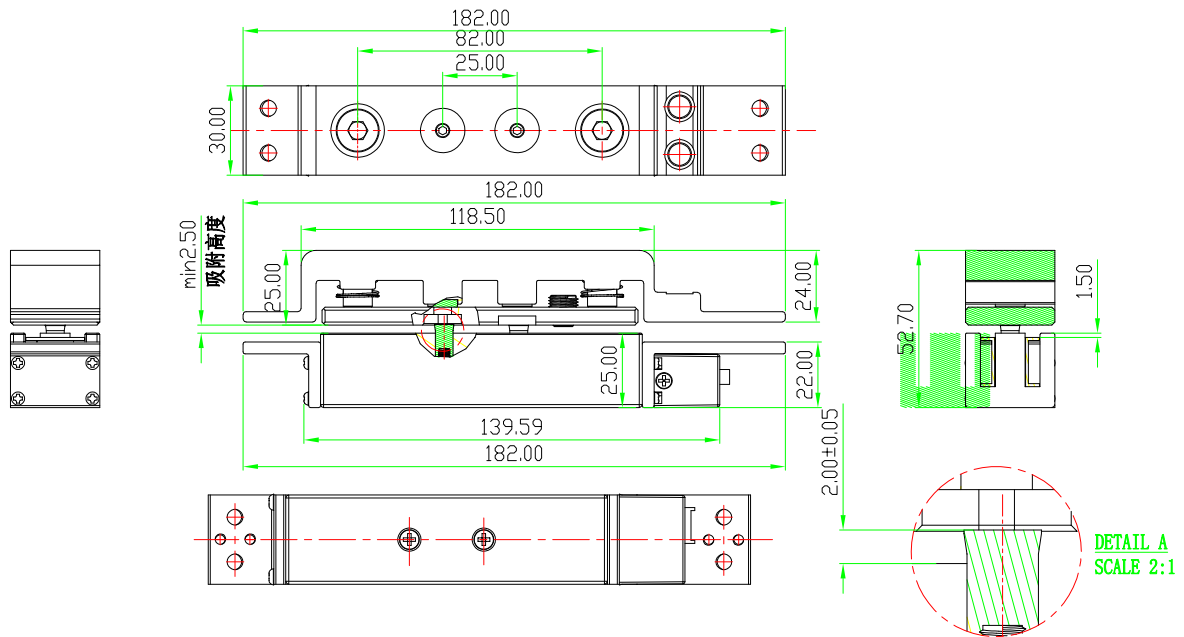
<b>Power supply</b>	DC 12V or 24V
<b>Operation Current</b>	12V/850mA;24V/450mA
<b>Holding Current</b>	12V/400mA;24V/280mA
<b>Delay Time</b>	0/5/10/15sec.
<b>Door status sensor</b>	NO/COM(0.1A@30VDC)
<b>Lock status sensor</b>	NO/NC/COM(0.1A@30VDC)
<b>Holding Force</b>	2200Lbs(1000kg)
<b>Magnetic distance(max.)</b>	3mm
<b>LED</b>	Red shows locked; Green shows unlocked
<b>Lock Size</b>	182L X 30W X 25D(mm)
<b>Armature Plate</b>	182L X 30W X 23.6D(mm)
<b>Weight</b>	1.2kg

Model Color	9 PIN Connection		
<b>Red</b>	DC 12V	<b>Black</b>	GND
<b>Purple</b>	Purple wire of the light	<b>Orange</b>	Orange wire of the light
<b>Green</b>	Door Positions Sensor NO	※	Dangling
<b>Brown</b>	Lock Positions Sensor NC	<b>Blue</b>	Lock Status Sensor NO
<b>Gray</b>	Lock Positions Sensor COM	<b>White</b>	Door Status Sensor COM

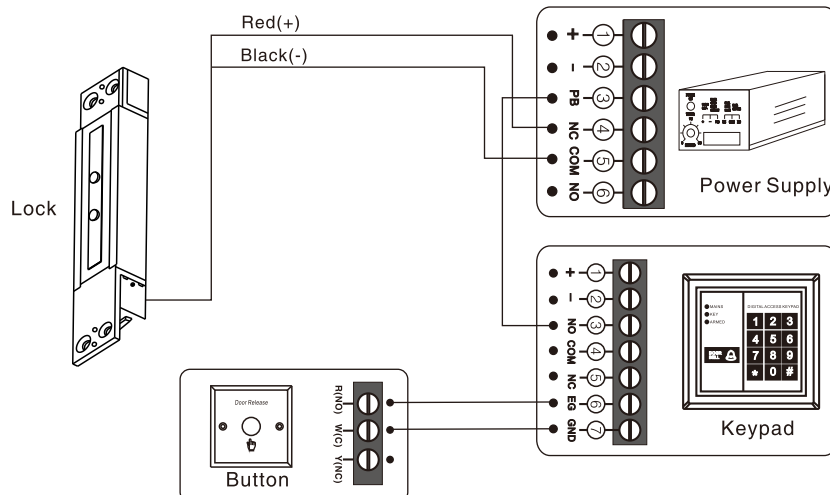
  

Delay Time	0S	5S	10S	15S

### DIMENSION

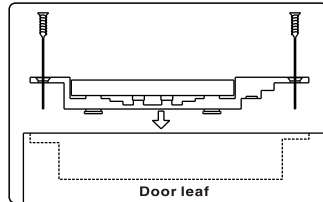
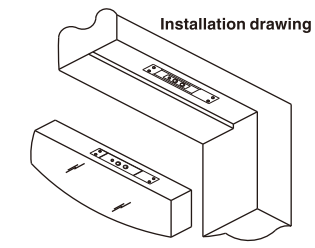
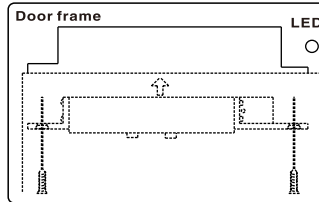
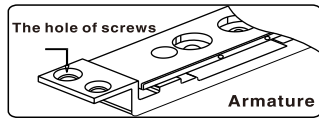
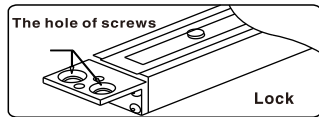


### WIRING DIAGRAM

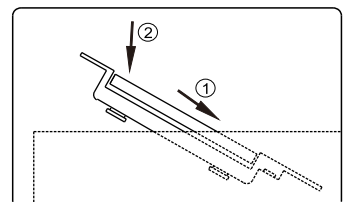
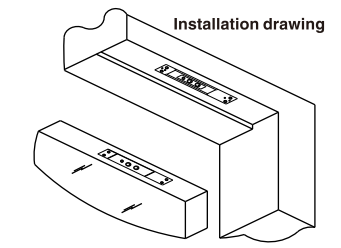
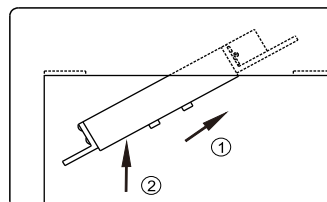
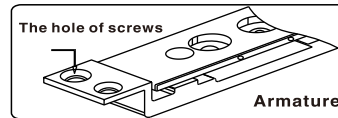
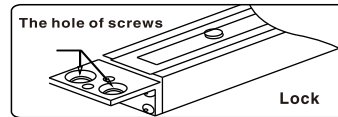


## THE COMMENTARY OF HOLES

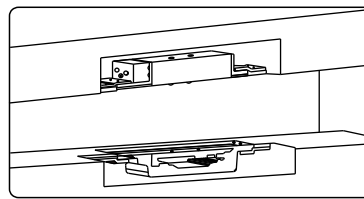
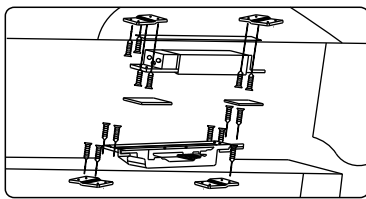
### A: The Solid Door



### B: The Hollow Door



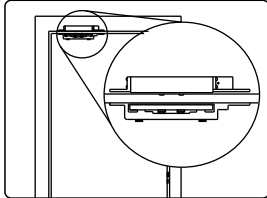
### C: Use The Extended Plate



## THE COMMENTARY OF INSTALLATION

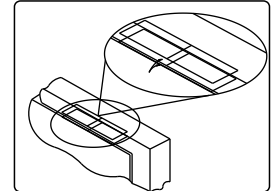
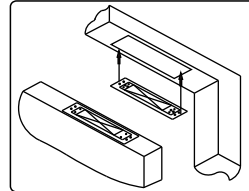
#### Step1: Confirm the position of installation

It can be installed upon the door or the side of the door



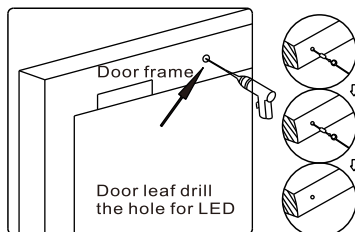
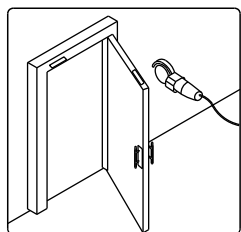
#### Step2: Paste the sticker

Note: Adjust the sticker to assure the proper alignment



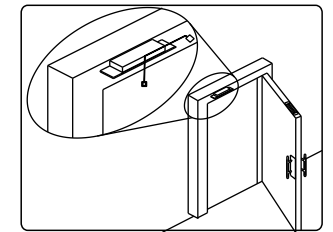
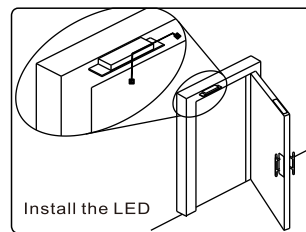
#### Step3: Drill the hole

Drill the hole according to the sticker, and drill the hole for the LED on the door frame



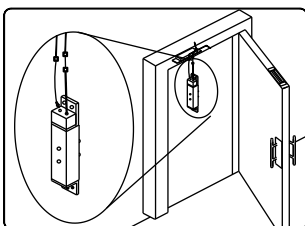
#### Step4: Wiring

Install the led on the door frame, and connect the 9pin



#### Step5: Fix the magnetic lock and armature

Connect all the wire to the shear shear lock body, then adjust the delay time, then fix the magnetic lock and armature



#### Step6: Connect the electricity and adjust

Check the operation is correct or not when connecting electricity, please adjust a little the armature when they can't adsorb

