YLI ELECTRONIC

Shear Lock

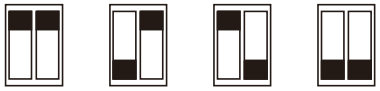
Model: YM-2400SL

SPECIFICATION

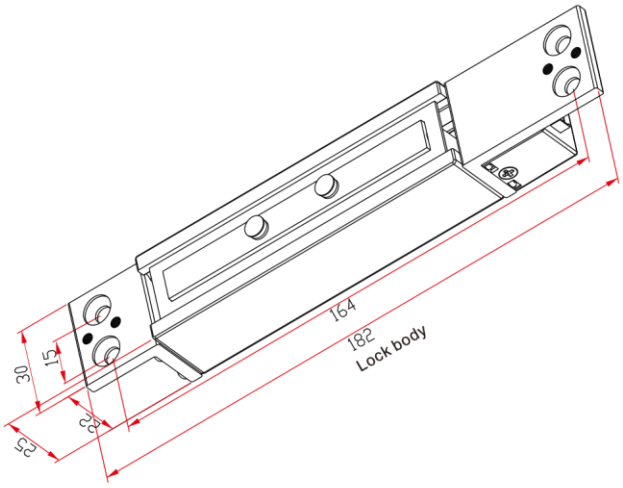
Power supply	DC 12V or 24V
Operation Current	12V/850mA;24V/450mA
Holding Current	12V/400mA;24V/280mA
Delay Time	0/5/10/15sec.
Door status sensor	NO/COM(0.1A@30VDC)
Lock status sensor	NO/NC/COM(0.1A@30VDC)
Holding Force	2200Lbs(1000kg)
Magnetic distance(max.)	3mm
LED	Red shows locked; Green shows unlocked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

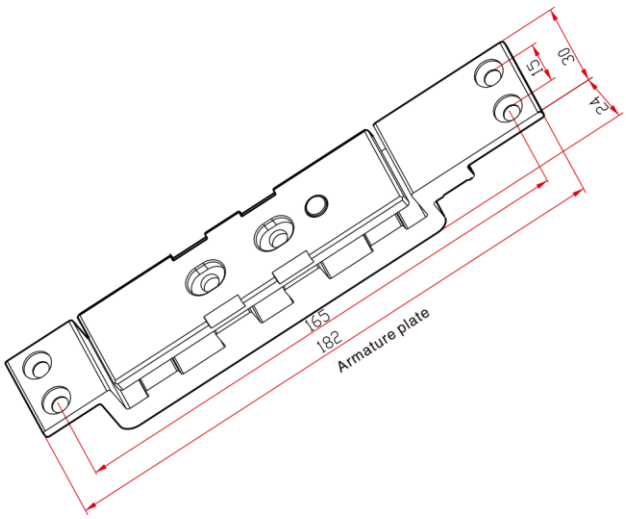
Model / Color	9 PIN Connection		
Red	DC 12V	**Black**	GND
Purple	Purple wire of the light	**Orange**	Orange wire of the light
Green	Door Positions Sensor NO	※	Dangling
Brown	Lock Positions Sensor NC	**Blue**	Lock Status Sensor NO
Gary	Lock Positions Sensor COM	**White**	Door Status Sensor COM

Time Delay

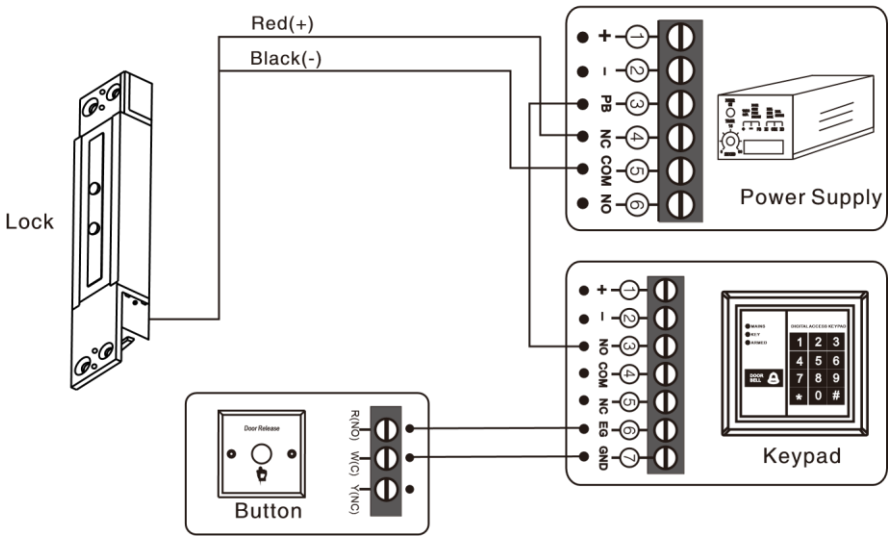


DIMENSION



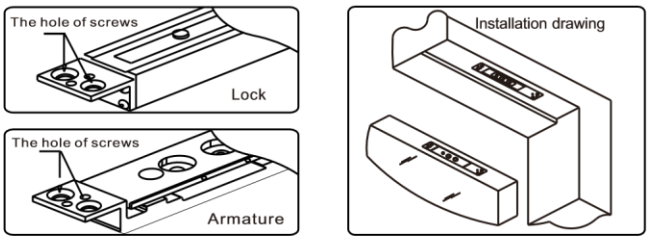


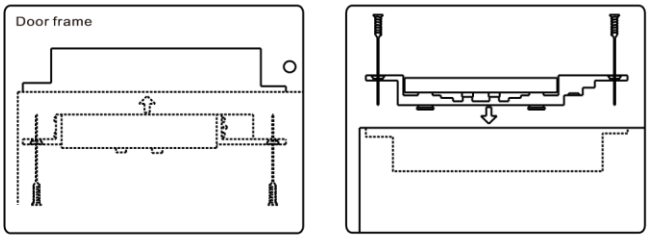
WIRING DIAGRAM



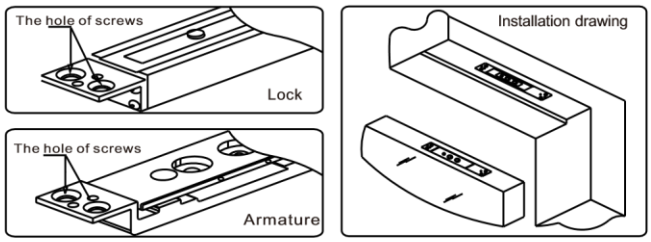
THE COMMENTARY OF HOLES

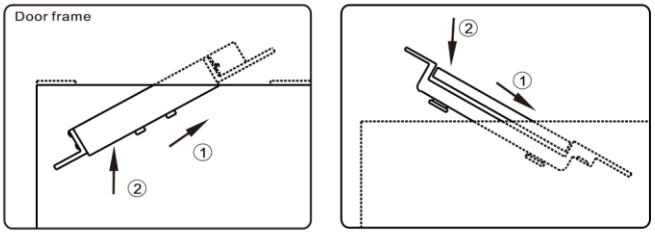
A:The Solid Door



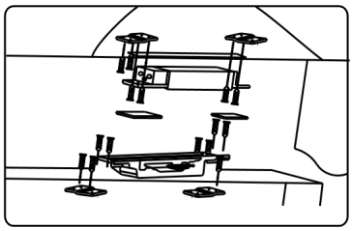


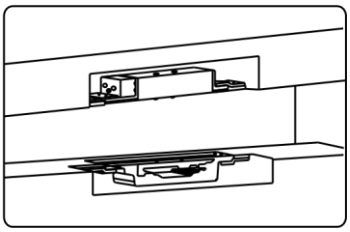
B:The Hollow Door





C:Use The Extended Plate

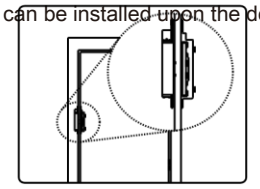


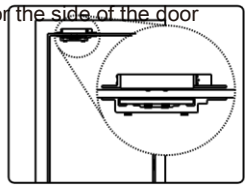


THE COMMENTARY OF INSTALLATION

Step1:Confirm the position of installation

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

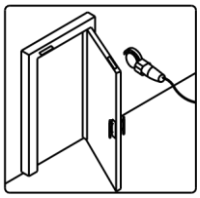


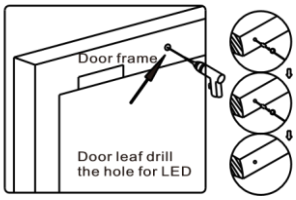


Drill the hole

Step3:Drill the hole

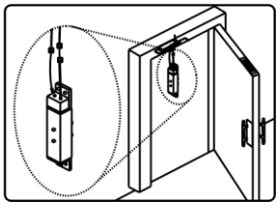
according to the sticker,and drill the hole for the LED on the door frame.





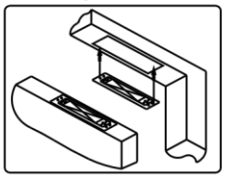
Step5:Fix the magnetic lock and armature

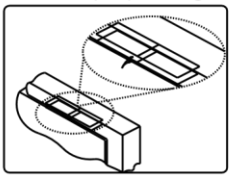
Connect all the wire to the shear lock body, then adjust the delay time, then fix the magnetic lock and armature



Step2:Paste the sticker

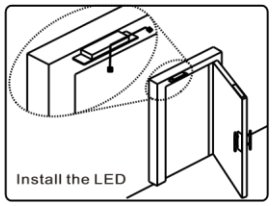
Note:Adjust the sticker to assure the proper alignment

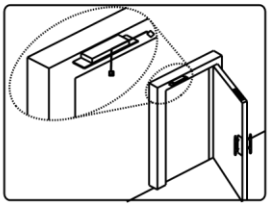




Step4:Wiring

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





Step6:Electrify and adjust

Check whether operation is proper or not when electricfying,please adjust the armature slightly when they can't absorb

