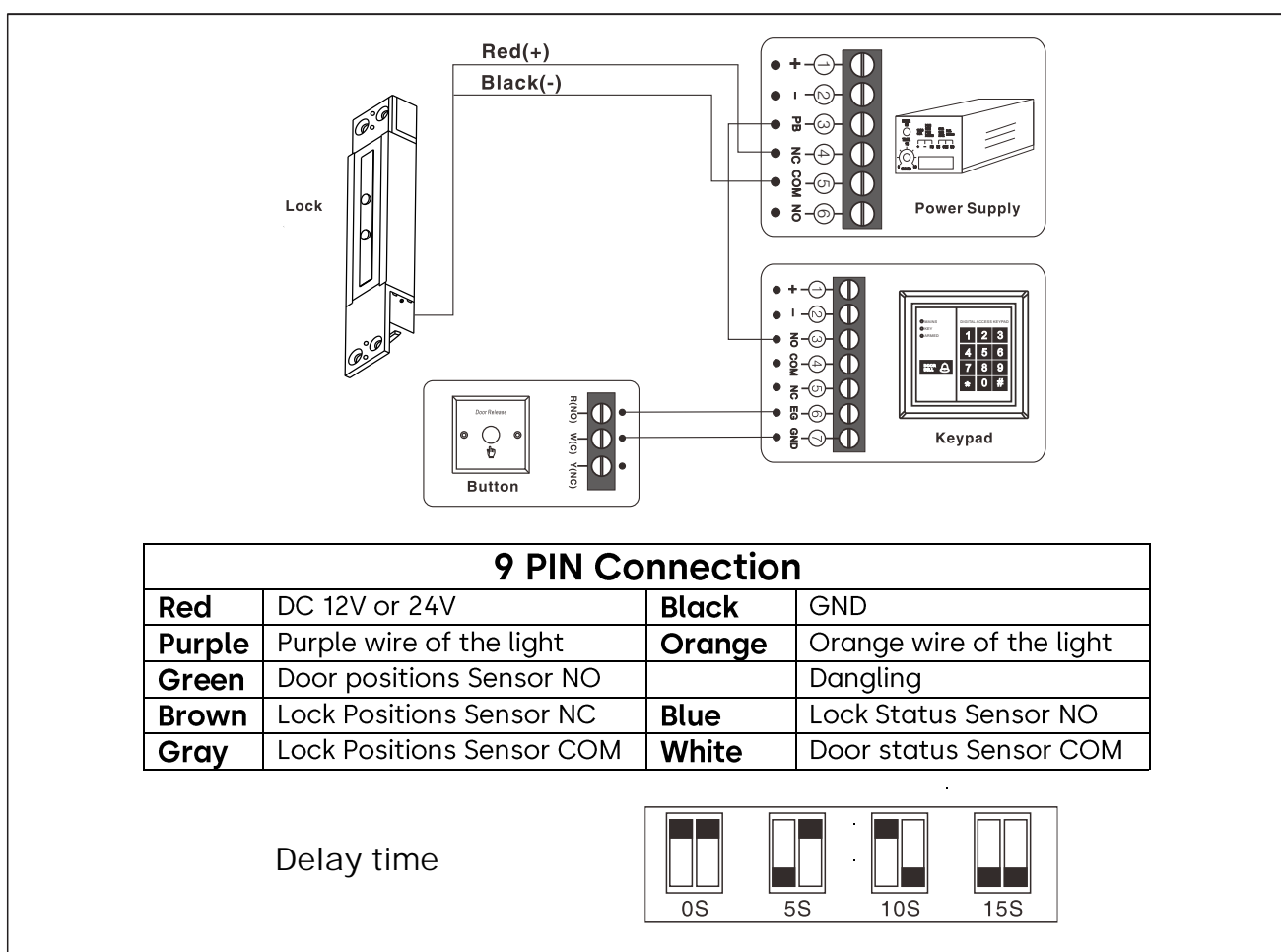


Important notice

1. The power supply has to be enough for the electromagnet. Look at wiring notice
2. The armature plate and the electromagnet should no be drilled or modified



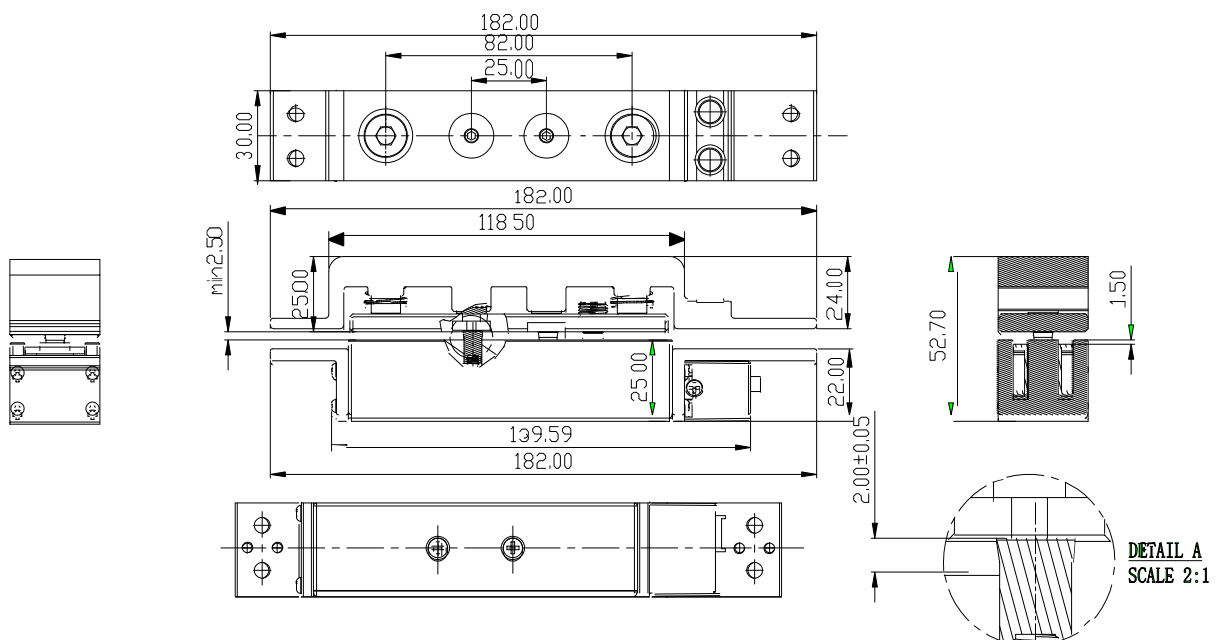
EM 8500-D AM

Mounting instructions

Technical data

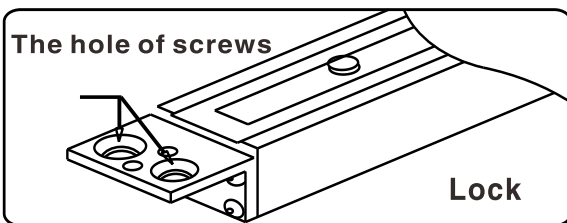
Power supply	DC 12 V (EM 8500 D AM – 12) or DC 24 V (EM 8500 D AM – 24)
Operation Current	12V/850mA; 24V/450mA
Holding Current	12V/400mA; 24V/280mA
Delay time	0/5/10/15 sec.
Door status sensor	NO/COM (0,1A@30VDC)
Lock status sensor	NO/NC/COM (0,1A@30VDC)
Holding force	2200Lbs(1000kg)
Magnetic distance (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	1,2 kg

Dimensions

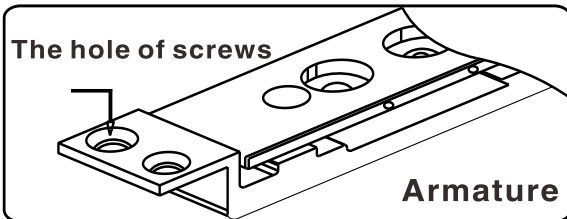


Typical installation for wooden door

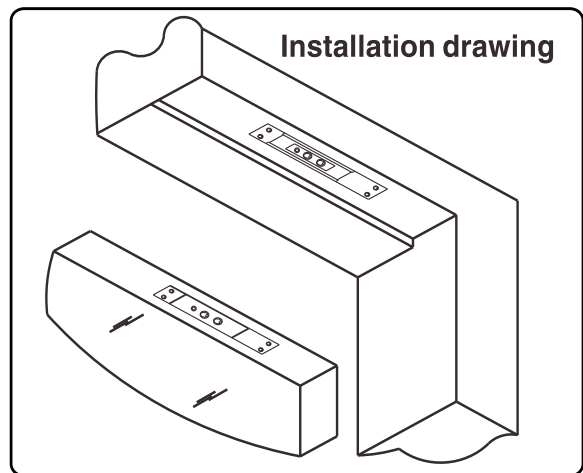
The hole of screws



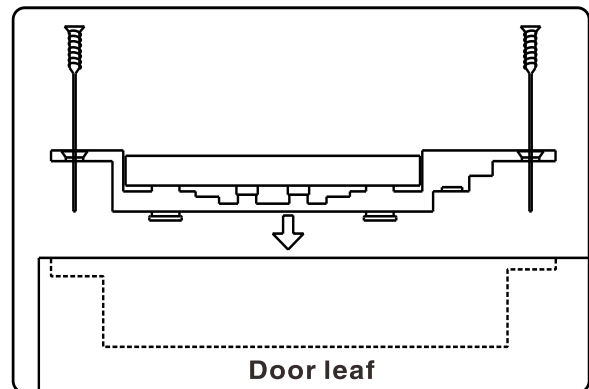
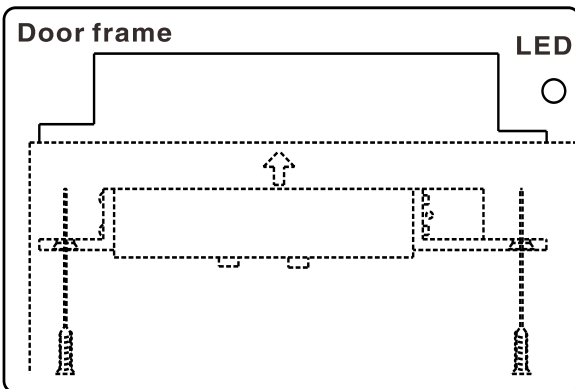
The hole of screws



Installation drawing

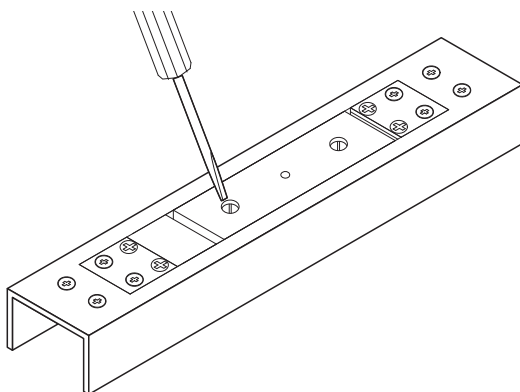


Door frame

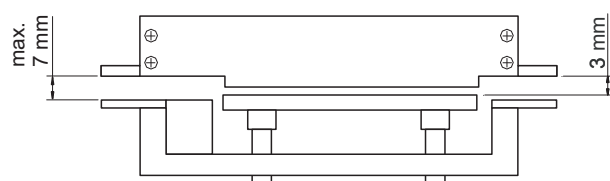


Door leaf

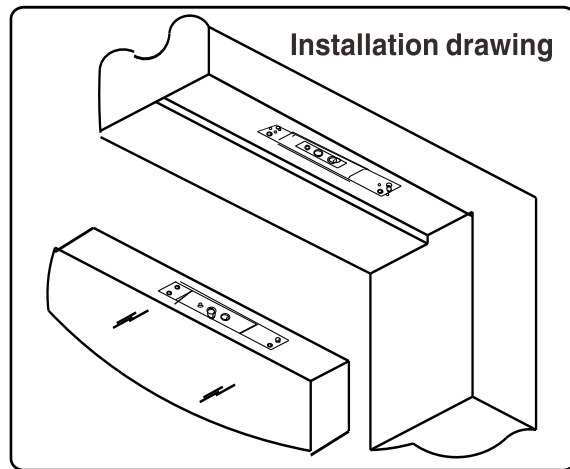
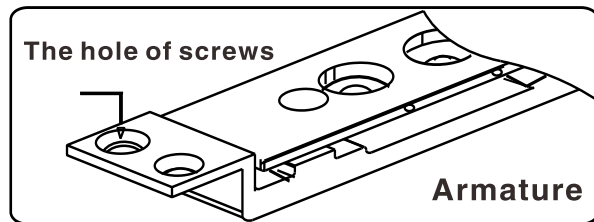
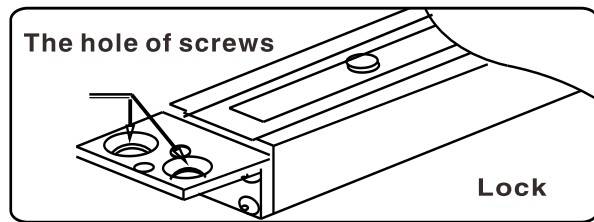
Adjust after mounting



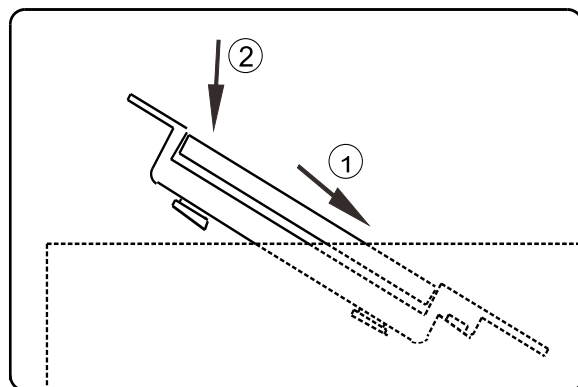
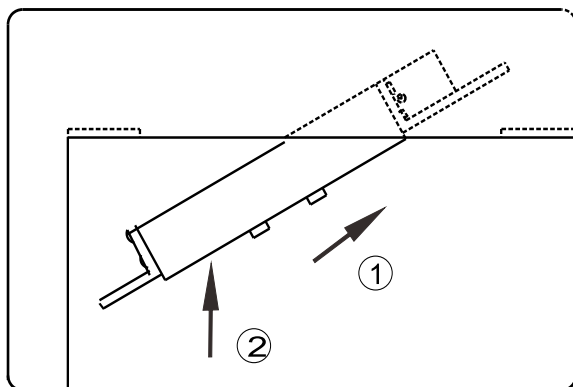
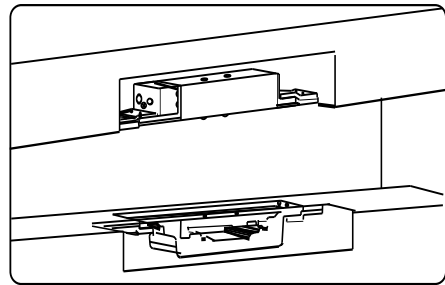
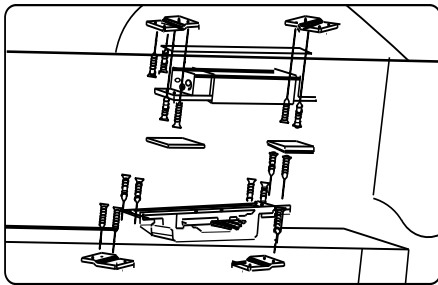
After mounting, adjust screws to make sure the gap is 3 mm as drawing below



Typical installation for aluminium door

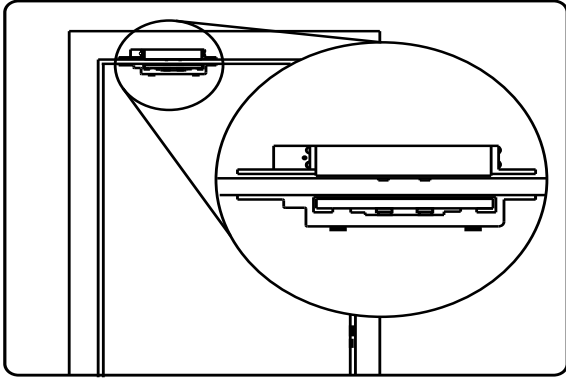


Use the extended plate

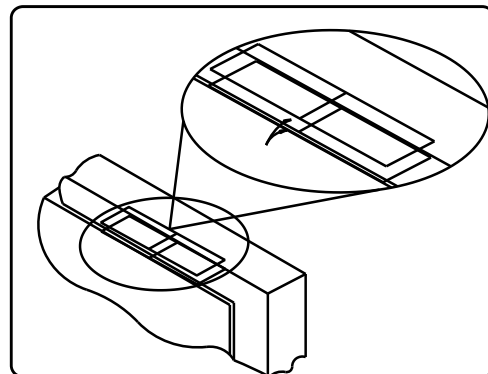
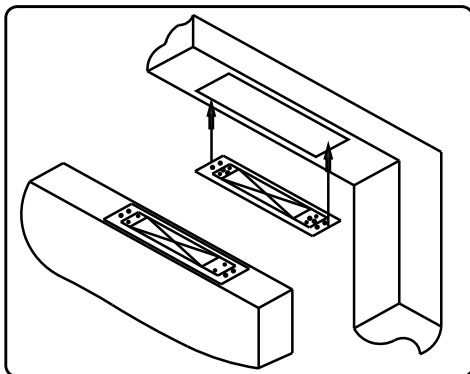


Installation

Step1:Confirm the position of installation
It can be installed upon the door or the side of the door

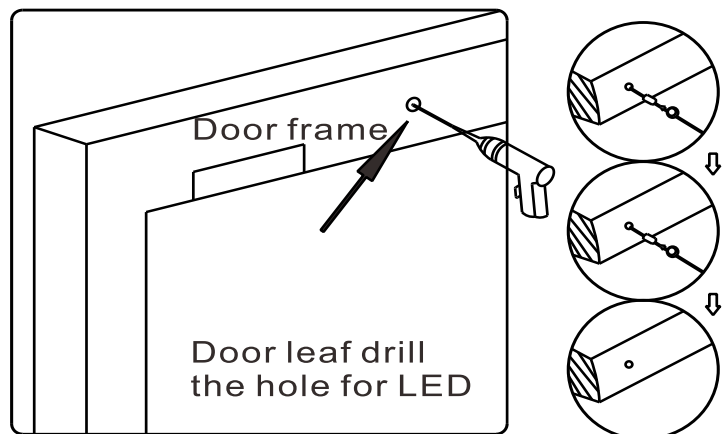
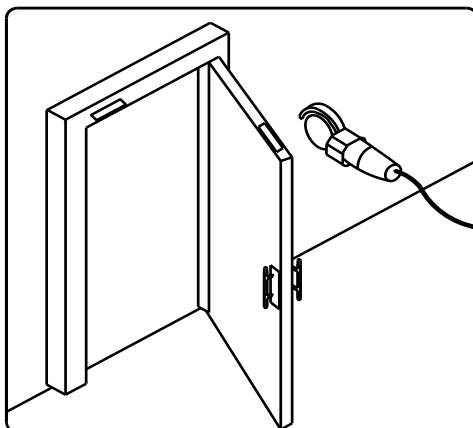


Step2:Paste the sticker
Note:Adjust the sticker to assuer the proper alignment



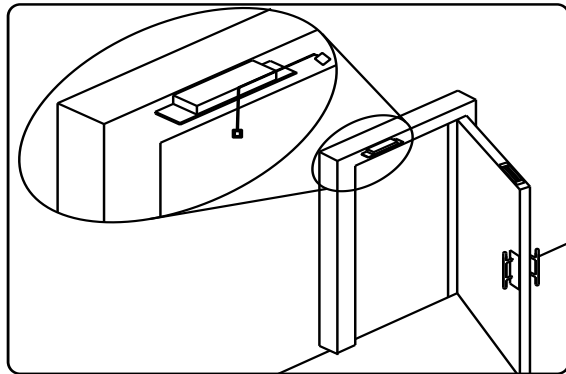
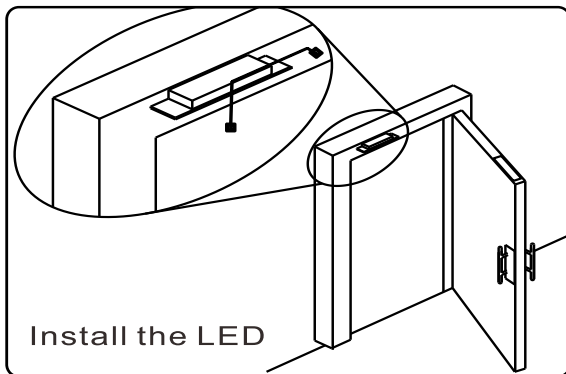
Step3:Drill the hole

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



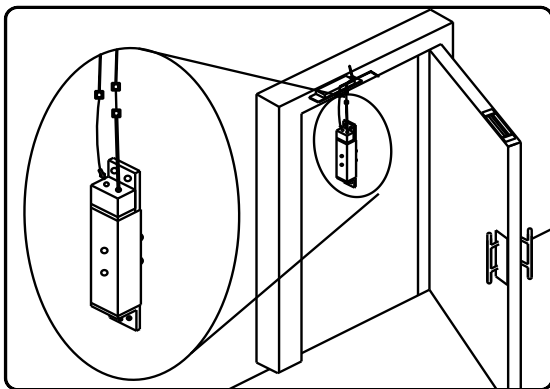
Step4:Wiring

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

