YLI ELECTRONIC

Motor Driven Mute Electric Bolt

Model: YB-1500MD(LED)

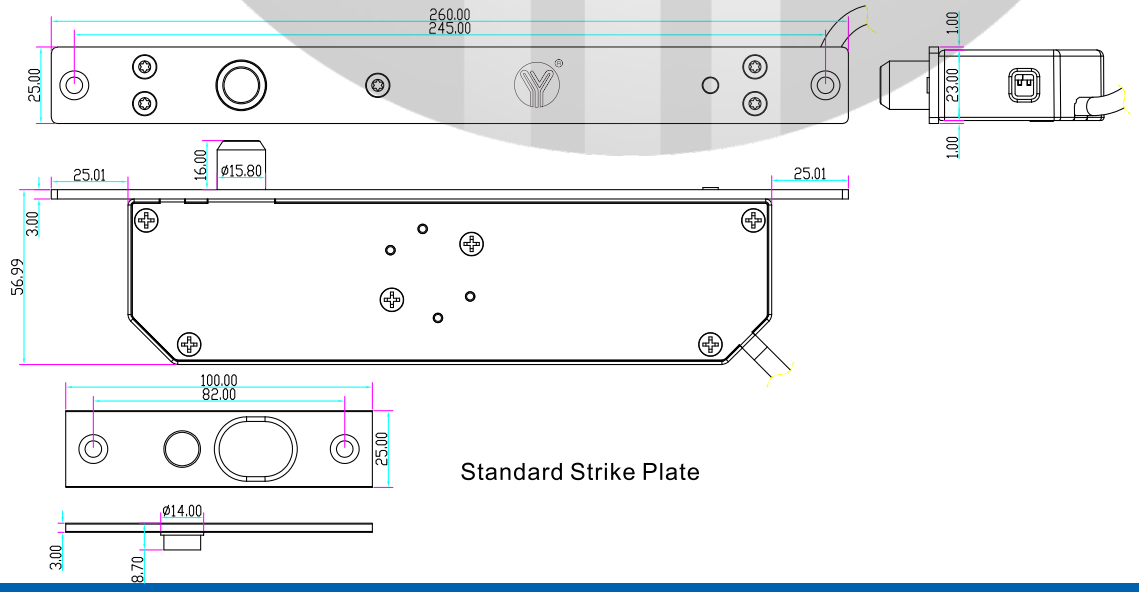
Introduction

The motor driven mute electric bolt is locked and unlocked by the activity of the bolt which is driven by the stepping motor. The stepping motor has great strength, the powerful thrust of the stepping motor can be used to push the bolt to align the door to achieve the purpose of locking when the door is deformed or skewed. All parts are made of metal material, the mechanical structure of inserting and resetting has been treated with noise reduction. The two Hall components on the PCB board can accurately locate and control the stretch out and draw back of the bolt, so that unlocking and locking can be muted. Compared with the traditional electric bolt using solenoid valve structure, when the product enters the locking and unlocking state, there is no need to power the motor continuously, low energy consumption and environmental protection. The lock can also be customized with an emergency unlocking module (external), it can be unlocked automatically in case of sudden power failure.

Parameters

Lock Body	260Lx25Wx57H(mm)
Magnetic Plate	100Lx25Wx3H(mm)
Bolt	16mm(prolongation)x15.8mm(diameter) 304 stainless steel high strength solid bolt
Voltage	12~28VDC
Current	≤500mA
Time Delay	0/3/6/9sec
Signal Output	Door signal(NO/COM) Lock signal(NO/NC/COM)
LED	Green for unlocking while red for locking
Detection Distance	Within8mm
Suitable for	Wooden door, metal door, fireproof door, glass door
Material	304 stainless steel, wire draw finishing
Weight	1.25kg

Dimensions



Standard Strike Plate

Time Delay

Adjust the delay time for locking auto maticly 0/3/6/9 secs.

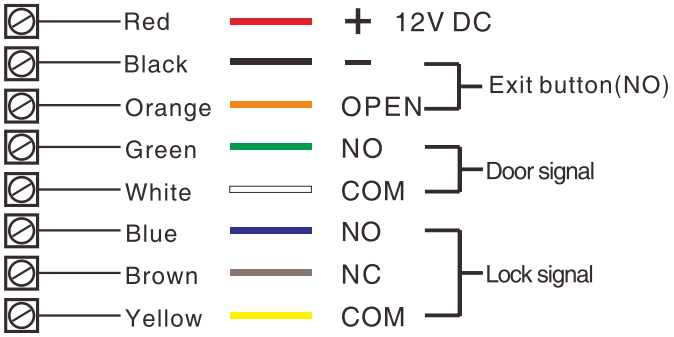

0.0 S E C


6.0 S E C

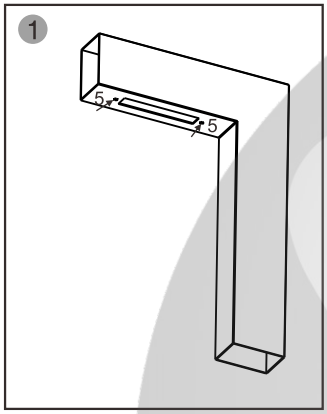

3.0 S E C


9.0 S E C

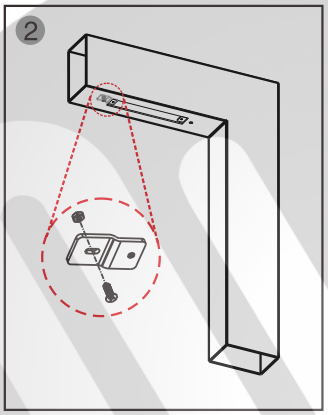
Wiring Diagram



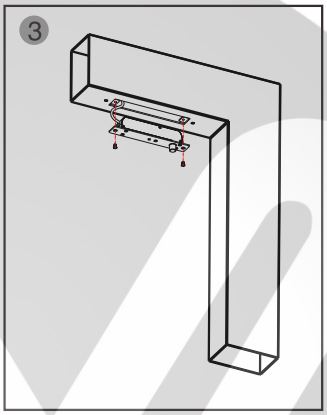
Installation Steps



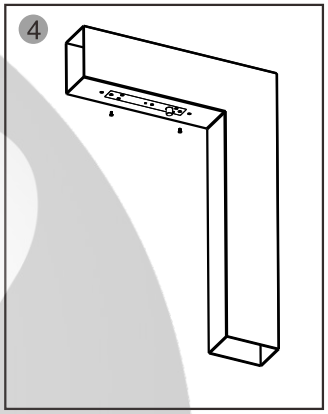
Incise the location of face plate and magnetic plate in the door leaf and door farme according to the mark of lore size



Mount extended slice



Connect power supply line and test



Tighten the screws

Installation Schematic