YLI ELECTRONIC

Fail Safe Electric Bolt for Fully Frameless Glass Door
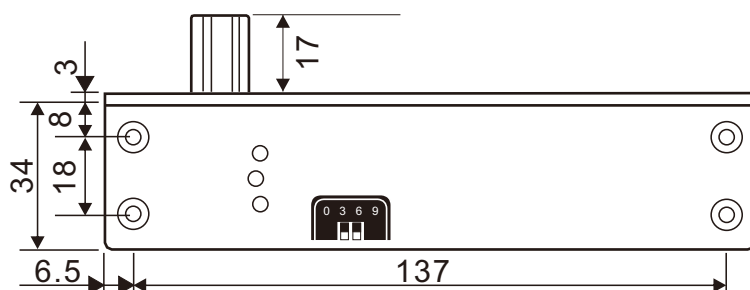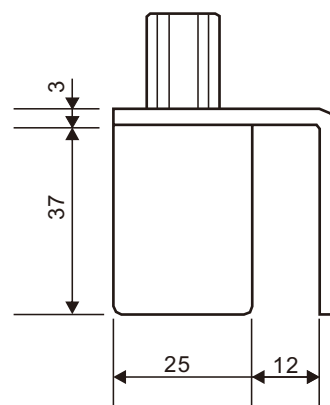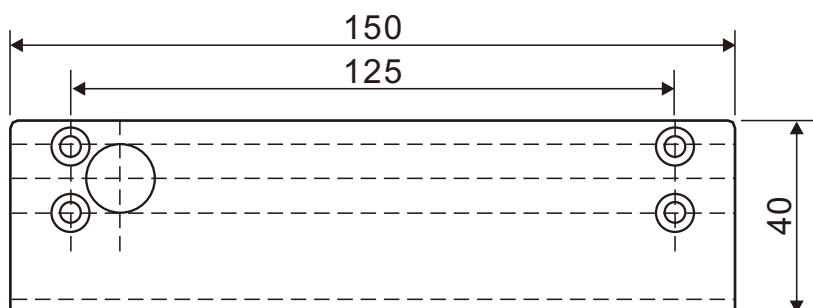## Model:YB-500U(LED)

CE | ETS Germany | EMC tested | MA

Parameters

Face Plate	150Lx40Wx37H(mm)
Bracket	150Lx40Wx37H(mm)
Bolt	16mmDIA,stainless steel 13mm throw
Signal Output	NC/COM
Time Delay	0/3/6/9sec
Voltage	12VDC
Current	Start 960mA,Standby 130mA
Fail Safe	Locked when energized
Suitable for	12mm Electric Bolt for Fully Frameless Glass Door
Weight	1.36kg

Dimensions

Model	Red	Black	White	Green	Orange
YB-500U	+	−	COM	NC	Open

AUTOLOCK TIME DELAY SETTING

0 SEC | 3 SEC | 6 SEC | 9 SEC

Steps

1. Ensure the installation postion, clean the glass surface.
2. Fix the spacer inside the U bracket,quantity of spacer can be increased according to the thickness of glass.
3. Paint the glass cement on the internal sideway of the under-part bracket.
4. Srew the bracket by the Allen key.

Glass Door

Electric Bolt

Lock Cylinder

Magnetic Plate

>5mm
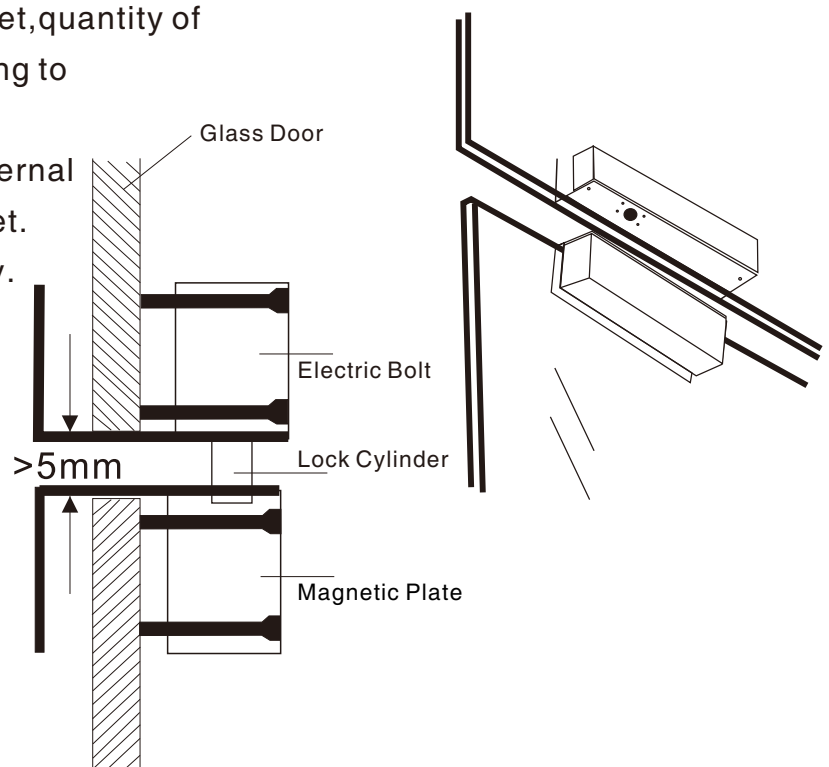
Attentions:

1. YB-500U is specially for the 180 degree in-swing and out-swing frameless glass door.
2. The thickness of glass door is 10-14mm
3. The gap bewteen the down-bracket and electric bolt is : 5-8mm.

Wiring Diagram

ELECTRIC DOOR BELL

ACCESS CONTROL

POWER SUPPLY

H N.C L	N.O	N.O	+	−	N.C COM N.O
TAMPER	EG GND	DOOR BELL	12VDC		OUTPUT

Push	+ GND	N.C GND N.O
	12V	OUTPUT 1

N.O.
connect to door bell

ALARM SYSTEM

N.C. HIGH POTENTIAL
LOW POTENTIAL

24 HOUR N.C
PROTECTION ZONE

RELEASE BUTTON
(INSIDE THE HOUSE)   N.O.

MORE RELEASE BUTTONS
CAN BE CONNECTED
IN PARALLEL   N.O.

ELECTRIC BOLT

− ☒ +

N.C