

# The manual of electric bolt lock (Model 1080SS)

## I 、 Brief Introduction

1080SS is a new electric lock with perfect combination in technology and fashion, noble and novelty in appearance. The panel adopts rose gold blast sanding, stable and reliable performance. It has function of locking magnetic force, strong anti-interrupt force, and the lock body will not get hot with long-time service, more safe and reliable.

## II 、 Technical parameters

Working voltage:  $12\text{VDC} \pm 10\%$

Working current: Operate current: 450mA

Static current: 450mA

Control signal output of door status: Signal current  $\leq 300\text{mA}$ ,  
Signal voltage  $\leq 36\text{VDC/AC}$

Ambient temperature:  $25 \sim 55^\circ\text{C}$

Relative humidity:  $10\% \sim 90\%\text{RH}$

Winding type: Work continuously type

Fail safe: Power on locking, power off unlocking

Length of the drop bolt: 15mm

Locking way: Magnetic Induction

Dimension:  $203\text{mm} \times 33.5\text{mm} \times 42.5\text{mm}$

## Wiring Direction

Red  $\longrightarrow$  Anode of power supply

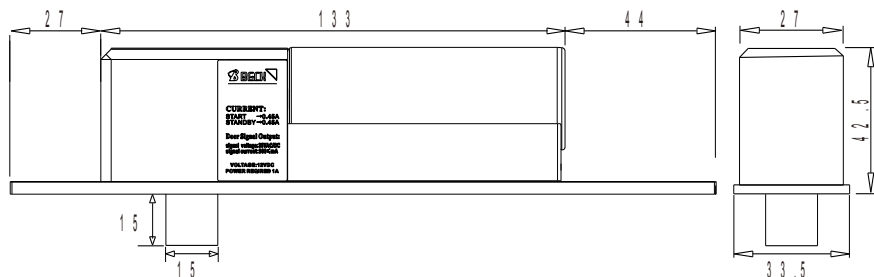
Black  $\longrightarrow$  Cathode of power supply

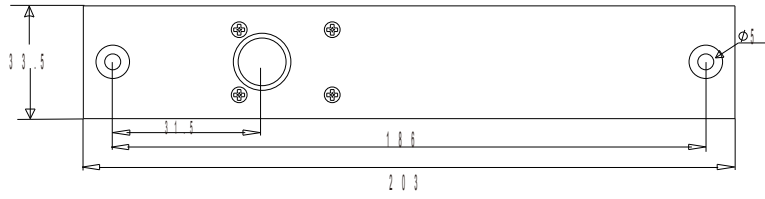
Blue  $\longrightarrow$  (NO) normally open (door status)

White  $\longrightarrow$  (COM) Neutral point (door status)

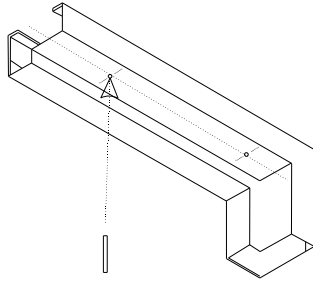
## III、 Measurement

### Lock body

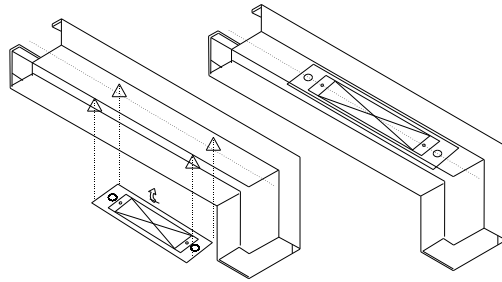




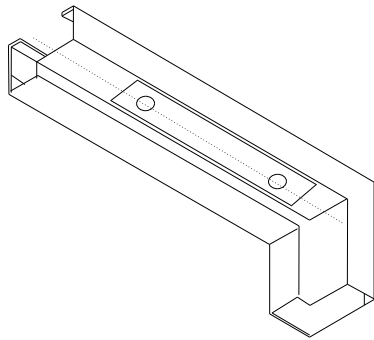
#### IV、 System connection diagram



1、 Close the door first; make sure the lock installation position is right in the center line.

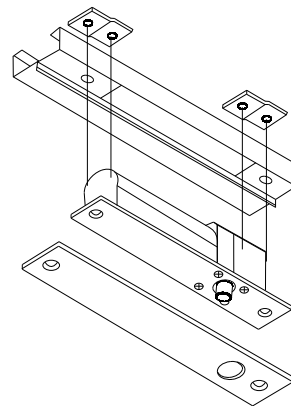


2、 Labeled the sticker in the middle center

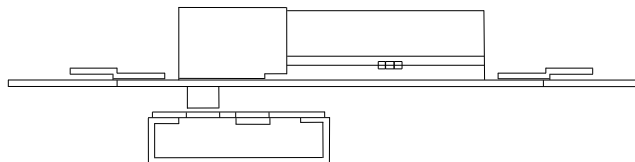


3、 Use electric drill or other equipment drill two 5.5~6.0 extender mounting hole in the doorframe , drill countersink 5.5mm×10mm;

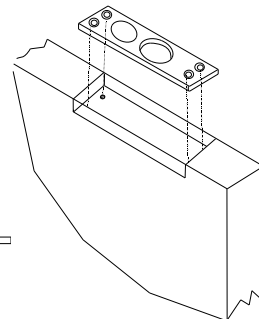
4、 Cut up the hole with handheld cutter bar or other equipment.



5、 Install electric bolt lock



6、 complete schematic diagram



## V、Original packing list

Electric bolt lock: 1 piece  
Plate cover : 1 piece  
Induction strike: 1 piece

Accessories of screw: 1 bag  
Instruction : 1 paper