

Heavy Duty Surface Mount Electric Strike (ES-SM450)

NO/NC Adjustable

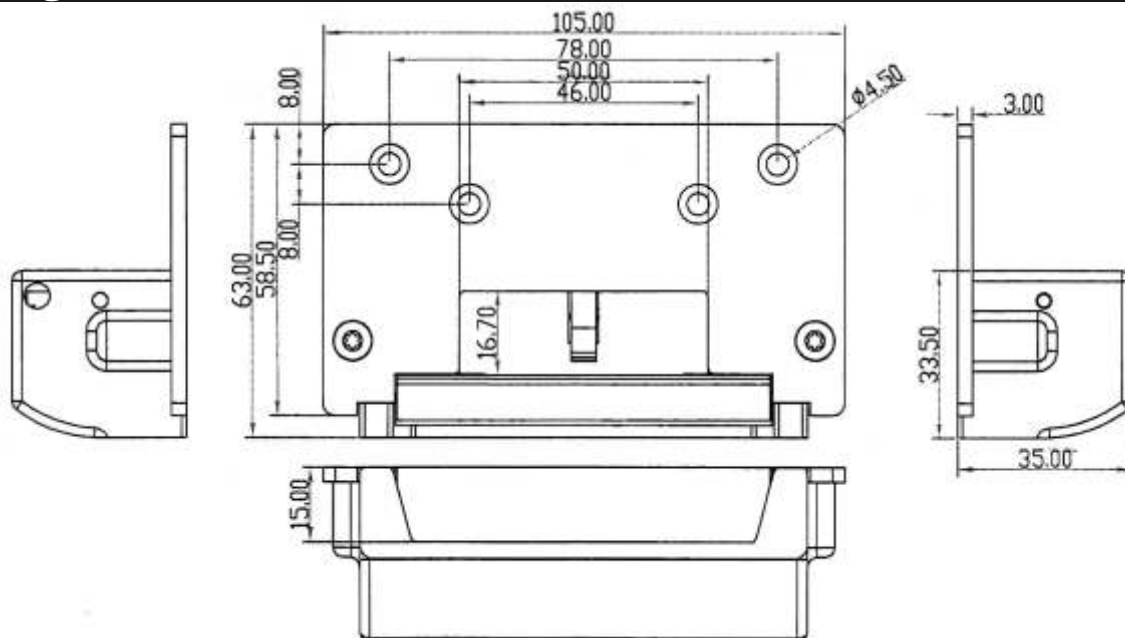
Functions

- Surface mounted electric strike, no need to slot on door frame, easy to install; with door signal output
- Static strength rating of 450kg force
- Solenoid valve has been tested 250,000 times (UL laboratory)
- More than 500,000 times aging test
- NC/NO adjustable (Adjustable Fail Safe or Fail Secure)
- Factory default: NC mode (Fail safe)
- SS 304 stainless steel faceplate, precision cast SS 304 high-strength strike keeper

Technical Parameters

Dimensions	L105 x W63 x H35 (mm)
Keeper depth	12mm
Keeper width	50mm
Voltage	DC12V
Current	12V/280mA(±10%)
Door signal output	Door status signal output:NO/NC/COM contacts
Installation method	Surface mounted (use with mechanical locks)
Application	Wooden doors, metal doors, fire doors
Applicable temperature	-20°C~+55°C (-4-131 °F)
Applicable humidity	0~95% relative humidity
Material of housing	Zinc alloy (high temperature painted)
Material of faceplate	SS 304 stainless steel (surface brushed)

Diagram (units mm)



Wiring Diagram

Red : +
Black : -

DC 12V(Default)

Signal Output

Yellow: NC } N.O. contact output closed status
White: COM } Common terminal
Green: NO } N.C. contact output : closed status



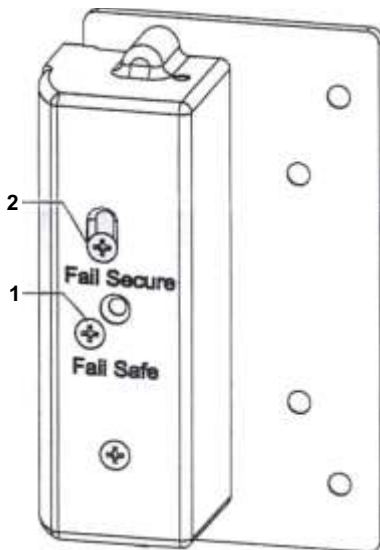
Conversion of NO and NC

You can set the operation mode of Fail Safe or Fail Secure.

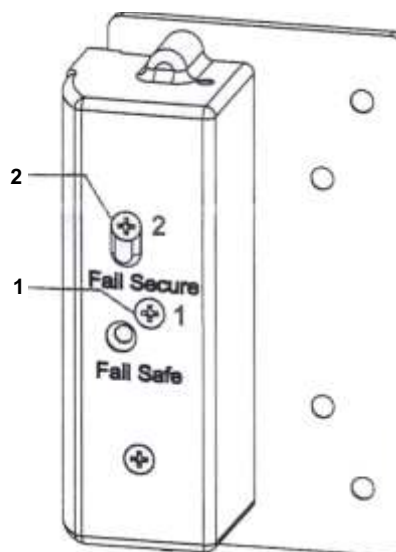
Fail safe (NC mode): When power off, the door is in unlocked state

Fail secure (NO mode): When power off, the door is in locked state

Remove screw 1 and loosen screw 2, slide screw 2 to the other end of the oblong hole, replace screw 1 to "Fail secure" position, conversion completed.



Fail Safe (NC)



Fail Secure (NO)

Tips: Please loosen and slide screw 2 carefully, do not take it out, otherwise it will cause the internal solenoid valve to fall off.