

# Electric Strikes Installation Instruction

## GK-300 Series ANSI Sized Electric Strikes

### Specifications

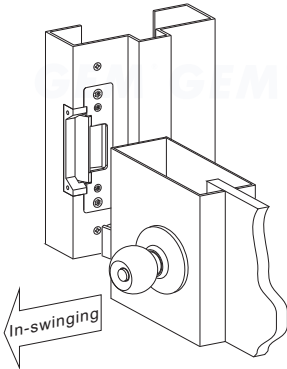
Operating Voltage	12VDC (or 24VDC)
Voltage Tolerance	±15%
Current Draw (at temperature 20°C)	0.28A/12VDC 0.14A/24VDC
Operating Temperature	-10°C~45°C
Humidity	0~95%
Lock's surface Temperature (when the power is on)	can not exceed ambient temperature by 20°C
<b>Optional</b>	LP-025, LP-050

	Hollow metal Frames	Wood Frames	Switch Monitored	Installation	Application Locksets
GK-300	●			Flush Mounting	Spring latch
GK-300M	●		●	Flush Mounting	Spring latch
GK-301		●		Flush Mounting	Spring latch
GK-301M		●	●	Flush Mounting	Spring latch
GK-310	●			Flush Mounting	Latch-bolt lock
GK-310M	●		●	Flush Mounting	Latch-bolt lock
GK-311		●		Flush Mounting	Latch-bolt lock
GK-311M		●	●	Flush Mounting	Latch-bolt lock
GK-350	●	●		Surface Mounting	Night Latch

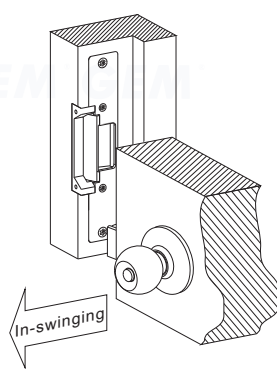
### Important Notes

The GK-300 series electric strikes are designed for use with cylindrical locks and mortise locksets (without deadbolt) having up to 12 mm throw latchbolt.

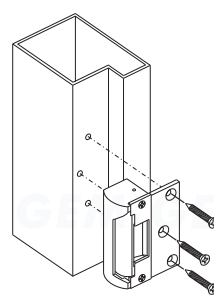
**GK-300, GK-300M**  
Hollow Metal Frames



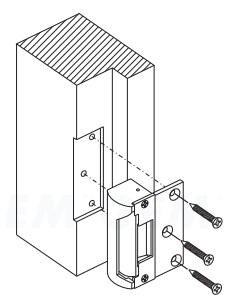
**GK-301, GK-301M**  
Wood Frames



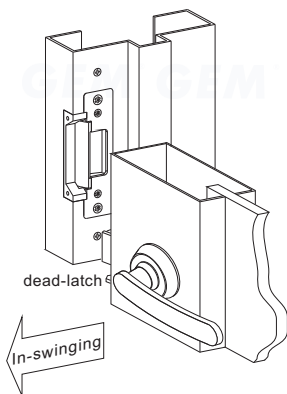
**GK-350**  
Hollow Metal Frames



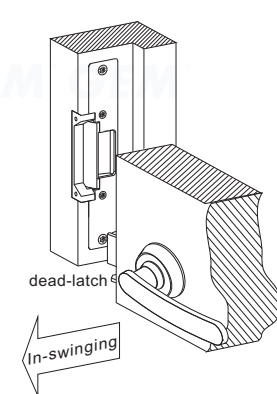
**GK-350**  
Wood Frames



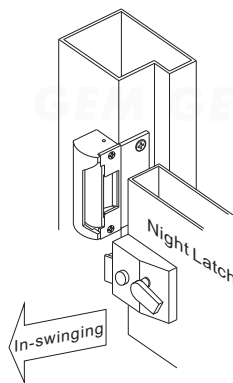
**GK-310, GK-310M**  
Hollow Metal Frames



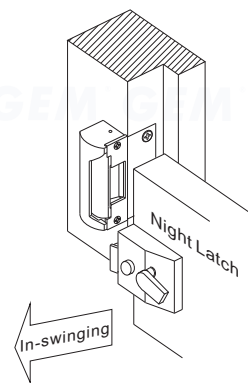
**GK-311, GK-311M**  
Wood Frames



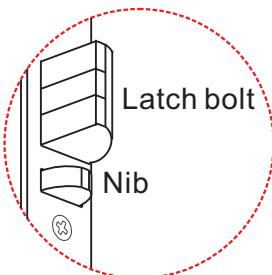
**GK-350**  
Hollow Metal Frames



**GK-350**  
Wood Frames



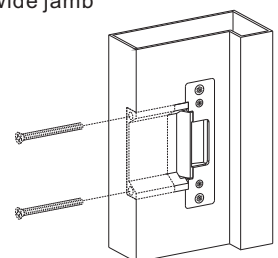
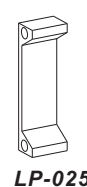
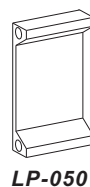
### What's Latch bolt lock ?



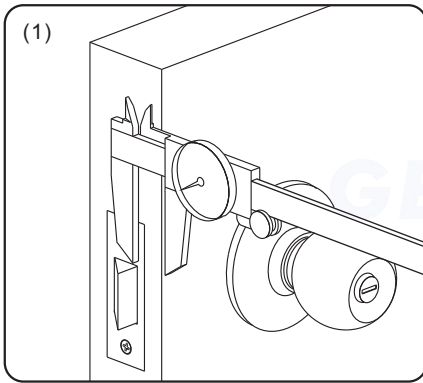
A latch bolt lock is a lock comprising a latch bolt and a nib. When the door is closed, the nib makes the latch a dead bolt. The latch bolt locks into the strike keeper of the door frame to make sure that it is closed.

### Optional Bracket

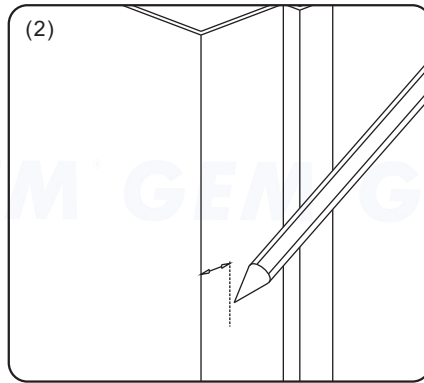
Lip extension brackets for wide jamb



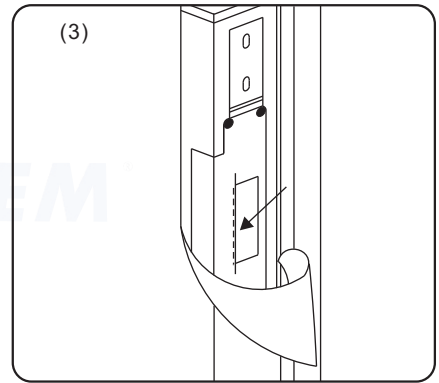
## Installation Instructions



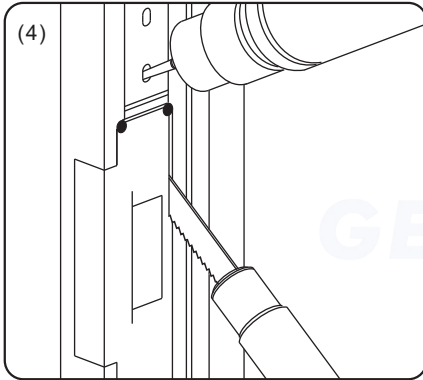
(1) Measure latch position



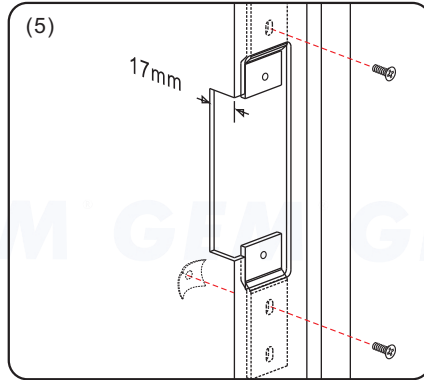
(2) Mark latch position line



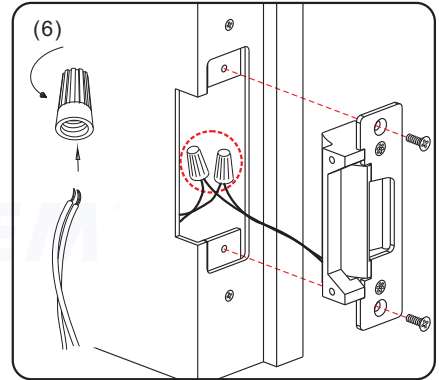
(3) Stick template align to marked latch line



(4) Hole cut using template



(5) Fixing plug



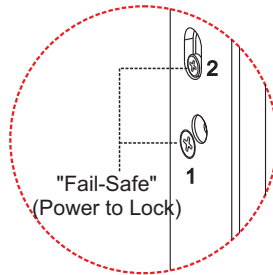
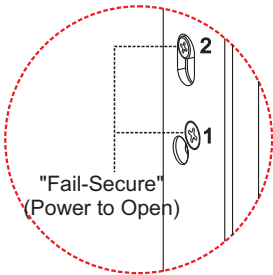
(6) Connect wires and insulate before install strike.

### Caution:

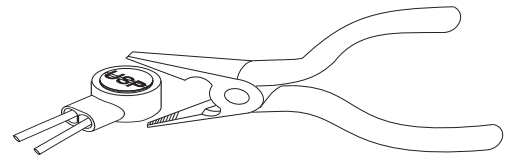
Strike is not re-locking or is not unlocking, please check for proper alignment between strike keeper and latch bolt, realign faceplate if necessary.

## How to Change Version ?

Field reverse by changing position of screws

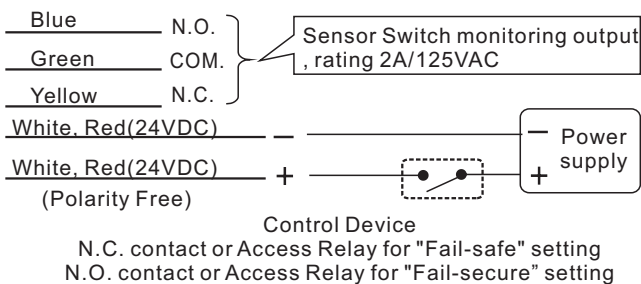


## Butt Splice( IDC) Connector



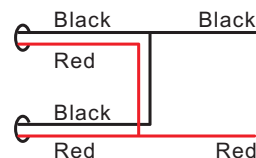
Using crimper or pliers and pressing the header of connector down to even position

## Single voltage Connecting Diagram



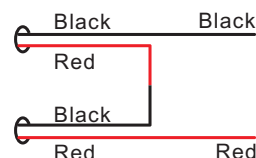
## Dual voltage Connecting Diagram

For the 12 VDC operation, the electric strikes have to connect **in Parallel**.



**12V DC**  
 (Power input is polarity free)  
 0.28 A/12VDC

For the 24 VDC operation, the electric strikes have to connect **in series**.



**24V DC**  
 (Power input is polarity free)  
 0.14 A/24 VDC