Electric Strikes Installation Instruction

GK-300 Series ANSI Sized Electric Strikes

Specifications

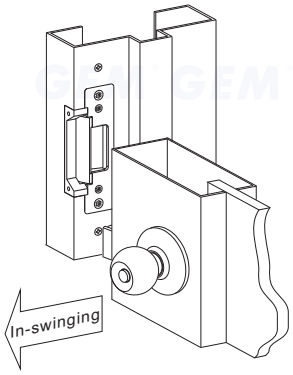
Power Input	12VDC (or 24VDC)
Voltage Tolerance	15%
Current Draw: (at temperature 20℃)	250mA@12VDC 150mA@24VDC
Operating Temperature	-10~+45℃
Humidity	0~95%
Lock's surface Temperature (when the power is on)	≦current temp. +20℃
Optional	LP-025, LP-050

	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	Nib
GK-310M	●		●	Flush Mounting	Nib
GK-311		●		Flush Mounting	Nib
GK-311M		●	●	Flush Mounting	Nib
GK-350	●	●		Surface Mounting	Night Latch

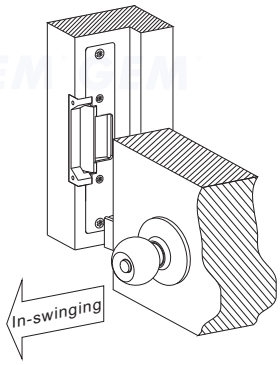
Important Notes

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.

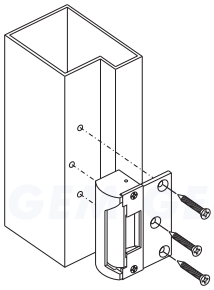
GK-300, GK-300M
Hollow Metal Frames



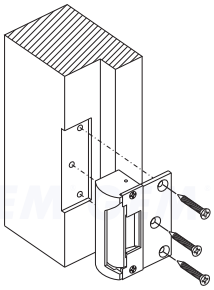
GK-301, GK-301M
Wood Frames



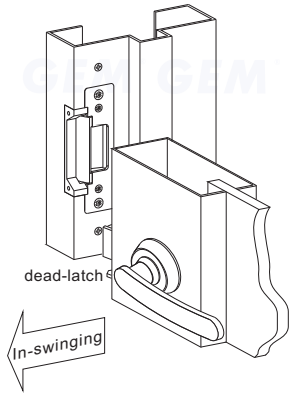
GK-350
Hollow Metal Frames



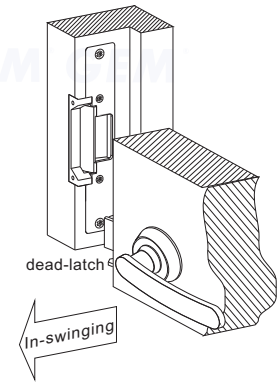
GK-350
Wood Frames

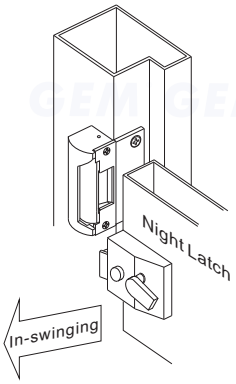


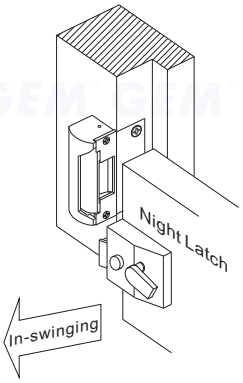
GK-310, GK-310M
Hollow Metal Frames



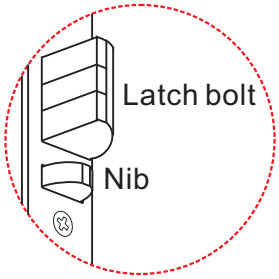
GK-311, GK-311M
Wood Frames







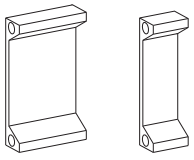
What's Latch bolt lock ?



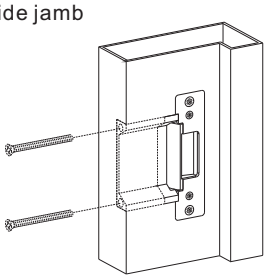
A latch-bolt lock that is a lock equipped with a Nib and a latch bolt. When the door is closed, the Nib will make the latch bolt a dead latch, and latch bolt will slide from door into frame and momentarily fills into the cavity of strike keeper that preventing the door from opening or the latch bolt from jimmying. The Nib This security feature is more suitable for outward opening doors.

Optional Bracket

Lip extension brackets for wide jamb



LP-050 ***LP-025***



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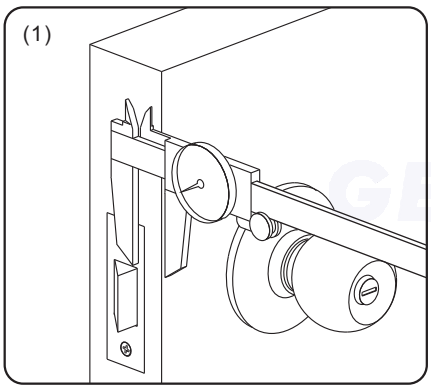
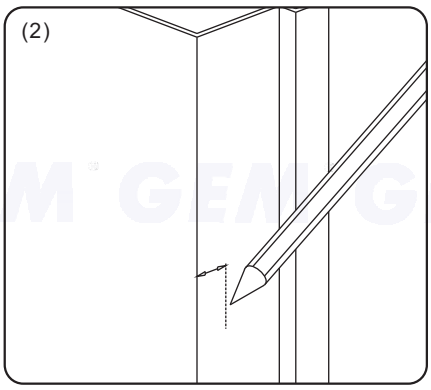
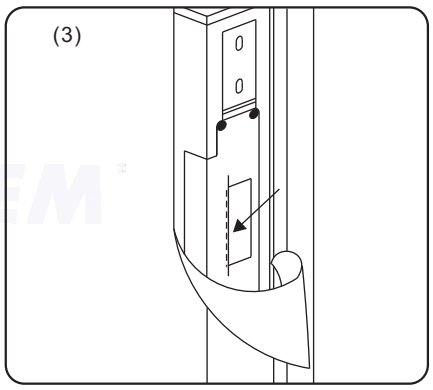
Installation Instructions



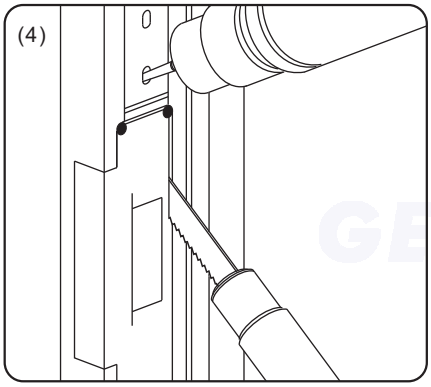
Measure latch position



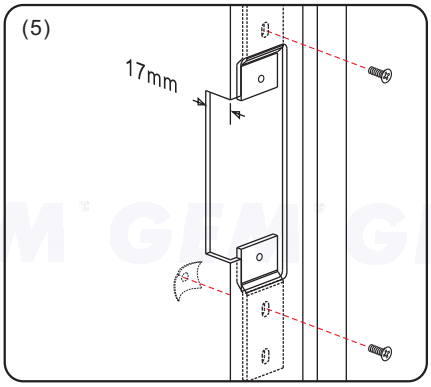
Mark latch position line



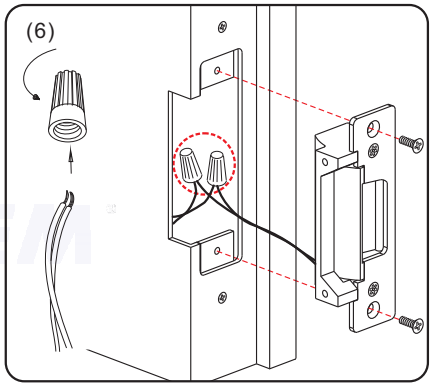
Stick template align to marked latch line



Hole cut using template



Fixing plug



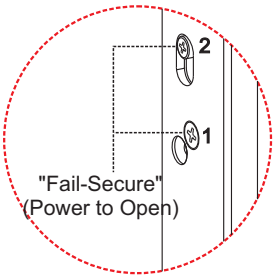
Connect wires and insulate before install strike.

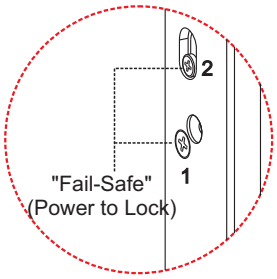
Caution:

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

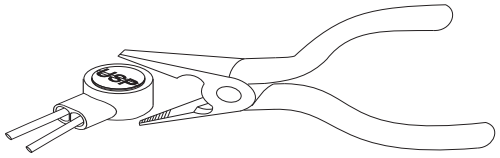
How to Change Version ?

Field reverse by changing position of screws



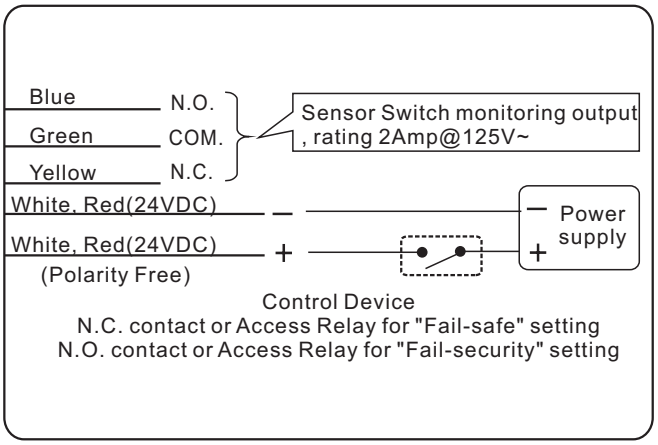


Butt Splice(IDC) Connector



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

Single voltage Connecting Diagram

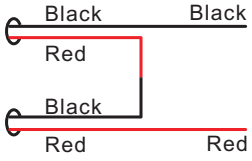


Dual voltage Connecting Diagram

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

12V DC
(Power input is polarity free)

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



24V DC
(Power input is polarity free)

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