Electric Strike Installation Instruction

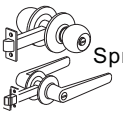
GK300-1224 Series ANSI Size Electric Strikes

Specification

Operating Voltage	12/24 VDC
Voltage Tolerance	±15%
Current Draw (at temperature 20°C)	0.25 A/12 VDC 0.15 A/24 VDC
Operating Temperature	-10℃~45℃
Humidity	0~95%
Lock's surface Temperature (when the power is on)	can not exceed ambient temperature by 20℃
Optional Brackets	LP-025, LP-050

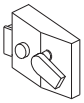
	Hollow metal Frames	Wooden Frames	Installation
GK300-1224	●		Mortise Mount
GK301-1224		●	Mortise Mount
GK310-1224	●		Mortise Mount
GK311-1224		●	Mortise Mount
GK350-1224	●	●	Surface Mount

Application Locksets



Spring latch

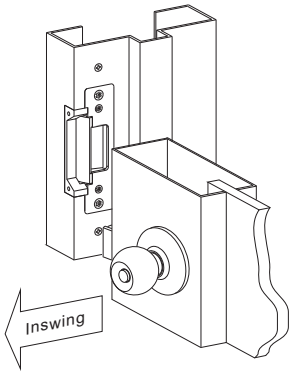
Latch-bolt lock



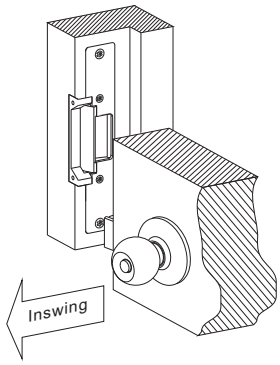
Night Latch

GK300-1224 series electric strikes are designed for spring latch or lockset (e.g. cylindrical locks). The latch bolt lock comprises a latch bolt and a Nib . The GK300-1224 electric strikes can easily be changed between fail-safe and fail-secure modes. (versions)

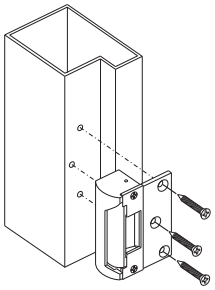
GK300-1224
Hollow Metal Frames



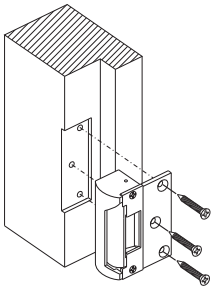
GK301-1224
Wooden Frames



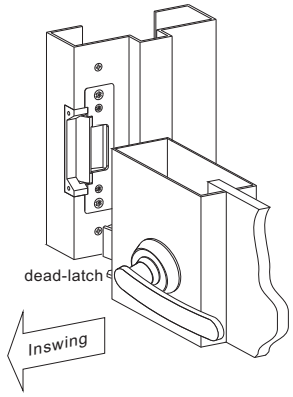
GK350-1224
Hollow Metal Frames



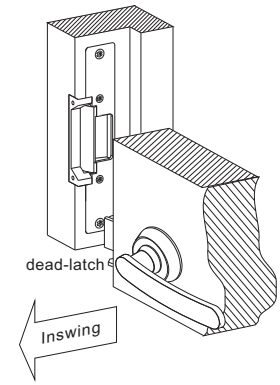
GK350-1224
Wooden Frames



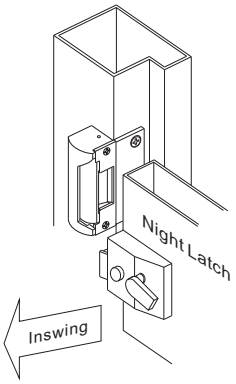
GK310-1224
Hollow Metal Frames



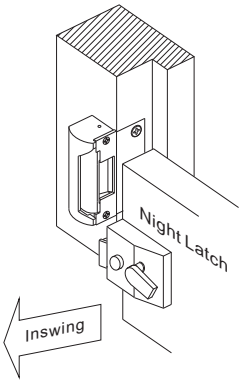
GK311-1224
Wooden Frames



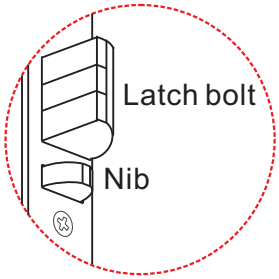
GK350-1224
Hollow Metal Frames



GK350-1224
Wooden Frames



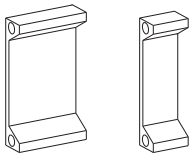
What's Latch bolt lock ?



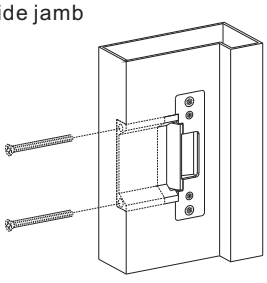
A latch bolt lock is a lock comprising a latch bolt and a nib. When the door is closed, the nib makes the latch a dead bolt. The latch bolt locks into the strike keeper on the door frame to make sure that the door is closed.

Optional Brackets

Lip extension brackets for wide jamb



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



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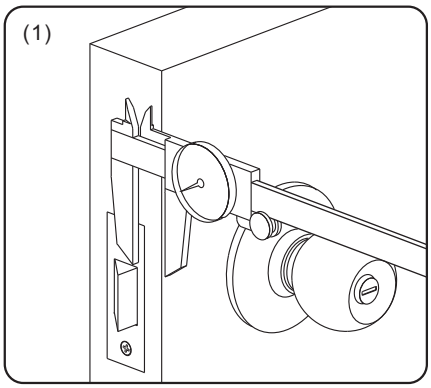
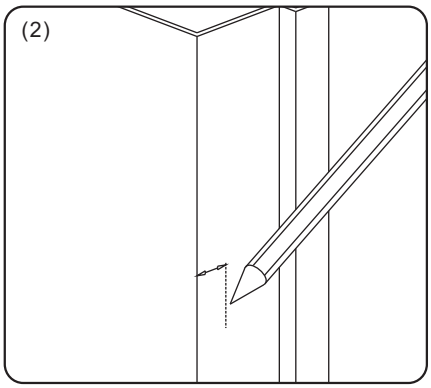
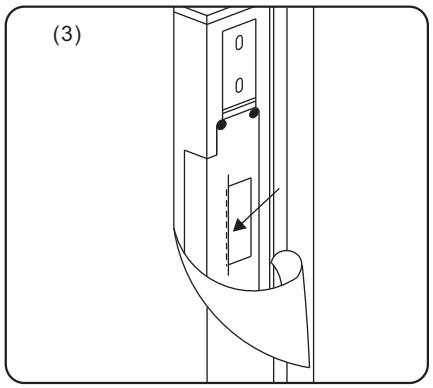
Installation Instruction



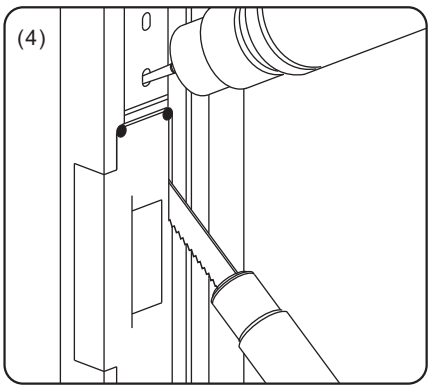
Measure latch position



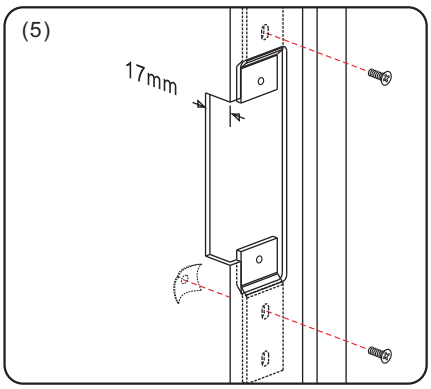
Mark latch position line



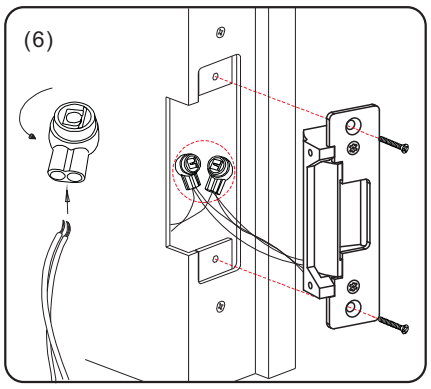
Stick template and align to the marked latch line



Cut the hole according to the template



Fix the brackets



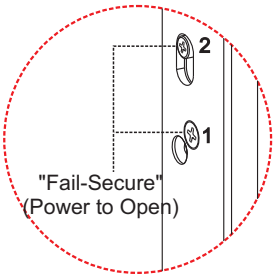
Connect wires and insulate before installing the strike

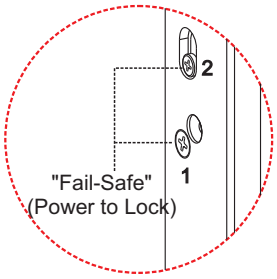
Caution:

If the electric strikes don't work, please check the alignment of the strike keeper and the latch bolt. Realign the faceplate if necessary.

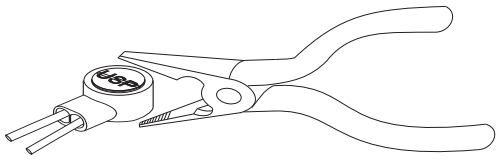
How to Change Version ?

Field reverse by changing position of screws





Butt Splice(IDC) Connector



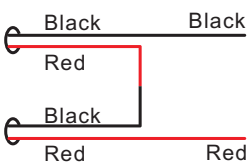
Using crimper or pliers and pressing the header of connector down to even position

Dual Voltage Connecting Diagram

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

12 VDC
(Power input is polarity free)
0.25 A/12 VDC

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



24 VDC
(Power input is polarity free)
0.15 A/24 VDC

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