

GK1270/1290 Series Electric Rim Strikes

Installation Instructions

The GK1270/1290 series electric rim strikes are surface mounted and designed with the strength and durability for use with rim exit devices with a Pullman latchbolt. No frame cutting is required for installation. They feature an optional latch monitor and a stainless steel housing. The strikes are field selectable for fail-safe or fail-secure and operate on 12/24VDC voltage.

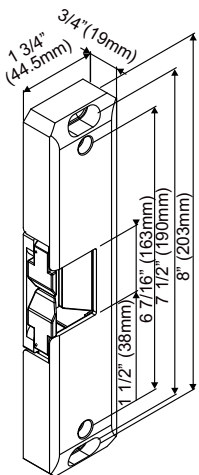
Specifications

Model	GK1270 GK1270M	GK1290 GK1290M
Operating Voltage	Dual 12/24 VDC	
Current Draw	540mA/12VDC, 270mA/24VDC	
Operating Temperature	3/4" (19mm)	1/2" (13mm)
Housing Thickness	0~85% non-condensing	
Static Strength	1500 lbs (680Kg)	
Dynamic Strength	70 ft-lbs	
Endurance Rating	250,000 cycles (UL tested) 1,000,000 cycles (Factory tested)	
Lock Mode	Field selectable fail-safe or fail-secure	

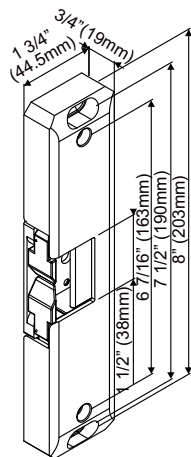
UL Requirements

- For indoor use only
- The GK1270/1290 series are intended to be used with UL Listed Exit Hardware.
- The GK1270/1290 series shall not impair the intended operation of an emergency exit.
- The GK1270/1290 series shall not impair the operation of panic hardware mounted on the door.

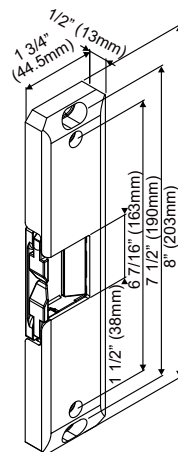
Dimensions



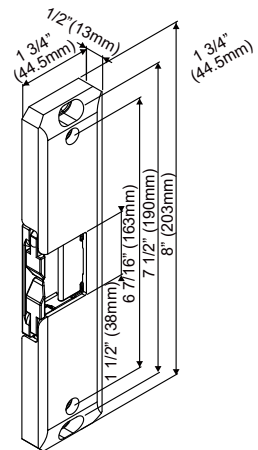
GK1270



GK1270M
(Model with Latch Monitor)

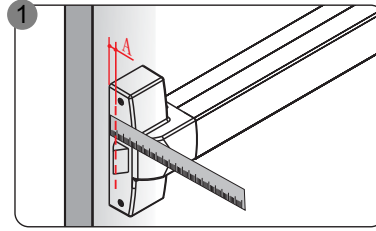


GK1290

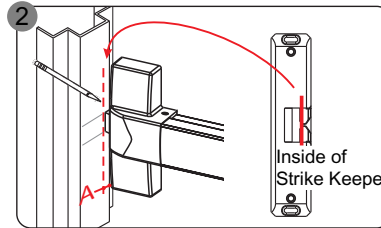


GK1290M
(Model with Latch Monitor)

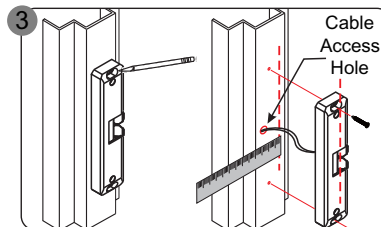
Surface Mount Installation



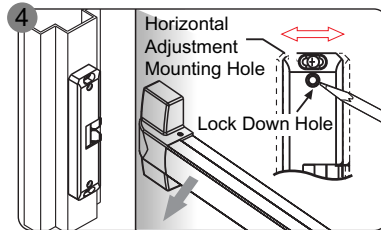
Measure latch position.



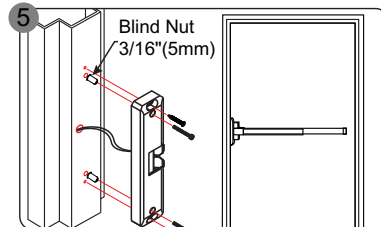
Mark latch position line on the frame. Align the marked line with the inside of strike keeper as shown.



Use the strike as a template to mark the cable access hole and two mounting holes. Drill holes, connect wires, and then mount the strike with Phillips flat-head screws.



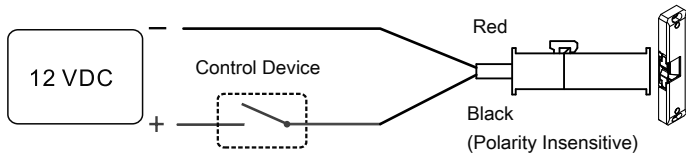
Check latchbolt interaction to see if adjusting the strike horizontally is necessary, and adjust if needed. Tighten the two mounting screws and mark the locking holes.



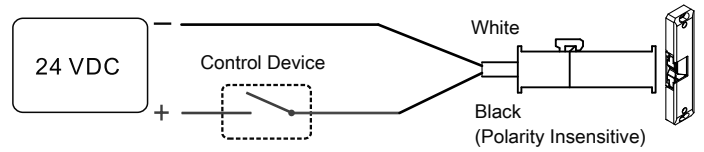
Remove the strike and drill locking holes. Install the strike and secure with blind nuts and hex socket head cap screws through the locking holes.

Wiring Diagrams

For 12VDC operation:

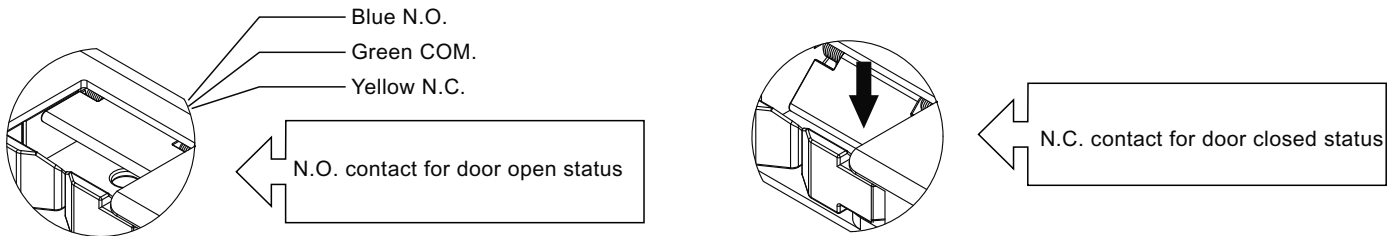


For 24VDC operation:



Latch Monitor (Option)

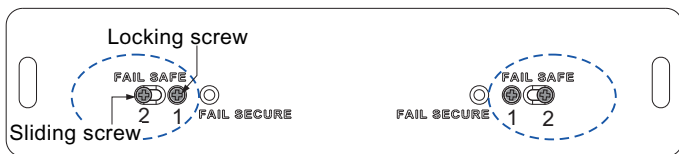
Contact rating: 1.5A/40VDC



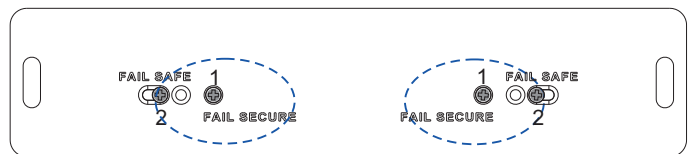
Changing Fail-Safe / Fail-Secure

Remove locking screw #1, loosen, slide and tighten sliding screw #2. Reinsert and tighten locking screw #1 to the desired fail-safe or fail-secure setting.

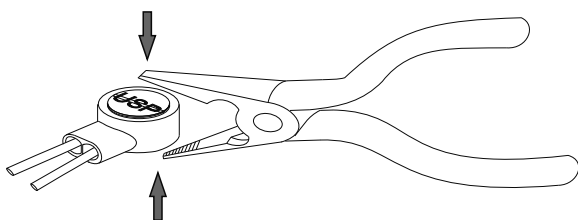
Fail-Safe



Fail-Secure



Installing the Crimp Connectors



Place the wire inside the connector and use pliers to press down on the head of the connector evenly.