

GK1279 Series Electric Rim Strikes

Installation Instructions

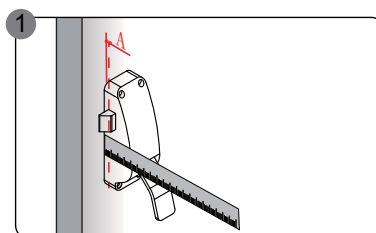
GK1279 series surface mount electric rim strikes are suitable for indoor applications and are designed specifically for emergency exit latch or push pad. The body construction is stainless steel and is field selectable for fail-safe or fail-secure operation.

Specifications

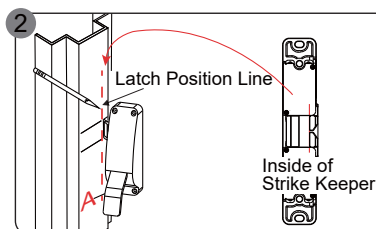
Model	GK1279 GK1279M
Operating Voltage	12/24VDC
Current Draw	540mA/12VDC, 270mA/24VDC
Operating Temperature	14°F to 120°F (-10°C~+49°C)
Humidity	0~85% non-condensing
Static Strength	1,500lbs (680Kg)
Dynamic Strength	70 ft-lbs
Endurance Rating	250,000 cycles
Lock Mode	Field selectable fail-safe or fail-secure
Finish	Brushed stainless steel (US32D)
Latch Throw (Housing Thickness)	3/4"

Surface Installation (For Exit Device Already Installed)

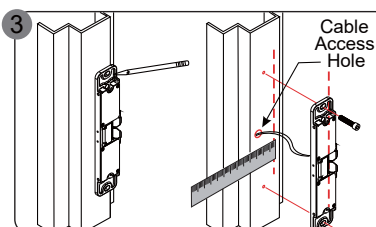
Model GK1279 is used as example below.



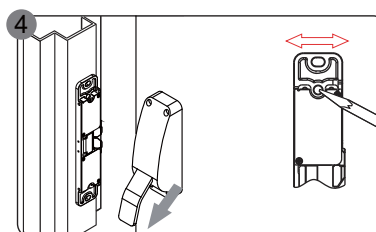
- a. Measure the exit device latch position on the door.



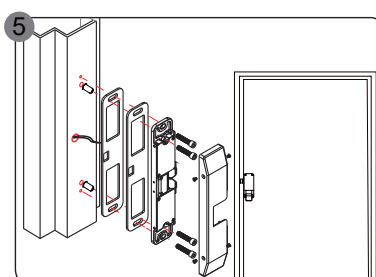
- a. Close the door and mark latch position on the frame.
- b. The latch position line will correspond with the inside of strike keeper as shown.



- a. Position the strike on the frame according to the marked latch position.
- b. Use the strike as a template; mark and drill cable access hole and two mounting holes.
- c. Loosely mount the strike with Phillips flat head screws.



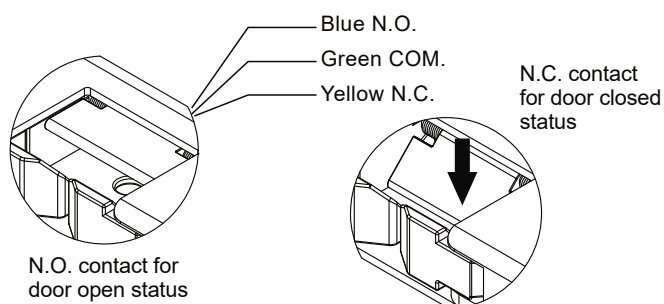
- a. Check latchbolt interaction and adjust the strike horizontally until the door latches properly.
- b. Tighten the two mounting screws and mark remaining screw holes.



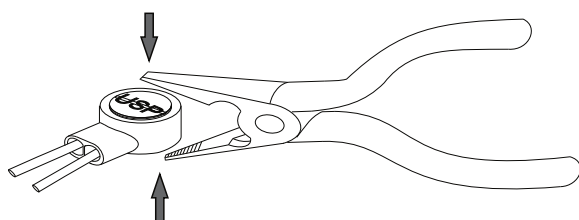
- a. Remove the strike and drill holes.
- b. Connect the wires.
- c. Insert the blind nuts into the holes and re-install the strike.
- d. Add spacers to adjust the gap between strike and exit device if necessary.
- e. Permanently secure the strike with the hex socket cap screws into the blind nuts.

Latch Monitor (Optional)

Contact Rating
1.5A/40VDC

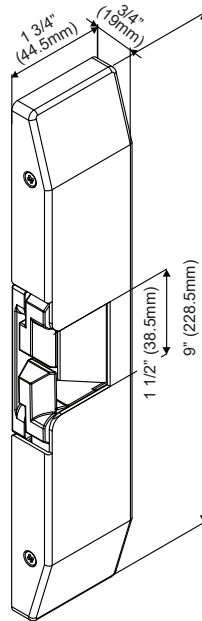
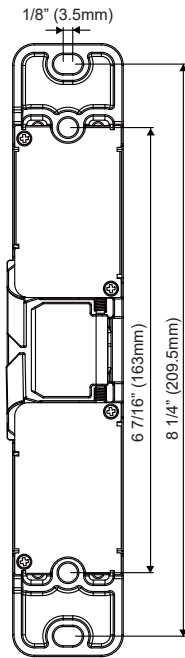


Installing the Crimp Connectors

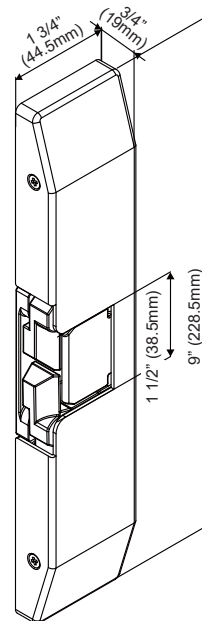


Place the wire inside the connector and use pliers to press down on the head of the connector evenly.

Dimensions



GK1279

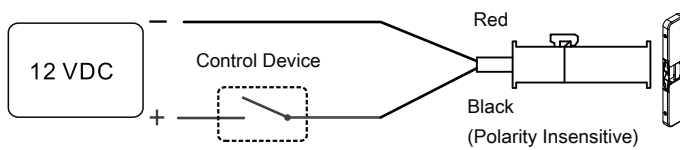


GK1279M

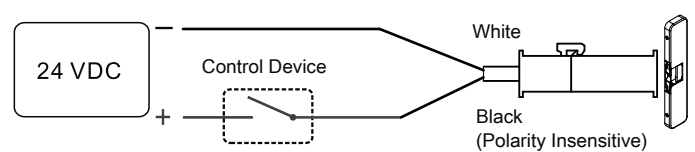
Wiring Diagrams

Using Connectors:

For 12 VDC operation:

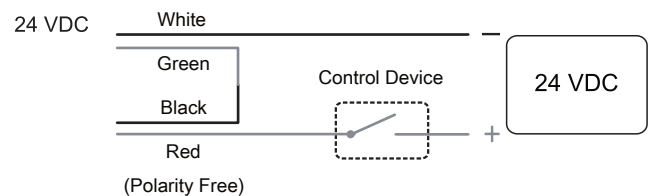
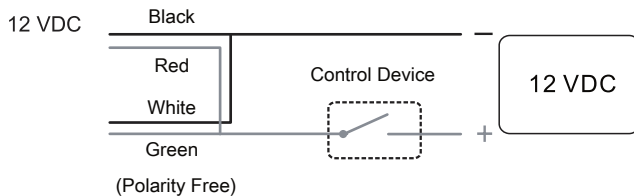


For 24 VDC operation:



Without Connectors:

Dual Voltage



CAUTION

Overheated or burnt coils caused by incorrect voltage/wire harness combinations will not be covered under warranty

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

GK1279

Fail-Secure

