

The ES1934 / ES1912 series electric rim strikes are surface mounted and designed to accommodate rim exit devices with a pullman latch. No cutting on the frame is required for installation. These strikes are field selectable for fail-safe or fail-secure mode and operate on dual voltage 12 / 24 VDC.

Available with optional latch monitor.

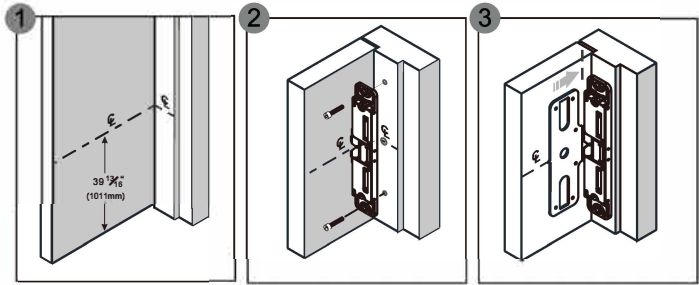
Specifications

Model	ES1934 ES1934-M	ES1912 ES1912-M
Operating Voltage	12 / 24 VDC	
Current Draw	540mA / 12VDC, 270mA / 24VDC	
Operating Temperature	14°F to 120°F (-10°C~+49°C)	
Humidity	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	
Performance Level	Destructive Attack: Level I Line Security: Level I Standby Power: Level I Endurance: Level IV	
Finish	Brushed Stainless Steel (US32D) or Black (US1)	
Frame Application	Metal or Wood	
Latch Throw (Housing Thickness)	3/4"	1/2"

UL Requirements

- For indoor use only
- The ES1934 / ES1912 Series are intended to be used with UL Listed Exit Hardware.
- The ES1934 / ES1912 Series electric strikes are access control unit accessories, intended to be controlled by an access control system. The access control systems purpose is to provide a means for controlling the locking and unlocking of external and internal doors of a premise.
- The ES1934 Series shall not be installed in the fail secure mode unless permitted by the local authority having jurisdiction and shall not interfere with the operation of panic hardware.
- The Fire Rated ES1934 Series electric strike is to be used only with UL Listed Rim Type Fire Exit Hardware, Von Duprin LLC, Model 99-F.
- Remove the Listed Fire Rated Hardware label if the ES1934 Series Electric Strike will be used in the fail safe operation. Using the above mentioned strike in failsafe operation negates the fire rating.
- The ES1934 Series Electric Strike is Fire Rated in Fail Secure operation only.

Surface Installation



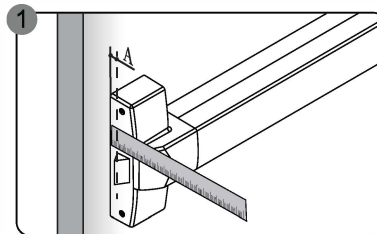
1 Measure 39 13/16" (1011mm) up from finished floor and mark strike centerline on door. Center line transfer centerline to frame.

2 Align strike on centerline and mark two slotted holes. Drill holes and install strike to frame.

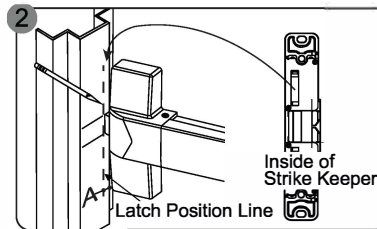
3 Align template on centerline and against strike.

Surface Installation (For Exit Device Already Installed)

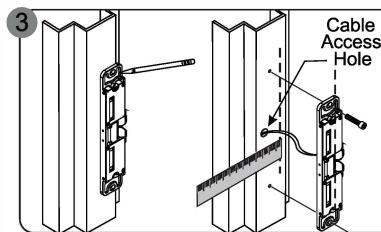
Model ES1912 is used as example below.



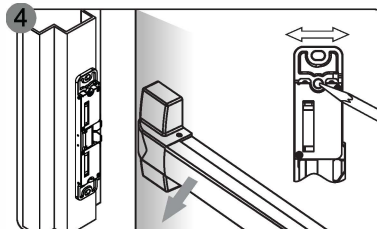
a. Measure the exit device latch position on the door.



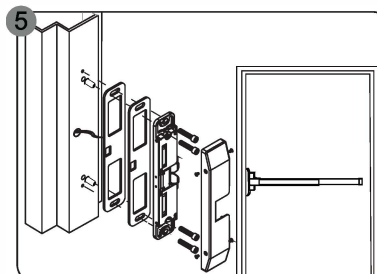
a. Close the door and mark latch position on the frame.
b. The latch position line will correspond with the inside of strike keeper as shown.



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.

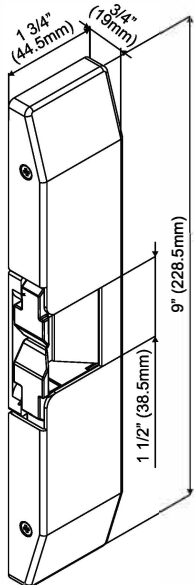


a. Check latchbolt interaction and adjust the strike horizontally until the door latches properly.
b. Tighten the two mounting screws and mark remaining screw holes.

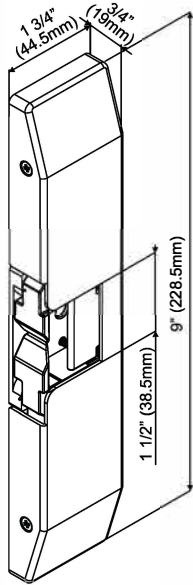


a. Remove the strike and drill holes.
b. Connect the wires.
c. Insert the blind nuts into the holes and re-install the strike.
d. Add spacers to adjust the gap between strike and exit device if necessary.
e. Permanently secure the strike with the hex socket cap screws into the blind nuts.

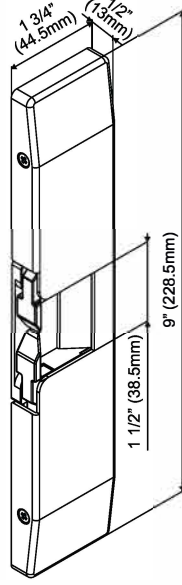
Dimensions



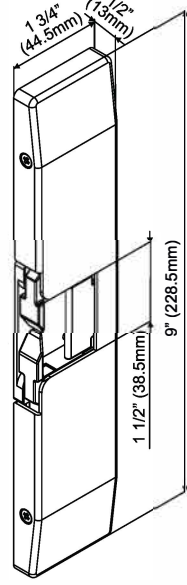
ES1934



ES1934-M
(Model with Latch Monitor)



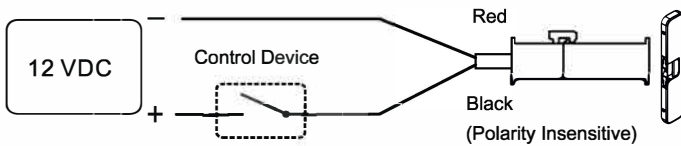
ES1912



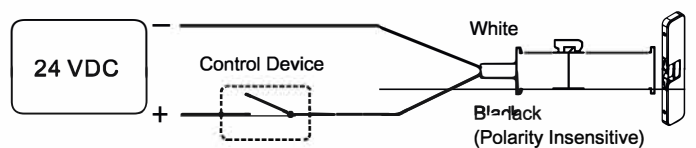
ES1912-M
(Model with Latch Monitor)

Wiring Diagrams

For 12VDC operation:



For 24VDC operation:

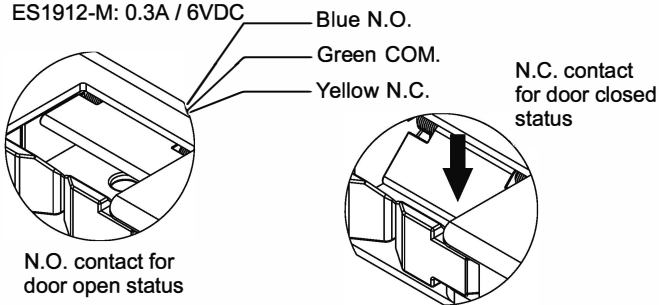


Latch Monitor (Option)

Contact Rating

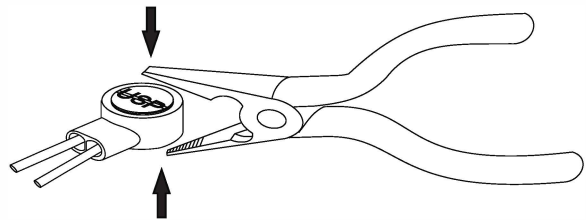
ES1934-M: 1.5A / 40VDC

ES1912-M: 0.3A / 6VDC



N.O. contact for door open status

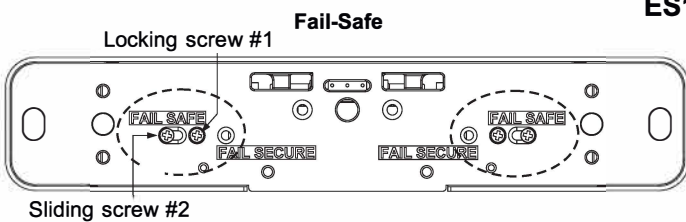
Installing the Crimp Connectors



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

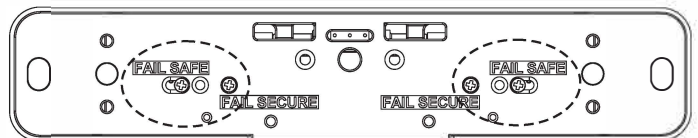
Changing Fail-Safe / Fail-Secure

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.



ES1934

Fail-Secure



ES1912

Fail-Secure



Sliding screw #2