



# Installation Instructions ROFU 2470 Electric Rim Strike

**ROFU Security International Corp.**

6818 S 220th ST

Kent, WA 98032

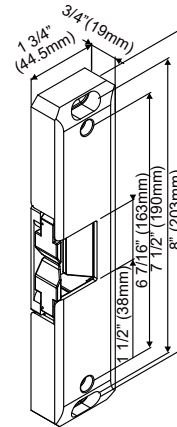
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The ROFU 2470 Electric Rim Strike is surface mounted and designed with the strength and durability for rim exit devices with a 3/4" throw Pullman latchbolt and a 3/4" thick metal housing. No cutting on the frame is required for installation. The strike is field selectable for fail-safe and fail-secure operation and for 12 or 24VDC. It is for indoor use only.

## Dimensions



2470

## Pre-Installation

1. Measure and mark the door latch line and the centerline of the door. See "Surface Mount Installation".
2. Prepare the door frame for installation.
3. Set either fail-safe or fail-secure operation. See page 2.
4. Connect to power. See "Wiring Diagram" on page 2.

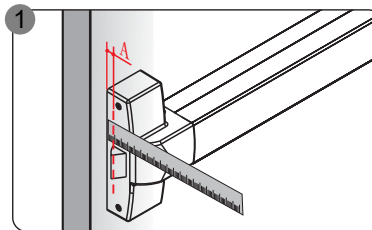
## Specifications

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	1500 lbs
Dynamic Strength	70 ft-lbs
Endurance Rating	250,000 cycles 1,000,000 cycles (Factory tested)
Lock Mode	Field selectable fail-safe and fail-secure

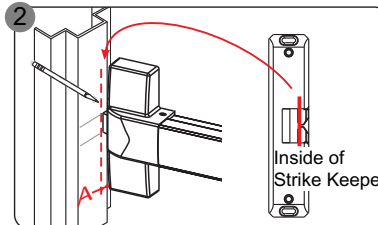
## Parts List

Strike .....	x 1	Butt splice connectors.....	x 2
Blind nut kit .....	x 1	Stainless steel mounting tabs.....	x 3
Blind nuts .....	x 2	24VDC cable connector.....	x 1
Allen wrench (Hex key) .....	x 1	12VDC cable connector.....	x 1
Hex socket head cap screws ...	x 2	Manual.....	x 1
Philips flat head screws .....	x 2		

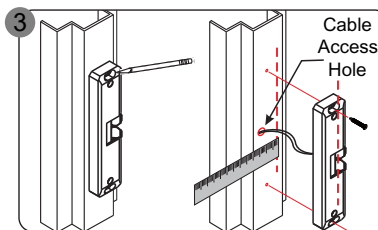
## Surface Mount Installation



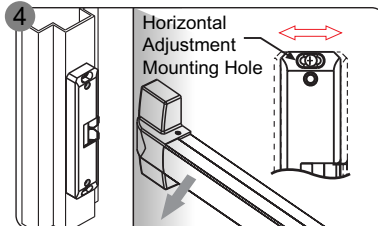
Measure latch position.



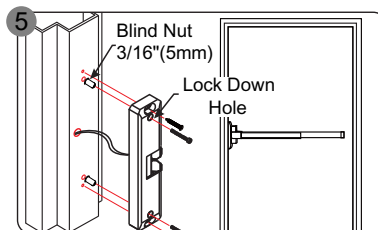
Mark latch position line on the frame. Align the marked line with the inside of strike keeper as shown.



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 Philips flat head screws.



Check latchbolt interaction to see if horizontal adjustment is necessary. Adjust if needed.



Lock down the horizontal adjustment to secure the strike. See "Horizontal Adjustment and Lockdown" on page 2.



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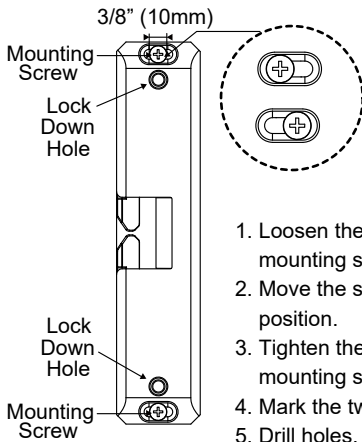
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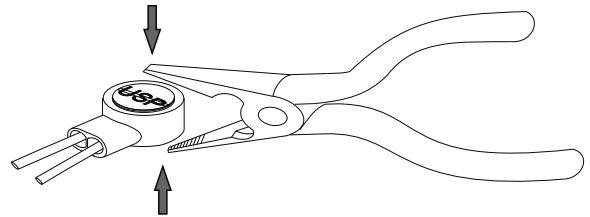
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## Horizontal Adjustment and Lockdown



1. Loosen the two 3/16" x 1 1/4" (5 x 32mm) mounting screws.
2. Move the strike horizontally to the appropriate position.
3. Tighten the two 3/16" x 1 1/4" (5 x 32mm) mounting screws.
4. Mark the two locking holes and remove the strike.
5. Drill holes. Install the strike and secure with blind nuts and hex screws through the locking holes.

## Installing the Crimp Connectors



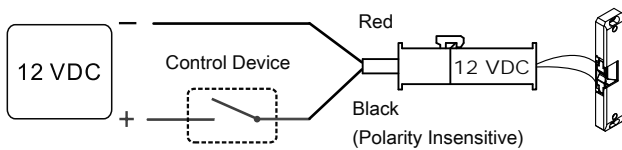
Crimp connectors are provided to make wiring connections easier and more reliable. To install the connectors:

1. Insert the wires into the connector.
2. Use a crimping tool or pliers to evenly press down on the head of the connector.

## Wiring Diagrams

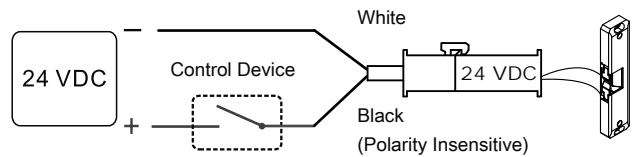
### For 12VDC operation:

1. Use the included wiring connector marked 12VDC.
2. Plug the male wiring connector into the female wiring harness connector of the door strike



### For 24VDC operation:

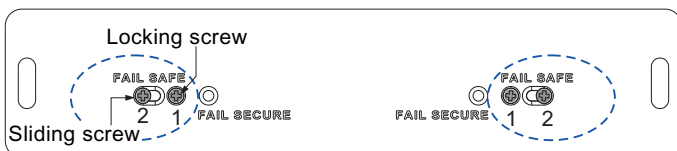
1. Use the included wiring connector marked 24VDC.
2. Plug the male wiring connector into the female wiring harness connector of the door strike.



## 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

