



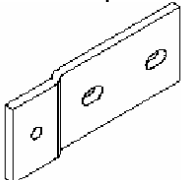









## LTKL 101 Electric Strike

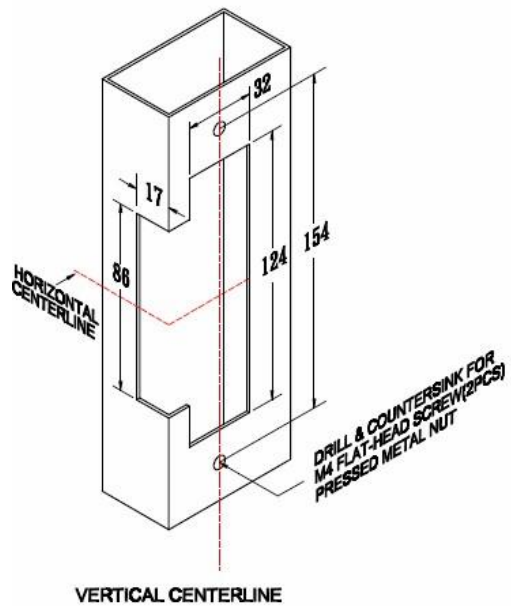
Featured with a built-in door status sensor, the LTK101 is a fail-secure electric strike, but it is field convertible from fail secure to fail safe. It can be mounted either right or left reversibly on the doorjamb, providing remote release of a locked door.

### Packing List

1. LTKL101 electric strike x 1 	2. Aluminum spacer x 6 
3. Clip nut x 2 	4. Lock washer x 2 
5. Extension plate x 2 	6. Clip x 2 
7. Varistor x 1 	8. M4 screw x 2 
9. #10-32 screw x 2 	10. #8-32 flat-head screw x 2 

## Installation

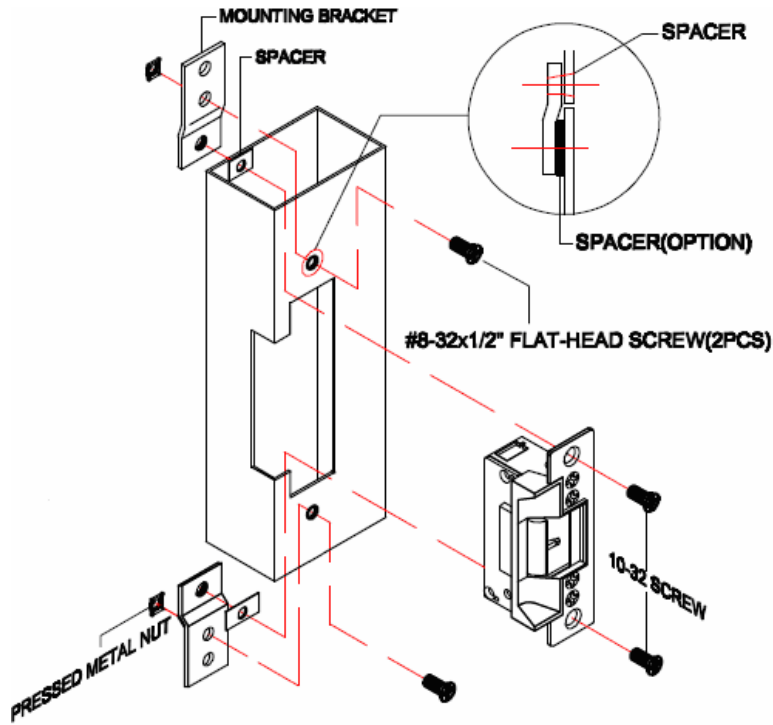
1. Prepare the doorjamb per drawing.



**Figure 1**

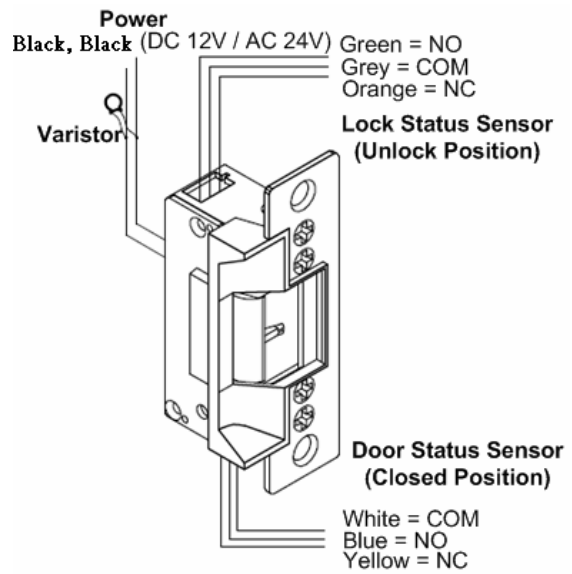
2. Install the mounting brackets to the doorjamb by using the #8-32 x 1/2" flat-headscrews and the pressed metal nuts (Figure 2). Do not tighten yet.

3. Spacers are provided to ensure the final assembly of faceplate into the doorjamb. Add one of spacers between the doorjamb and the mounting bracket when faceplate extends beyond the doorjamb. When the faceplate sets inside the jamb, spacers must be added between the mounting bracket and the tip bracket. Make sure the clearance hole in the spacer aligns with the hole in the mounting bracket.



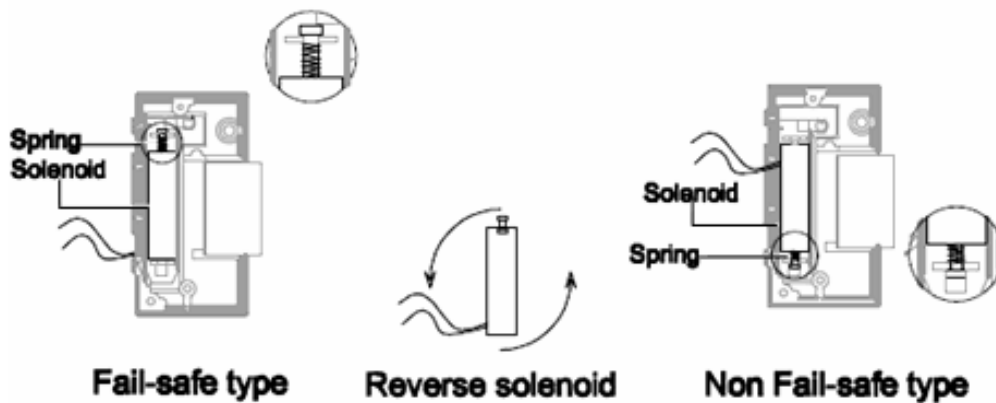
**Figure 2**

4. Connect the wires from the low voltage side of the transformer to the black wires of the electric strike.



**Figure 3**

5. Install the electric strike to the doorjamb by using the #10-32 screws and the lock washers (Figure 2).
6. Tighten the #8-32 flat-head screws to hold the mounting brackets to the doorjamb (Figure 2).
7. To prevent strike from spike, connect the Varistor between the input power wires (Figure 3).
8. To modify fail-safe to non fail-safe or vice versa.
  - A. Unscrew the electric strike as illustrated below.
  - B. Reverse the solenoid to the opposite side and then close.



**Figure 4**

## Wire Definition

	Wire	Definition
<b>Electric Bolt</b>	Black	Positive (+) or Ground (-)
	Black Positive (-) or Ground (-)	
<b>Magnet Clasp Detection Sensor</b>	Green	NO
	Grey	COM
	Orange	NC
<b>Door Closure Detection Sensor</b>	Blue	NO
	White	COM
	Yellow	NC



## Specifications

<b>Voltage</b>	DC 12V (default) or DC 24V
<b>Current</b>	260mA at DC 12V or 150mA at DC 24V
<b>Keeper Depth</b>	12.7 mm (0.50")
<b>Operating Temperature</b>	-20°C ~ 60°C (-4 °F ~ 140 °F)
<b>Dimensions (L x W x H)</b>	123.5 x 31.4 x 40.7 mm (4.86" x 1.24" x 1.60")
<b>Weight</b>	400 g (0.88 lb)
<b>Certification</b>	CE

All specifications are subject to change without notice.