

# Electric Strike Installation Instructions

## GK300 Series

The GK300 series electric strikes are designed to accommodate either cylindrical or mortise locksets up to 9/16" (15mm) throw latchbolt. The strikes can be configured to fail-safe or fail-secure on site.

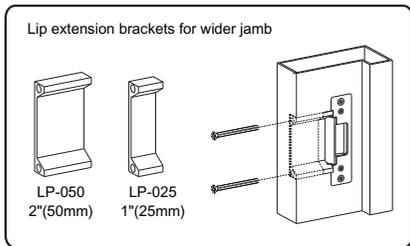
### Specifications

Operating Voltage	12VDC or 24VDC or 12/24VDC
Current Draw	Single Voltage: 280mA/12VDC or 140mA/24VDC Dual Voltage: 300mA/12VDC, 150mA/24VDC
Operating Temperature	32°F to 120°F (0°C to 49°C)
Humidity	0% to 85% Non-condensing
Latch Throw	9/16" (15mm) maximum
Keeper Width	1 6/17" (36mm), 1 3/4"(45mm)
Static Strength	1000 lbs (454Kg)
Dynamic Strength	50 ft-lbs
Endurance	250,000 cycles (UL tested) 1,000,000 cycles (Factory tested)

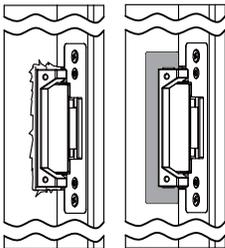
### UL Requirements

- For indoor use only.
- Wiring methods shall be in accordance with NFPA70.
- The GK300 series is intended to be used with UL Listed Exit Hardware.
- The GK300 series shall not impair the intended operation of an emergency exit.
- The GK300 series shall not impair the operation of panic hardware mounted on the door.

### Optional Brackets



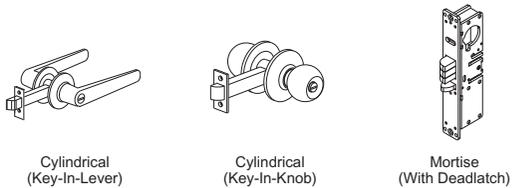
### Using the Trim Plate



In case of over-cutting, use the enclosed trim plate to cover up any errors.

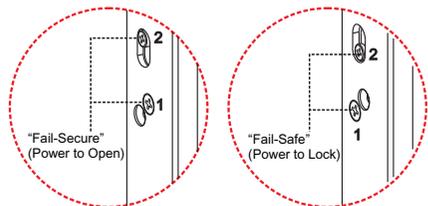
Model	Latch Monitor	Body Construction	Frame Type	Keeper Width
GK300	–	Zinc Alloy	Hollow Metal	1 3/4" (45mm)
GK300M	●			
GK300-ST	–	Stainless Steel	Wood	
GK300M-ST	●			
GK301	–	Zinc Alloy	Wood	
GK301M	●			
GK301-ST	–	Stainless Steel	Wood	
GK301M-ST	●			
GK302	–	Zinc Alloy	Wood	
GK302M	●			
GK302-ST	–	Stainless Steel	Hollow Metal	
GK302M-ST	●			
GK310	–	Zinc Alloy	Hollow Metal	1 7/16" (36mm)
GK310M	●			
GK310-ST	–	Stainless Steel	Wood	
GK310M-ST	●			
GK311	–	Zinc Alloy	Wood	
GK311M	●			
GK311-ST	–	Stainless Steel	Wood	
GK311M-ST	●			
GK312	–	Zinc Alloy	Wood	
GK312M	●			
GK312-ST	–	Stainless Steel	Hollow Metal	
GK312M-ST	●			

### Compatible Locksets

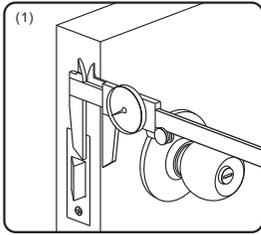


### Fail-Safe / Fail-Secure Reversible

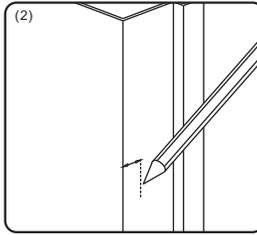
Fail-safe or fail-secure is field selectable by changing position of screws



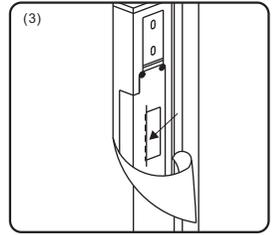
## Installation Instructions



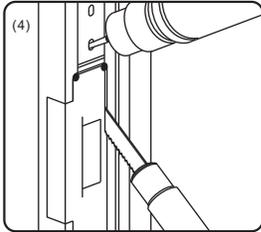
Measure latch position



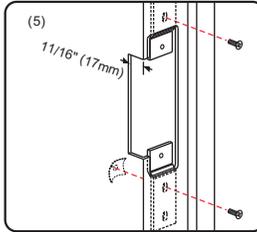
Mark latch position line



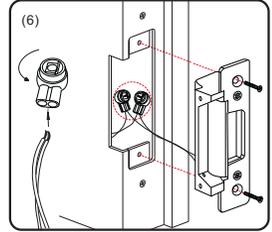
Attach sticker template to marked centerline



Cut hole using template



Install the mounting tabs



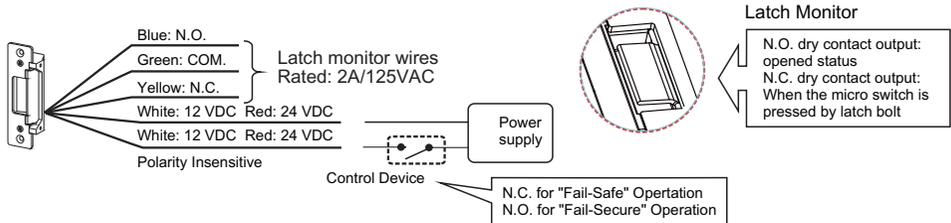
Connect the wires using the crimp connectors, then test the strike, ensure to give it correct voltage.

### Caution:

Proper gap must be reserved between the strike keeper and latch bolt to prevent failure of solenoid valve.

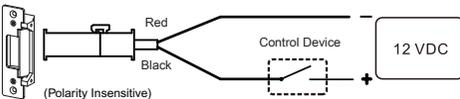
## Connecting Diagram

### Single Voltage (12 or 24VDC)

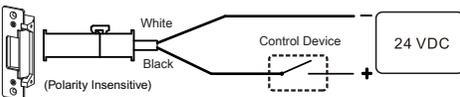


### Dual Voltage (12/24VDC)

For 12VDC Operation:

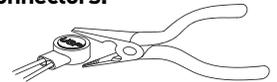


For 24VDC Operation:



### 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.