## Electric Strike Installation Instructions GK460 Series

#### Specifications The strike is polarity insensitive

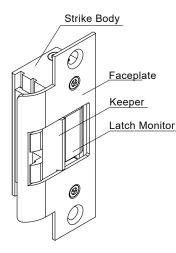
GK460 series of electric strikes are designed for use with cylindrical locksets and accommodate latchbolts up to 9/16" throw. The strikes can be configured to fail-safe or fail-secure on site.

Operating Voltage	12/24VDC		
Current Draw	300mA/12VDC, 150mA/24VDC		
Operating Temperature	+ 14°F to + 120°F (-10°C to + 49°C)		
Humidity	0% to 85% Non-condensing		
Latch Throw	9/16" (15mm) maximum		
Keeper Width	1 7/16" (36mm)		
Static Strength	1,500 lbs (680Kg)		
Dynamic Strength	70 ft-lbs		
Endurance	250,000 cycles (UL tested) 1,000,000 cycles (Factory tested)		
Performance Level	Destructive Attack: Level 1 Line Security: Level 1 Standby Power: Level 1 Endurance: Level IV		

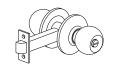
Model	Latch Monitor	Body Construction	Frame	Latch Throw
GK460	—	Zinc Alloy	Hollow Metal	9/16" (15mm)
GK460M	•			
GK461	_		Wood	
GK461M	•			

#### **UL Requirements**

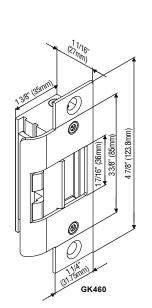
- For Indoor Use Only.
- Wiring methods shall be in accordance with NFPA70.
- The GK460/461 series is intended to be used with UL Listed Exit Hardware.
- The GK460/461 series shall not impair the intended operation of an emergency exit.
- The GK460/461 series shall not impair the operation of panic hardware mounted on the door.

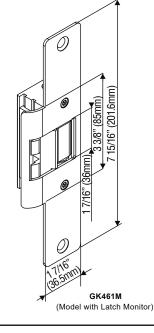


Cylindrical Lever Lockset

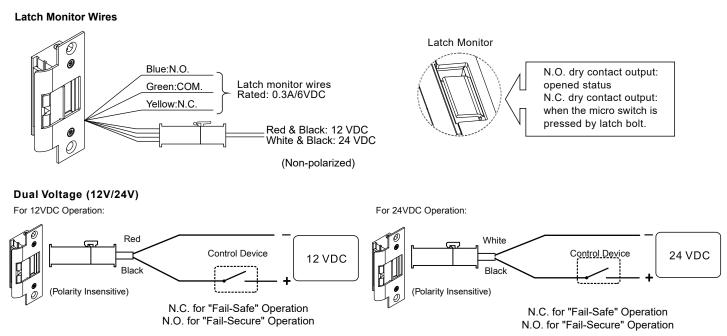


Cylindrical Knob Lockset

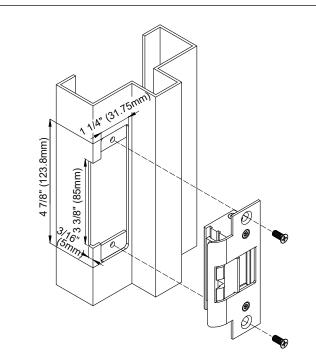




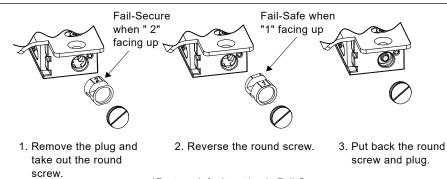
## Wiring Diagrams



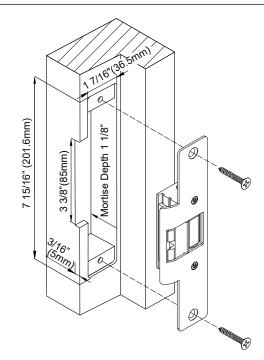
#### Installation on Wood and Hollow Metal Frame:



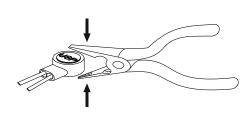
# Fail-Safe / Fail-Secure Reversible



\*Factory default setting is Fail-Secure.

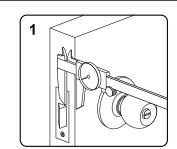


## Installing the Crimp Connectors

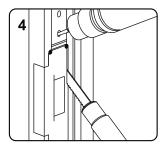


Place the wire inside the connector and use pliers to press down on the head of the connector evenly.

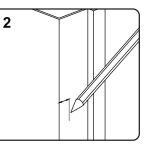
## **Installation Steps**



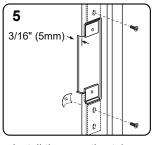
Measure the vertical and horizontal position of the latch bolt on the door leaf



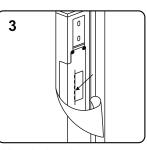
Drill and cut the frame according to the template



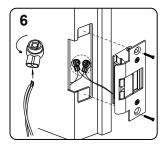
Mark the position of the latch bolt on the door jamb as shown in figure



Install the mounting tabs



Align the installation template to the marked line



Connect to the power and test the electric strike before finally mounting the unit

Note

Please ensure that there is no back pressure on the keeper from the latch. As with most strikes this may cause the strike to bind and malfunction. It could also cause undo pressure on the solenoid and eventual failure of the strike.