

Electric Strike Installation Instructions

GK370/371 Series

The GK370/371 series electric strikes are designed to accommodate cylindrical locksets with up to 5/8" (16mm) latch throw. GK370/371 feature horizontal faceplate adjustment up to 7mm (1/4"). The strikes can be configured to fail-safe or fail-secure on site. Standard models are made with zinc alloy while available in stainless steel for enhanced durability.

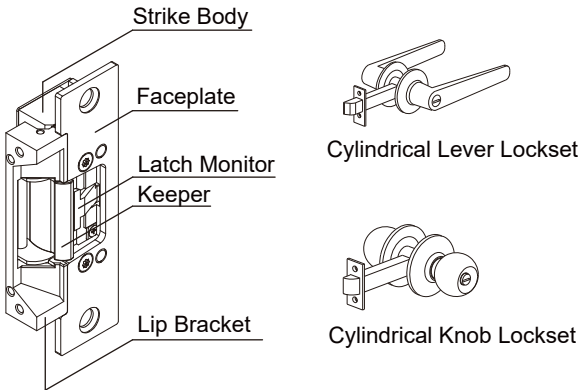
Specifications

Operating Voltage	12/24 VDC/AC
Current Draw	300mA/12VDC;150mA/24VDC 300mA/12VAC;150mA/24VAC (VAC intermittent duty, max. 2 minutes with a 30 seconds interval)
Operating Temperature	32°F to 120°F (0°C to 49°C)
Humidity	0% to 85% Non-condensing
Latch Throw	5/8"(16mm) (1/2"(13mm) strike depth, 1/8"(3mm) door gap)
Keeper Width	1 7/16" (37mm)
Static Strength	1,500 lbs (680Kg)
Endurance	250,000 cycles (UL tested) 1,000,000 cycles (Factory tested)
Performance Level	Destructive Attack: Level I Line Security: Level I Standby Power: Level I Endurance: Level IV

UL Requirements

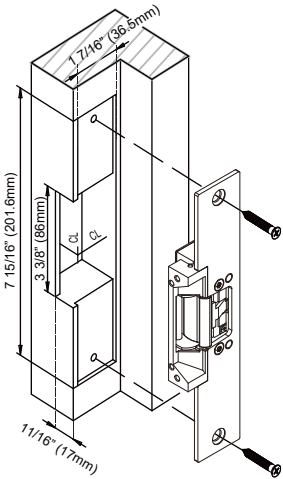
- For indoor use only.
- Wiring methods shall be in accordance with NFPA70.
- The GK370/371 series is intended to be used with UL Listed Exit Hardware.
- The GK370/371 series shall not impair the intended operation of an emergency exit.
- The GK370/371 series shall not impair the operation of panic hardware mounted on the door.

Compatible Locksets

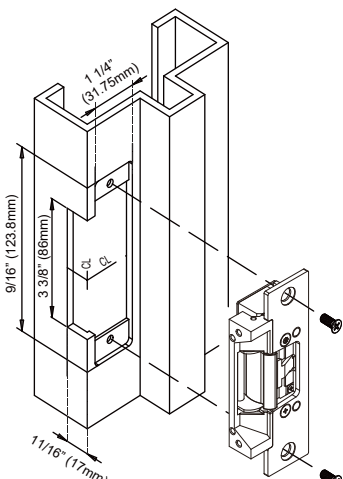


Frame Application

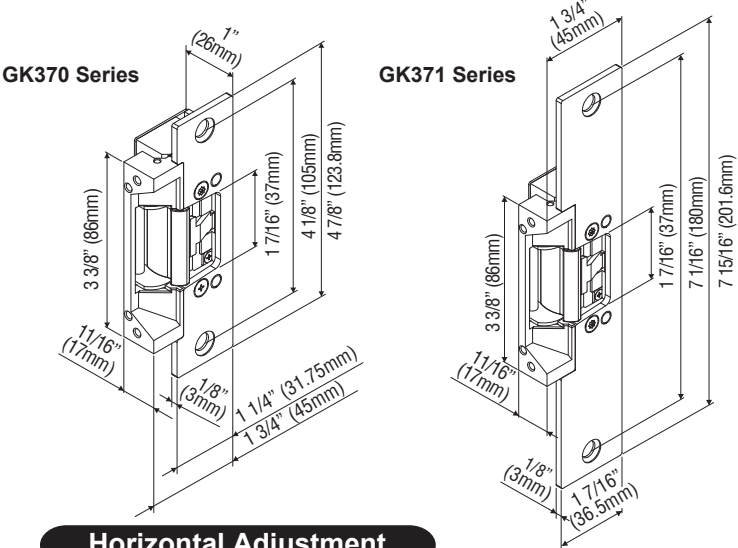
Wood Frame Installation



Hollow Metal Frame Installation

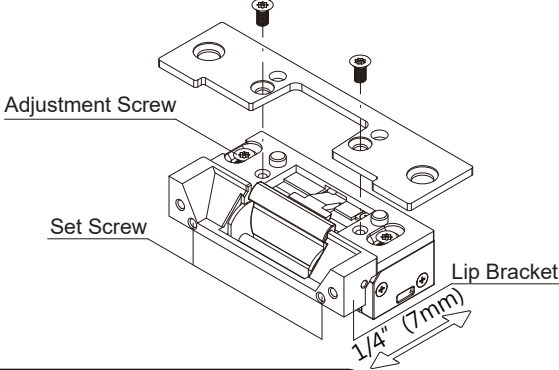


Model	Latch Monitor	Body Construction
GK370-1224	—	Zinc Alloy
GK370-ST-1224	—	Stainless Steel
GK370M-1224	●	Zinc Alloy
GK370M-ST-1224	●	Stainless Steel
GK371-1224	—	Zinc Alloy
GK371-ST-1224	—	Stainless Steel
GK371M-1224	●	Zinc Alloy
GK371M-ST-1224	●	Stainless Steel



Horizontal Adjustment

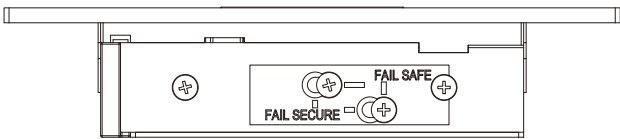
Loosen the adjustment screws and shift the lip bracket to the proper horizontal position (7 mm range adjustable). Tighten the adjustment screws and secure the lip bracket with the set screws.



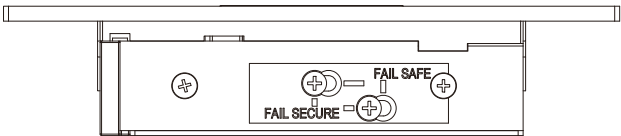
Fail-Safe / Fail-Secure Reversible

Change screw position at fail-safe /fail-secure hole to the desired setting.

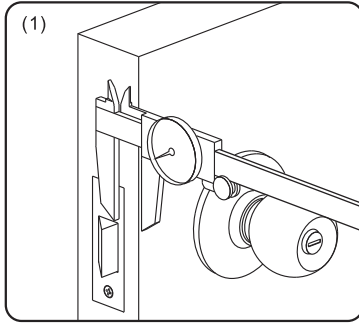
Fail-Safe:



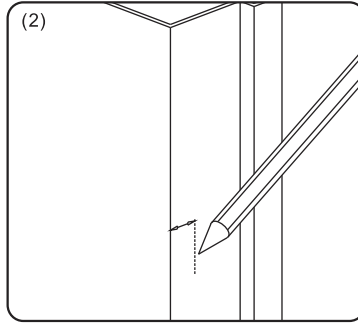
Fail-Secure:



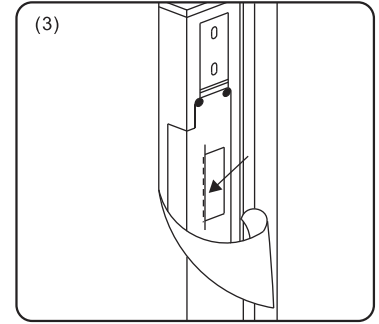
Installation Instructions



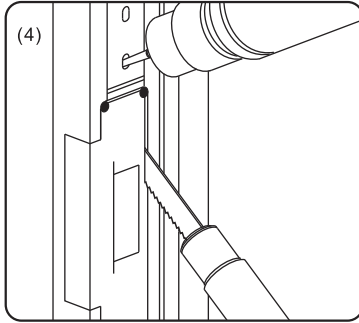
Measure latch position



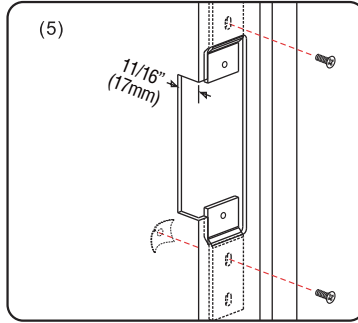
Mark latch position line



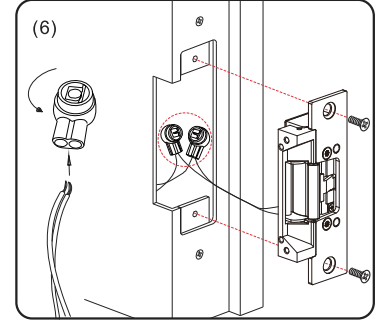
Attach sticker template to marked centerline



Cut hole using template



Install the mounting tabs



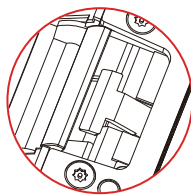
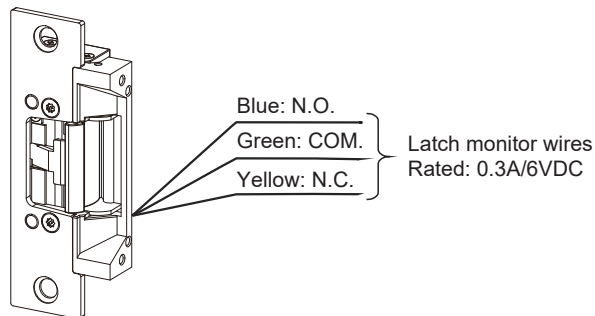
Connect the wires using the crimp connectors, then test the strike, ensure to give it correct voltage.

Caution:

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

Connecting Diagram

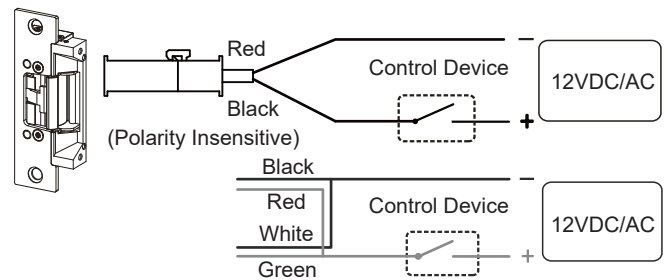
12/24VDC/AC Plug-In Wiring



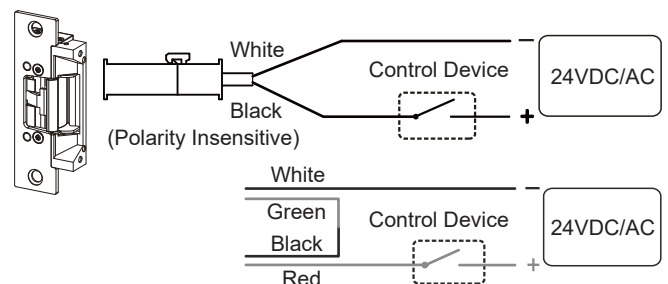
Latch Monitor

N.O. dry contact output:
opened status
N.C. dry contact output:
When the micro switch is
pressed by latch bolt

For 12VDC/AC Operation:



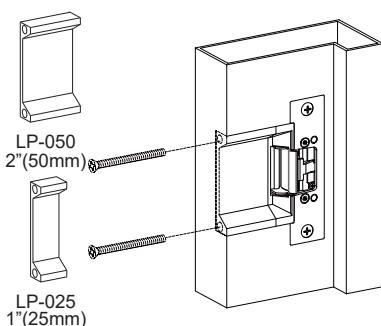
For 24VDC/AC Operation:



*VAC intermittent duty, max. 2 minutes with a 30 seconds interval

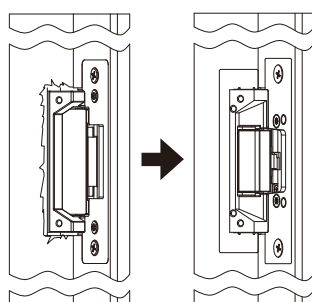
Optional Brackets

Lip extension brackets are available for wider jambs.

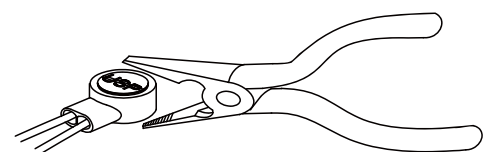


Using the Trim Plate

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



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.