

# MCK Series Mortise Keyswitch



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## Installation & Operating Instructions

### Package Contents

- A Keyplate
- B LED (certain models only)
- C Switch
- D Mortise Cylinder Support
- E Cylinder Nut
- F #6-32 Machine Screws (4)

### Recommended Tools

- Phillips and Flathead Screwdrivers
- Multimeter
- Crimping Tool
- Wire Nuts
- Pencil
- Drywall Saw (if installing into drywall)
- Ruler

### Specifications

- Input Voltage: 12-28VDC
- Timed Contacts rated 3A @ 28VDC
- Operating Temperature:  
15° to 120°F [-9° to 49°C]
- Switch Depth: 1-1/2"
- Adjustable Timer (2-60 seconds)

### Assembly

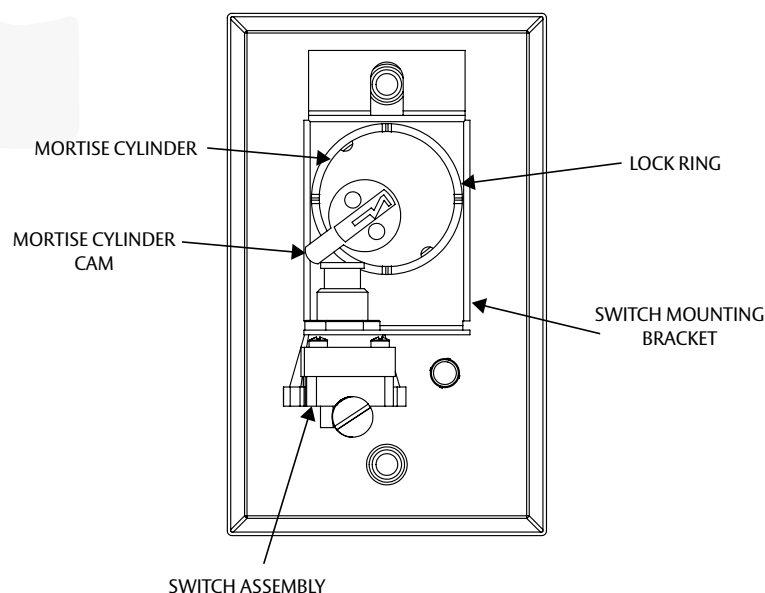
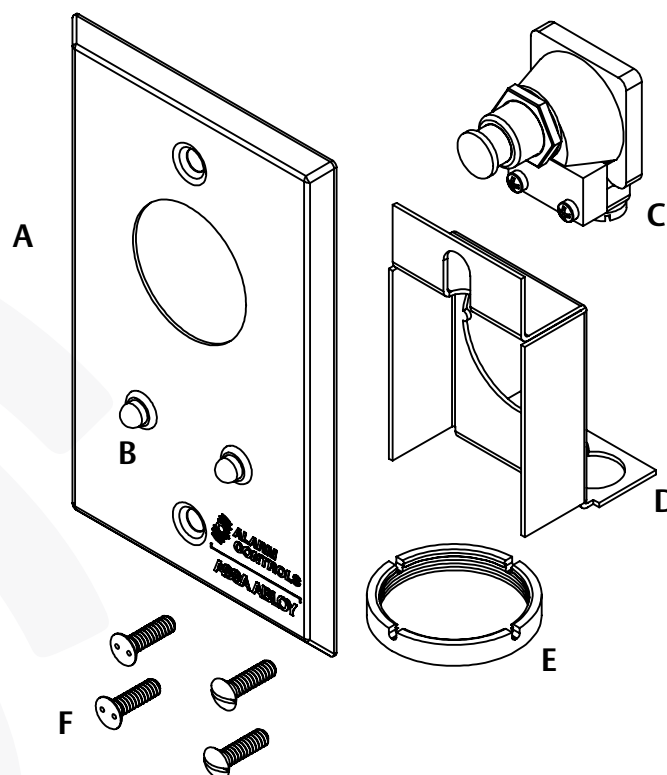
1. CHOOSE the left or right hole in the Switch Mounting Bracket, depending on the desired direction of key operation.

**Note:** For clover leaf shaped cams, the center hole may be chosen, and the key can be turned in either direction to activate the switch.

2. PLACE the switch in the chosen hole.
3. ADJUST the Switch up or down until the cam presses it firmly and reliably.

**Note:** Some experimenting may be required with switch location and adjustment. Exact position may vary depending on cam type and manufacturer.

4. TIGHTEN Switch in place using the included hardware and lock washer.
5. SECURE Mortise Cylinder in place using lock ring.



# Adjusting the Pneumatic Timer

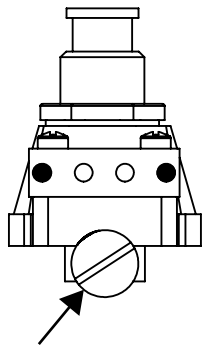
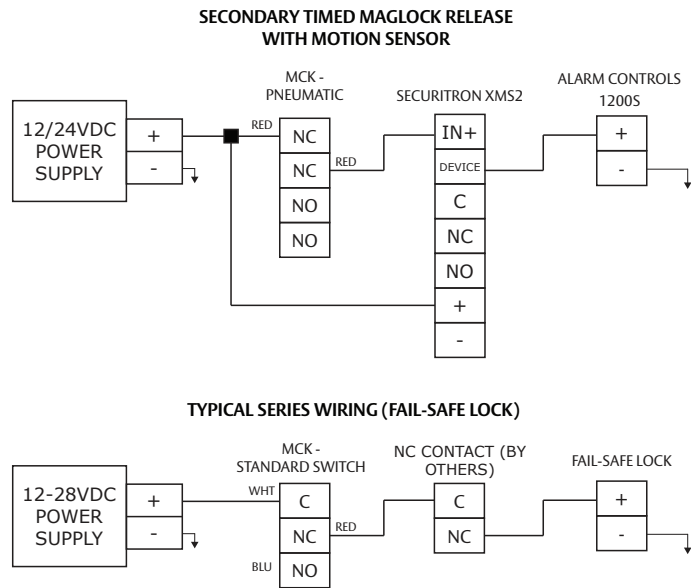
- Note:** Timer activates when keyswitch is turned. Subsequent activations will RESTART the timer.
1. TURN knob by hand or with Flathead Screwdriver clockwise for MAXIMUM time (60 seconds).
  2. TURN knob by hand or with Flathead Screwdriver counter-clockwise for MINIMUM (2 seconds).

**Note:** Factory setting is 4-7 seconds, Switch time repeatability is +/- 10%.

## Wiring

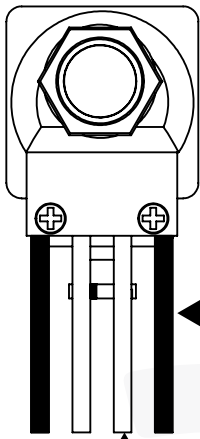
Wire Color	Designation
Standard Switch Models	
White	Common
Blue	N/O Contact Leads
Red	N/C Contact Leads
Pneumatic Switch Models	
Blue	N/O Contact Leads
Red	N/C Contact Leads
LED Wiring (Applicable Models)	
Red	+12 -24VAC/VDC
Black	Return (-)

ALWAYS READ AND UNDERSTAND ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE MAKING ANY ELECTRICAL CONNECTIONS



ADJUSTMENT KNOB

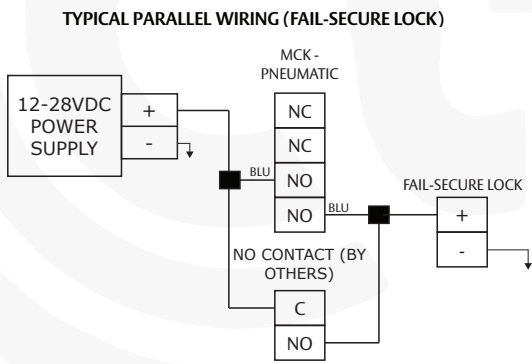
Diagram 1: Timing



BLUE (OUTER 2 WIRES) - NO CONTACT LEADS

RED (INNER 2 WIRES) - NC CONTACT LEADS

Diagram 2: Wiring



## Warranty

For information on warranty coverage and replacement options, please visit [alarmcontrols.com/warranty](https://www.alarmcontrols.com/warranty)