MOUNTING INSTRUCTIONS

KE✓

GATE

KNOX

Figure 1 - Gate and Key Switch Orientation and Mounting Hole Specifications

For maximum security, mounting hole MUST be flat on at least one side to prevent Gate and Key Switch from being forcibly rotated when mounting without a mounting plate or cover. Set mounting hole at a 54° angle to properly align

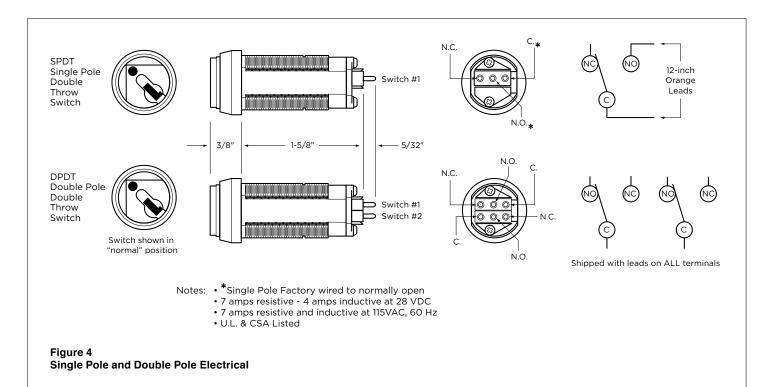
SINGLE POLE AND DOUBLE POLE ELECTRICAL

face and key opening properly.

Wire leads 12" in length are factory attached for circuit connection. Use extreme caution if other leads must be soldered directly to switch terminals. Over-heating switch terminals will damage switch.

When soldering leads to terminals, use a soldering iron with a 1/8" diameter THERMOSTATICALLY controlled tip of 500° F. Do not touch iron to terminal for longer than 10 seconds.

Use a resin core of 60% tin and 40% lead solder. Cleaning terminals by either dipping or brushing is not recommended since excess flux may flow into switch. Excessive iron heat and excessive flux can cause serious damage to switch.



The Knox Gate & Key Switch features a stainless steel lock cover that makes the key switch very resistant to inclement weather, dirt from high traffic areas, and vandalism.



3501 Gate Key Switc

Gate & Key

WARNING:

READ BEFOI

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MOUNTING

CAREFULLY

Gate & Key Switch with either standard mounting plate with lock cover, optional stainless steel lock cover, or in a custom installation.

Injury may occur if Gate & Key near pathway of motorized door

Switch is installed or gate.

occur if Gate & Key Switch is installed by of motorized door or gate. WARNING: Injury may on the parthway

pathway

XOZY













Figure 1 - Gate and Key Switch Orientation and Mounting Hole Specifications

he Knox Gate & Key Switch atures a stainless steel ck cover that makes e key switch very sistant to inclement aather, dirt from high traffic eas, and vandalism.

3503 Double Gate & Key Switch with mounting plate



mounting steel EFORE MOUNTING Gate & Key Switch with either standard plate with lock cover, optional stainless lock cover, or in a custom installation.

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MOUNTING INSTRUCTIONS XNO O SWITC Telegraph

KNOX GATE & KEY SWITCH

MOUNTING INSTRUCTIONS



For Knox Double Gate and Key Switch with Mounting Plate, a Double Duplex Electrical box must be used.

KNOX GATE & KEY SWITCH WITH MOUNTING PLATE AND STAINLESS STEEL LOCK COVER ASSEMBLY

- 1. Insert Gate and Key Switch lock body through hole in assembly, making certain the red dot and arrow point to the 11 o'clock position (see Figure 1). All locks are factory set to the 11 o'clock position.
- 2. Install large nut on back of Gate and Key Switch housing and tighten. Do not overtighten. Place gasket on backside of assembly, then connect wires from Gate and Key Switch to appropriate unit (see Figure 4).
- **3.** Using the two supplied 6-32 x 1/2" screws, fasten assembly to an existing panel or electrical box. For added security, use tamper resistant screws.

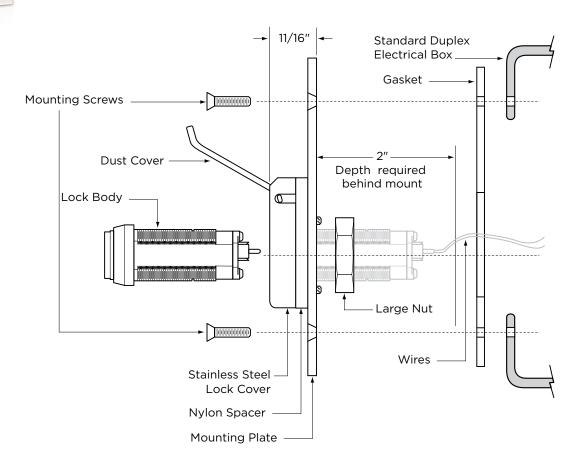


Figure 2 - Mounting Plate with single Lock Cover Assembly





KNOX GATE AND KEY SWITCH WITH STAINLESS STEEL LOCK COVER ASSEMBLY

- 1. To install lock cover, locate desired mounting location for Gate and Key Switch and drill or punch one 3/4" diameter hole in mounting surface. Using stainless steel mounting plate as a template (B), drill four #31 (or 1/8" diameter) holes through mounting surface. Debur holes. Insert Gate and Key Switch lock body through 3/4" hole in mounting surface. Note proper orientation of Gate and Key Switch lock body and mounting plate in relationship to mounting surface (B). Install mounting plate first, followed by the large nut behind the mounting surface, and tighten. Do not overtighten nut.
- 2. Place nylon spacer, then lock cover over Gate and Key Switch. Install four 4-40 x 1" stainless steel screws into each corner of lock cover, then install lock washers and nuts and tighten. Use thread locking material to freeze nut or crimp end of screws to prevent removal. For added security, use tamper resistant screws. When properly installed, lock should appear as shown in Figure 1 with the red dot and arrow pointing to the 11 o'clock position. All locks are factory set to the 11 o'clock position. Connect wires from Gate and Key Switch to appropriate unit (See Figure 4).

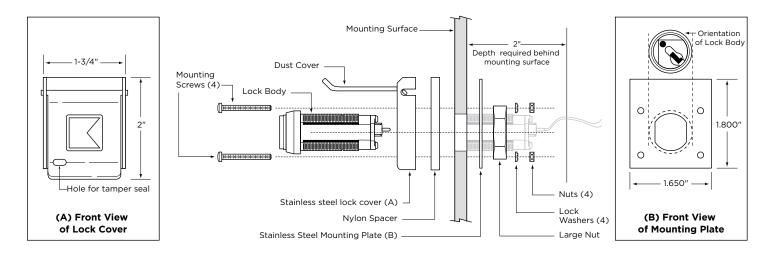


Figure 3 - Key Switch with Stainless Steel Lock Cover Assembly

