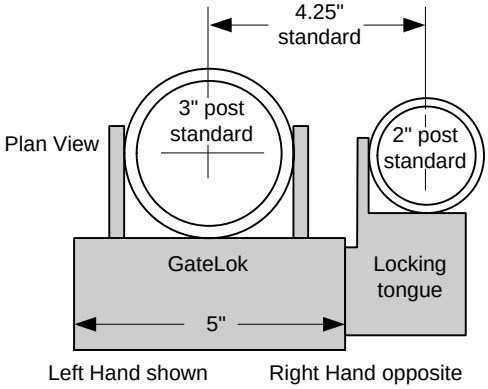
Security Door Controls

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INSTALLATION INSTRUCTIONS
160, 260 SERIES GATELOCK

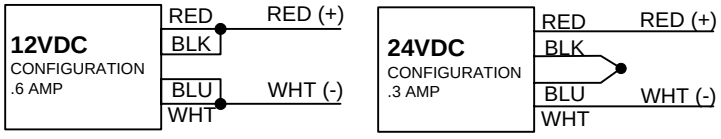




Four electric models are available: the GL 260A is the fail-secure (PUL) model, operating on 24 VDC; GL 263A has a built-in key switch control, GL 160A is fail-safe (PL) and has a built-in key switch control.

An adjustable automatic relock switch keeps the bolt retracted until the gate is in a closed position. A 10 Amp rated bolt position switch (BPS-GL, optional) prevents operation of the gate until the bolt is fully retracted. A gate position switch (DPS-GL, optional) is available to monitor whether a gate is opened or closed.

DUAL VOLTAGE SOLENOID WIRING



Specifications

Dimensions: Width 5", Height 6-1/8", Depth 2"
Material: 0.120" steel
Finish: Cadmium plated
Solenoid: Continuous duty

Dual Voltage (Fail Safe):
7.2 Watts – 12VDC @ .6 Amp
7.2 Watts – 24VDC @ .3 Amp
Bolt: 5/8" dia., 5/8" throw

Single Voltage (Fail Secure):
24VDC @ .500 Amp standard
(12 VDC, 24 VDC available)

Any suggestions or comments to this instruction or product are welcome. Please contact us through our website or email engineer@sdcsecurity.com

CAUTION: DO NOT PLACE LOCKING TONGUE IN LOCK UNTIL WIRING IS COMPLETE

For 160A & 260A (less key switch):

1. Remove cover and using the lock housing as a template, locate and mark mounting bolt holes on the gate post. Drill through post for 2-3/8" hex head bolts supplied. See illustration 1.

2. Determine hand of gate and install Auto Relock switch and the spring loaded centering assembly in their proper locations. See illustration 2.

3. If the wiring will come through the post, mark and drill post at lower housing hole for wiring assembly. Pull wires in through the back of housing through lower hole. Be sure to shim between the mounting brackets as required if the gate post is less than 3".

4. Wire the assembly per illustration 2 and illustration 3. Test for proper operation.

5. Insert gate lock tongue into slot and line up tongue level on gate. Mark gate for tongue mounting bolts.

6. Remove locking tongue. Drill gate and mount tongue using 4-3/8" carriage head bolts provided. See illustration 4.

7. Install housing cover with machine screws provided.

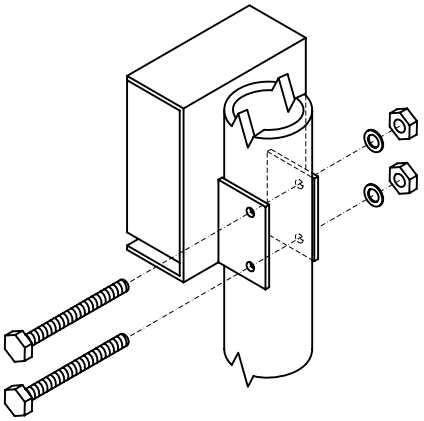


Illustration 1

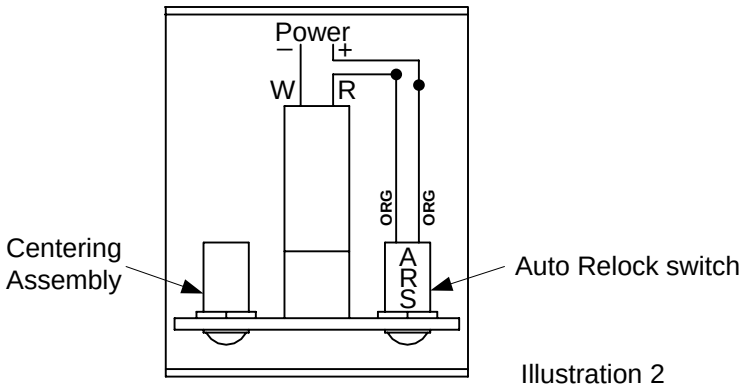


Illustration 2

Wiring for 200 Series Locks

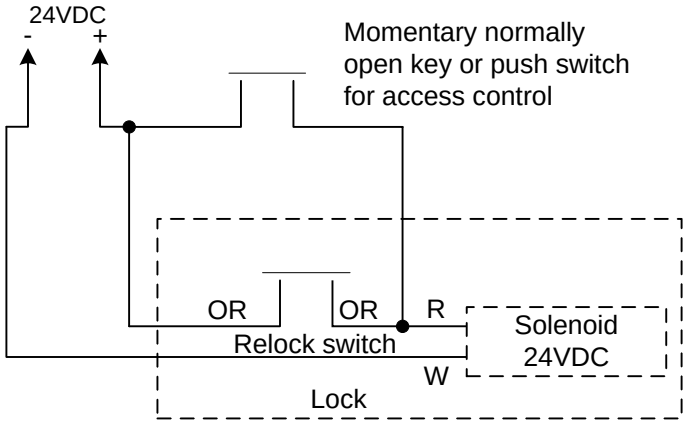


Illustration 3

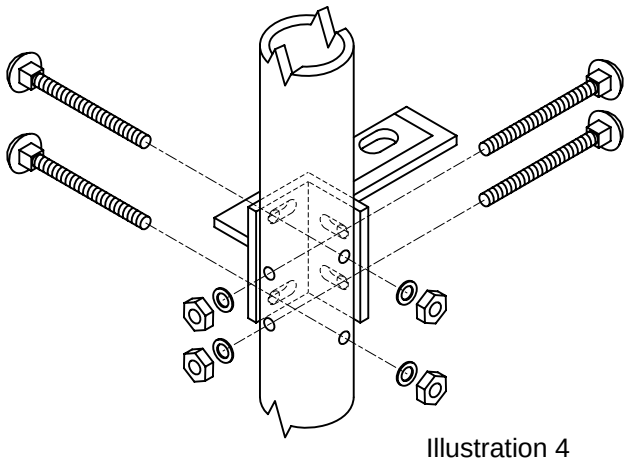


Illustration 4

NOTE: Sliding Gate left hand and swinging gate right hand shown in illustrations 2 & 3. Exchange positions of centering assembly and automatic relock switch for opposite handing.

For 163A & 263A (with key switch):

Follow installation steps 1 – 3 on page 2.

4. Wire the assembly per illustrations 5, 6, 7 & 8.
   a) Cylinder must be 1-1/8" mortise type with standard tailpiece. See illustrations 5 & 6.
   b) With key removed, remove and invert tailpiece. See illustration 6.
   c) Key removable in "ON" or "OFF" position as determined by wiring selection. See illustration 7.

Follow installation steps 5 – 7 on page 2.

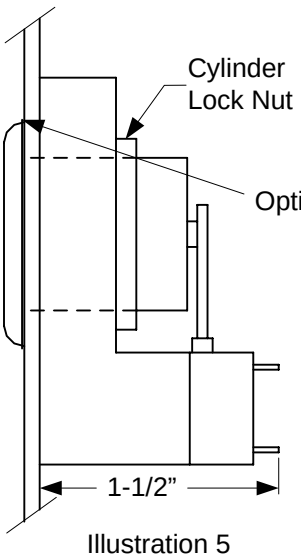


Illustration 5

Tailpiece must depress button at all times with key removed.

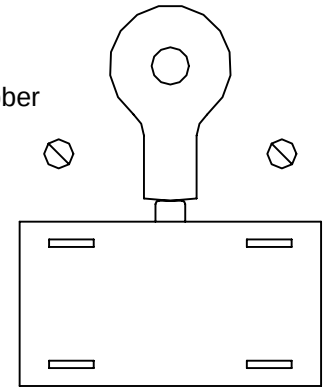
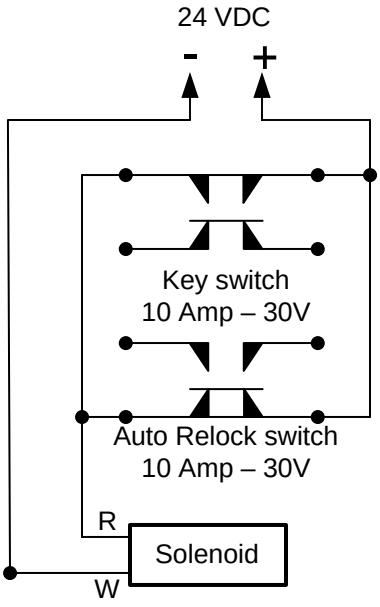


Illustration 6



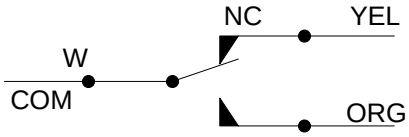


Illustration 7
Optional bolt position switch
(BPS-GL) rated 10 Amp 30V

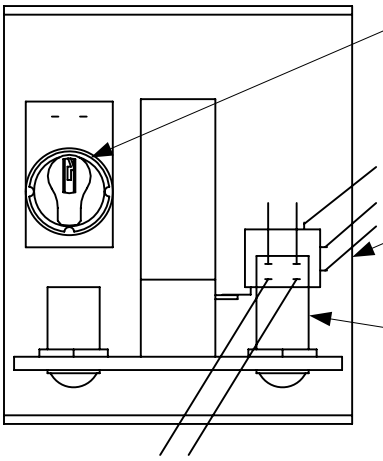
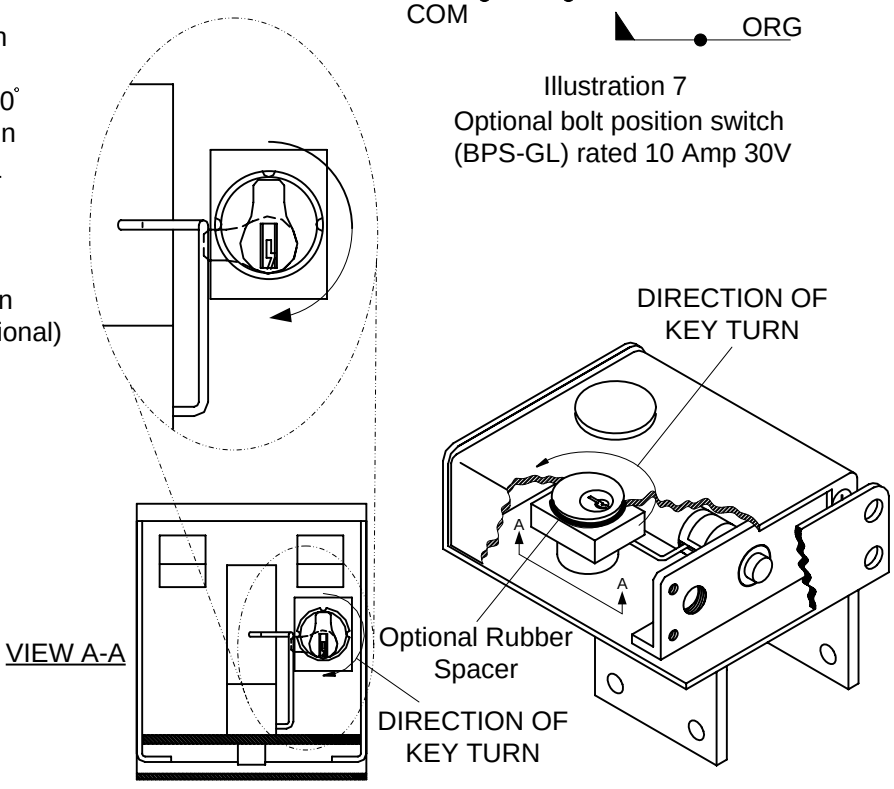


Illustration 8



If Key Cylinder is ever removed, tailpiece must contact retraction arm as shown in View A-A.