

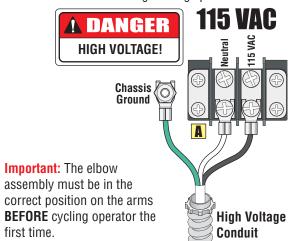


120 S. Glasgow Avenue Inglewood, California 90301

# **High Voltage Connection**

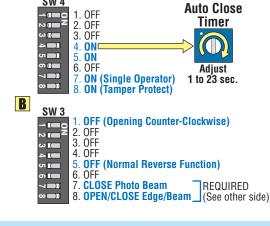
#### **GATE OPERATOR MUST BE PROPERLY GROUNDED!!**

**Tip:** It is recommended that a surge suppressor be installed on the high voltage power lines.



## **DIP-Switch Settings**

Using shadow loop and gate opening in direction shown.



## **Loop Detectors**

Not included - Refer to the Installation/Owner's manual and Loop Information Manual (available FREE from www.dkaccess.com) for more information on loops and loop detectors.

### **Radio Receiver**

Not included - Refer to a specific Radio Receiver Manual (available from www.dkaccess.com) for more information on radio receivers and antenna installation. (See reverse side for wiring)

Model 6050/6100 is intended for installation only on swing gates used for

**vehicles.** Pedestrians must be supplied with a separate access opening.

For safety and installation instructions, please refer to the Installation/Owner's manual.

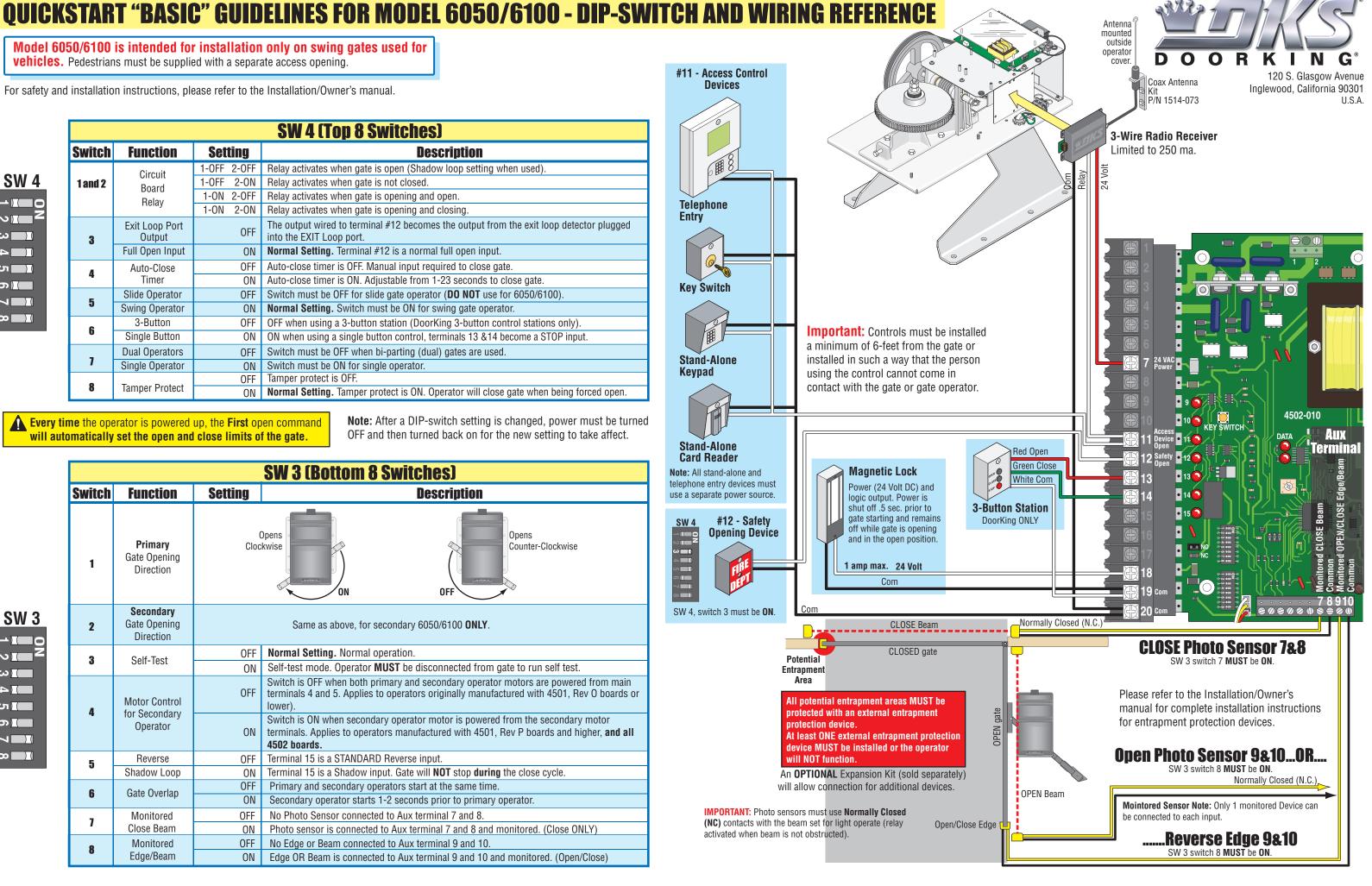
**SW 4** ယ 4 **O** 7 

SW 4 (Top 8 Switches)				
Switch	Function	Setting	Description	
1 and 2	Circuit Board Relay	1-0FF 2-0FF	Relay activates when gate is open (Shadow loop setting when used).	
		1-OFF 2-ON	Relay activates when gate is not closed.	
		1-0N 2-0FF	Relay activates when gate is opening and open.	
		1-0N 2-0N	Relay activates when gate is opening and closing.	
3	Exit Loop Port Output	OFF	The output wired to terminal #12 becomes the output from the exit loop detector plugged into the EXIT Loop port.	
	Full Open Input	ON	Normal Setting. Terminal #12 is a normal full open input.	
Л	Auto-Close	OFF	Auto-close timer is OFF. Manual input required to close gate.	
4	Timer	ON	Auto-close timer is ON. Adjustable from 1-23 seconds to close gate.	
-	Slide Operator	OFF	Switch must be OFF for slide gate operator ( <b>DO NOT</b> use for 6050/6100).	
5	Swing Operator	ON	Normal Setting. Switch must be ON for swing gate operator.	
6	3-Button	OFF	OFF when using a 3-button station (DoorKing 3-button control stations only).	
	Single Button	ON	ON when using a single button control, terminals 13 &14 become a STOP input.	
7	Dual Operators	OFF	Switch must be OFF when bi-parting (dual) gates are used.	
	Single Operator	ON	Switch must be ON for single operator.	
8	Tamper Protect	OFF	Tamper protect is OFF.	
		ON	<b>Normal Setting.</b> Tamper protect is ON. Operator will close gate when being forced open.	

Every time the operator is powered up, the First open command will automatically set the open and close limits of the gate.

Note: After a DIP-switch setting is changed, power must be turned OFF and then turned back on for the new setting to take affect.

SW 3 (Bottom 8 Switches)					
Switch	Function	Setting	Description		
1	<b>Primary</b> Gate Opening Direction	Opens Clockwise Opens Counter-Clockwise			
2	<b>Secondary</b> Gate Opening Direction	Same as above, for secondary 6050/6100 <b>ONLY</b> .			
3	Self-Test	OFF	Normal Setting. Normal operation.		
		ON	Self-test mode. Operator <b>MUST</b> be disconnected from gate to run self test.		
4	Motor Control for Secondary Operator	OFF	Switch is OFF when both primary and secondary operator motors are powered from main terminals 4 and 5. Applies to operators originally manufactured with 4501, Rev 0 boards or lower).		
•		ON	Switch is ON when secondary operator motor is powered from the secondary motor terminals. Applies to operators manufactured with 4501, Rev P boards and higher, <b>and all 4502 boards</b> .		
5	Reverse	OFF	Terminal 15 is a STANDARD Reverse input.		
	Shadow Loop	ON	Terminal 15 is a Shadow input. Gate will <b>NOT</b> stop <b>during</b> the close cycle.		
6	Gate Overlap	OFF	Primary and secondary operators start at the same time.		
U		ON	Secondary operator starts 1-2 seconds prior to primary operator.		
7	Monitored	OFF	No Photo Sensor connected to Aux terminal 7 and 8.		
_	Close Beam	ON	Photo sensor is connected to Aux terminal 7 and 8 and monitored. (Close ONLY)		
8	Monitored Edge/Beam	OFF	No Edge or Beam connected to Aux terminal 9 and 10.		
	Luye/Deaiil	ON	Edge OR Beam is connected to Aux terminal 9 and 10 and monitored. (Open/Close)		



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