

# 700 & 800 Series Key Switches



**700**  
Single Gang  
(shown with L1 option)



**700N**  
Narrow 1.75" Wide  
(shown with LT option)



**700T**  
Double Gang  
(shown with L2 option and Siren)



**800**  
Single Gang  
(shown with L2 option)



**800N**  
Narrow 1.75" Wide

**SDC Key Switch Assemblies** provide an economical method of providing authorized control for a variety of applications. A choice of several contact configurations ensure compatibility with virtually any system.

## FEATURES



- Tamper Resistant, Recessed Cylinder (All Except 700N)
- Tamper Resistant Spanner Screws
- Heavy Duty All Steel Assembly
- Stainless Steel Faceplates of 20 Gauge (700 series) or 0.25" Thickness of Aluminum (800 series)
- Large Actuator for Positive and Consistent Activation
- 6 Amp @ 30 VDC Resistive
- 7", 22 Gauge Wire Leads
- Compatible with 1.0" or 1.375" Mortise Cylinder (not included)

## NEW CONSTRUCTION OR RETROFIT

SDC key switch assemblies are compatible with U.S. standard, 1.0" and 1.375" mortise key cylinders and interchangeable core cylinders (not included). Compatibility with a new or existing facility mechanical key system is maintained. Standard switch assemblies are single gang box mounted. Assemblies equipped with narrow faceplates are mounted directly to the door frame.



**OPERATION**
**APPLICATIONS**

 701 701N 701T	<b>801AL</b> <b>801ALN</b>	Alternate action SPDT Turning the key left or right actuates and latches the contact. Contact position is maintained until the key is inserted and turned again.	<ul style="list-style-type: none"> <li>• Circuit on - off</li> <li>• Access control bypass</li> <li>• Machine operation</li> </ul>
 702 702N 702T	<b>802AL</b> <b>802ALN</b>	Momentary SPDT Turning the key left or right momentarily actuates the contact	<ul style="list-style-type: none"> <li>• Momentary access</li> <li>• Timer activation</li> <li>• Alarm reset</li> </ul>
704	<b>804AL</b>	Momentary SPDT plus 10TD Electronic Mini Timer SPDT 2Amp @ 30VDC, adjustable 1 - 60 seconds Turning the key left or right activates an electronically timed contact for 1 - 60 seconds	<ul style="list-style-type: none"> <li>• Timed access</li> <li>• Timed alarm shunt</li> </ul>
705 705N 705T	<b>805AL</b> <b>805ALN</b>	Alternate action DPDT Turning the key left or right actuates and latches the contact. Contact position is maintained until the key is inserted and turned again	<ul style="list-style-type: none"> <li>• Control two circuits simultaneously</li> <li>• Access and alarm bypass</li> <li>• Lock and magnetic door holder control</li> </ul>
706 706N 706T	<b>806AL</b> <b>806ALN</b>	Momentary DPDT Turning the key left or right momentarily actuates the contacts	<ul style="list-style-type: none"> <li>• Control two circuits simultaneously</li> </ul>
707 707N 707T	<b>807AL</b> <b>807ALN</b>	#1 Momentary SPDT. Turning the key left momentarily actuates contact #1. #2 Momentary SPDT. Turning the key right momentarily actuates contact #2	<ul style="list-style-type: none"> <li>• Control two circuits independently</li> </ul>
708 708N 708T	<b>808AL</b> <b>808ALN</b>	#1 Momentary SPDT. Turning the key in one direction momentarily actuates contact #1 #2 Alternate action SPDT. Turning the key in opposite direction actuates and latches contact #2 until the key is inserted and turned again	<ul style="list-style-type: none"> <li>• Control two circuits independently</li> <li>• Momentary access and sustained bypass of a door</li> </ul>
709 709N 709T	<b>809AL</b> <b>809ALN</b>	#1 Alternate action SPDT. Turning the key left actuates and latches contact #1 #2 Alternate Action SPDT. Turning the key right actuates and latches contact #2	<ul style="list-style-type: none"> <li>• Control two circuits independently</li> <li>• Bypass with single station #1</li> <li>• Bypass with all stations #2</li> </ul>
710T		#1 Momentary SPDT plus 10TD Electronic Mini Timer, SPDT 2Amp, 1-60 second. Turning the key in one direction activates an electronically timed contact for 1 - 60 seconds #2 Alternate action SPDT. Turning the key in opposite direction actuates and latches contact #2	<ul style="list-style-type: none"> <li>• Control two circuits independently</li> <li>• Timed access and sustained bypass of a door</li> <li>• Timed alarm shunt (REX) and sustained alarm shunt</li> </ul>
711 711N 711T	<b>811AL</b> <b>811ALN</b>	#1 Momentary DPDT. Turning the key left momentarily actuates contact #1 #2 Momentary DPDT. Turning the key right momentarily actuates contact #2	<ul style="list-style-type: none"> <li>• Control two pairs of circuits independently</li> </ul>
712 712N 712T	<b>812AL</b> <b>812ALN</b>	#1 Momentary DPDT. Turning the key in one direction momentarily actuates contact #1 #2 Alternate action DPDT. Turning the key opposite direction actuates and latches contact #2 until the key is inserted and turned again.	<ul style="list-style-type: none"> <li>• Control two pairs of circuits independently</li> <li>• Activate a time delay, REX input or alarm shunt with #1</li> <li>• Access control and alarm bypass with #2</li> </ul>
713 713N 713T	<b>813AL</b> <b>813ALN</b>	#1 Alternate action DPDT. Turning the key left actuates and latches contact #1. #2 alternate action DPDT. Turning the key right actuates and latches contact #2	<ul style="list-style-type: none"> <li>• Control two pairs of circuits independently</li> </ul>



## SPECIFICATIONS

<b>700</b>	2.875" x 4.5" x 20 Ga.	Weight 0.5 lbs
<b>700N</b>	1.75" x 4.5" x 20 Ga.	Weight 0.3 lbs
<b>700T</b>	4.5" x 4.5" x 20 Ga.	Weight 0.6 lbs

<b>800AL</b>	3.25" x 5" x 0.25"D	Weight 0.65 lbs
<b>800ALN</b>	1.75" x 5" x 0.25"D	Weight 0.55 lbs

PRODUCT SKU SAMPLE: **702 U L2**



## HOW TO ORDER

### 1| SPECIFY MODEL & FUNCTION

20 GAUGE STAINLESS STEEL FACEPLATE			1/4" THICK ALUMINUM PLATE		Contacts
1 Gang	Narrow	2 Gang	1 Gang	Narrow	
<b>701</b>	<b>701N</b>	<b>701T</b>	<b>801AL</b>	<b>801ALN</b>	AA SPDT
<b>702</b>	<b>702N</b>	<b>702T</b>	<b>802AL</b>	<b>802ALN</b>	MO SPDT
<b>704</b>	<b>704N</b>	<b>704T</b>	<b>804AL</b>	<b>804ALN</b>	1-60 Timer SPDT
<b>705</b>	<b>705N</b>	<b>705T</b>	<b>805AL</b>	<b>805ALN</b>	AA DPDT
<b>706</b>	<b>706N</b>	<b>706T</b>	<b>806AL</b>	<b>806ALN</b>	MO DPDT
<b>707</b>	<b>707N</b>	<b>707T</b>	<b>807AL</b>	<b>807ALN</b>	2 MO SPDT
<b>708</b>	<b>708N</b>	<b>708T</b>	<b>808AL</b>	<b>808ALN</b>	1 MO SPDT & 1 AA SPDT
<b>709</b>	<b>709N</b>	<b>709T</b>	<b>809AL</b>	<b>809ALN</b>	2 AA SPDT
<b>710</b>	<b>710N</b>	<b>710T</b>	<b>810AL</b>	<b>810ALN</b>	1-60 Timer & 1 AA SPDT
<b>711</b>	<b>711N</b>	<b>711T</b>	<b>811AL</b>	<b>811ALN</b>	2 MO DPDT
<b>712</b>	<b>712N</b>	<b>712T</b>	<b>812AL</b>	<b>812ALN</b>	1 MO DPDT & 1 AA DPDT
<b>713</b>	<b>713N</b>	<b>713T</b>	<b>813AL</b>	<b>813ALN</b>	2 AA DPDT

### 2| SPECIFY FINISH

#### 700 Series Only

- U** 630 Dull Stainless Steel Standard
- C** 605 Bright Brass
- D** 606 Dull Brass
- H** 613 Oil Rubbed Bronze
- P** 625 Bright Chrome

Key cylinder sold separately.  
**MO** - Momentary  
**AA** - Alternate Action (On-Off)

### 3| SPECIFY OPTIONS

- ATS** Anti-Tamper Sensor, SPDT
- L1** One LED; Specify Red or Green
- L2** Two LED's; Red and Green
- LT** One Tri-Color LED; Red, Green and Amber
- RMB** Buzzer, 12 or 24VDC, 20mA
- SN** 85 db. Siren, 4V-25VDC, 15mA
- 10TD** Mini Timer, adj. 1-60 Sec., 12/24VDC, SPDT

- CYL-6KDQ** 6 pin, 1-1/8" Mortise Cylinder, Keyed different, 626 Dull Chrome
- CYL-6KAQ** 6 pin, 1-1/8" Mortise Cylinder, Keyed alike, 626 Dull Chrome



### 4| SPECIFY RETROFIT BACK BOX (OPTIONAL)

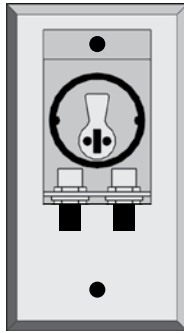
- BB1D** Single Gang 2.25" W x 3.75" H x 2.75" D

## TAILPIECE

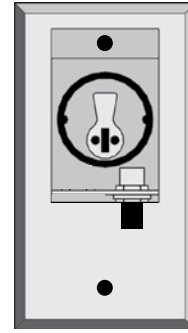
use tailpiece provided with SDC Part# CYL-KD or equivalent (ILCO 863G)



Compatible with both  
single and dual switch  
assemblies



Dual Switch Assembly



Single Switch Assembly

## ACCESSORIES

### 10TD MINI TIMER

The electronic Mini Timer provides timed unlocking and is compatible with all SDC momentary key and exit switches equipped with normally open contacts. The Mini Timer fits inside two gang key and exit switch assemblies, remote junction box and narrow frames.



### 10TD SPECIFICATIONS

Voltage Input	12/24VDC @ 50mA
Trigger Input	N.O. Dry
Contact	SPDT dry, 2 Amps @ 30VDC
Wire Leads	7", 20 Gauge
Time Adjustment	1-60 Seconds
Size	0.75"W x 1.5"H x 2.25" D

### KEY CYLINDER

**CYL-6KDG** 6 pin, 1-1/8" Mortise Cylinder, Keyed different, 626 Dull Chrome

**CYL-6KAQ** 6 pin, 1-1/8" Mortise Cylinder, Keyed alike, 626 Dull Chrome



### ASSEMBLY TOOLS

For convenience, a small spanner tool is provided with the assembly for fastening of spanner security screws.

Part # **SS632**, a standard spanner screwdriver, may be ordered separately.

