

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

*** UL 294 LISTED**



SPECIFICATIONS

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

800AL	3.25" x 5" x 0.25"D	Weight 0.65 lbs
800ALN	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	
701*	701N*	701T	801AL	801ALN	AA SPDT
702*	702N*	702T	802AL	802ALN	MO SPDT
704	704N	704T	804AL	804ALN	1-60 Timer SPDT
705	705N	705T	805AL	805ALN	AA DPDT
706	706N	706T	806AL	806ALN	MO DPDT
707*	707N*	707T	807AL	807ALN	2 MO SPDT
708*	708N*	708T	808AL	808ALN	1 MO SPDT & 1 AA SPDT
709*	709N*	709T	809AL	809ALN	2 AA SPDT
710	710N	710T	810AL	810ALN	1-60 Timer & 1 AA SPDT
711	711N	711T	811AL	811ALN	2 MO DPDT
712	712N	712T	812AL	812ALN	1 MO DPDT & 1 AA DPDT
713	713N	713T	813AL	813ALN	2 AA DPDT

* **UL 294 LISTED**

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)

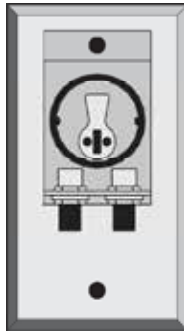
BB1D	Single Gang 2.25" W x 3.75" H x 2.75" D
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TAILPIECE

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-6KDK 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.

