700 & 800 Series
Key Switches



700
Single Gang



700N
Narrow 1.75” Wide
(with optional LED)



700T
Double Gang
(with optional LEDs and Siren)



800
Single Gang
(with optional LEDs)



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.

MODELS

		OPERATION	APPLICATIONS
701 **701N** **701T**	**801AL** **801ALN**	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.	• Circuit on - off • Access control bypass • Machine operation
702 **702N** **702T**	**802AL** **802ALN**	Momentary SPDT Turning the key left or right momentarily actuates the contact	• Momentary access • Timer activation • Alarm reset
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	• Timed access • Timed alarm shunt
705 **705N** **705T**	**805AL** **805ALN**	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	• Control two circuits simultaneously • Access and alarm bypass • Lock and magnetic door holder control
706 **706N** **706T**	**806AL** **806ALN**	Momentary DPDT Turning the key left or right momentarily actuates the contacts	• Control two circuits simultaneously
707 **707N** **707T**	**807AL** **807ALN**	#1 Momentary SPDT. Turning the key left momentarily actuates contact #1. #2 Momentary SPDT. Turning the key right momentarily actuates contact #2	• Control two circuits independently
708 **708N** **708T**	**808AL** **808ALN**	#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	• Control two circuits independently • Momentary access and sustained bypass of a door
709 **709N** **709T**	**809AL** **809ALN**	#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	• Control two circuits independently • Bypass with single station #1 • Bypass with all stations #2
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	• Control two circuits independently • Timed access and sustained bypass of a door • Timed alarm shunt (REX) and sustained alarm shunt
711 **711N** **711T**	**811AL** **811ALN**	#1 Momentary DPDT. Turning the key left momentarily actuates contact #1 #2 Momentary DPDT. Turning the key right momentarily actuates contact #2	• Control two pairs of circuits independently
712 **712N** **712T**	**812AL** **812ALN**	#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.	• Control two pairs of circuits independently • Activate a time delay, REX input or alarm shunt with #1 • Access control and alarm bypass with #2
713 **713N** **713T**	**813AL** **813ALN**	#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	• Control two pairs of circuits independently

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		
1 Gang	**Narrow**	**2 Gang**	**1 Gang**	**Narrow**	**Contacts**
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**	**8010 ALN**	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

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

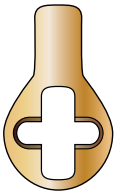


4| SPECIFY RETROFIT BACK BOX (OPTIONAL)

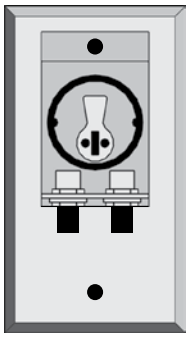
BB1D	Single Gang 2.25” W 3.75” H x 2.75” D

TAILPIECE

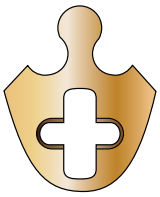
use tailpiece provided with SDC Part# CYL-KD or equivalent (ILCO 863G or 863J)



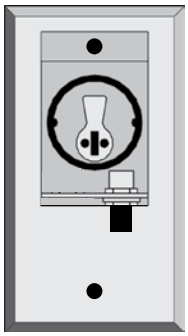
Compatible with all dual switch assemblies



Dual Switch Assembly



Compatible with all single and dual switch assemblies



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-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





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.