

800AL Series

Vandal Resistant Key Switches

SDC key switch assemblies provide an economical method of authorized control for a variety of applications. A choice of several contact configurations ensure compatibility with virtually any system. Key switch assemblies are compatible with U.S. standard, 1" and 1 $\frac{3}{8}$ " mortise key cylinders and interchangeable core cylinders*. Compatibility with a new or existing facility mechanical key system is maintained.

SDC's 800AL series vandal resistant switch assemblies come standard with $\frac{1}{4}$ " thick aluminum faceplates and heavy duty rated switches. Available in a narrow faceplate size to mount directly to the door frame or single gang sizes to be box mounted.

* Key cylinders not included, order separately. See related products.



808ALLTATS



801ALL2



MODELS

800ALN Key Switch, Narrow

800AL Key Switch, Single Gang



STANDARD FEATURES

- $\frac{1}{4}$ " thick aluminum faceplates
- Alternate action (AA) or momentary (MO)
- SPDT or DPDT
- 22 gauge wire leads, 7"
- Tamper resistant, recessed cylinder
- Tamper resistant spanner screws
- 1" - 1 $\frac{3}{8}$ " mortise cylinder compatible
- Large actuator for positive and consistent activation

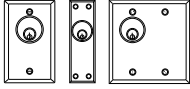


OPTIONAL FEATURES

- Visual status indicator (LED)
- Anti-tamper switch (ATS)



CROSS REFERENCE



Operation

Applications

701	801AL	Alternate action (AA) 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 (MO) 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			
705	805AL	Alternate action (AA) 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 (MO) 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 (MO) SPDT. Turning the key left momentarily actuates contact #1.	<ul style="list-style-type: none"> • Control two circuits independently
707N	807ALN	#2 Momentary (MO) SPDT. Turning the key right momentarily actuates contact #2	
707T			
708	808AL	#1 Momentary (MO) 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 (AA) 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 (AA) 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 (AA) SPDT. Turning the key right actuates and latches contact #2	
709T			
711	811AL	#1 Momentary (MO) 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 (MO) DPDT. Turning the key right momentarily actuates contact #2.	
711T			
712	812AL	#1 Momentary (MO) 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 (AA) 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 (AA) 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 (AA) DPDT. Turning the key right actuates and latches contact #2.	
713T			



SPECIFICATIONS

	800ALN	800AL
Faceplate	¼" Thick Aluminum	¼" Thick Aluminum
Size	Narrow	Single Gang
Dimensions	1¾" x 4½"	2⅞" x 4½"
Weight	0.55 lbs	0.65 lbs
Contact Rating	2 Amps @ 30 VDC Resistive	2 Amps @ 30 VDC Resistive
Wire Leads	7", 22 Guage	7", 22 Guage
Visual status indicator (LED)	20 mA @ 24 VDC	20 mA @ 24 VDC
Anti-tamper switch (ATS)	200 mA @ 12/24 VDC	200 mA @ 12/24 VDC

 Designates optional step

1 | SPECIFY MODEL

NARROW	SINGLE GANG	CONTACTS
801ALN	801AL	AA SPDT
802ALN	802AL	MO SPDT
805ALN	805AL	AA DPDT
806ALN	806AL	MO DPDT
807ALN	807AL	(2) MO SPDT
808ALN	808AL	(1) MO SPDT, (1) AA SPDT
809ALN	809AL	(2) AA SPDT
811ALN	811AL	(2) MO DPDT
812ALN	812AL	(1) MO DPDT, (1) AA DPDT
813ALN	813AL	(2) AA DPDT

2 | SPECIFY OPTIONS

- L1G** Visual Status Indicator (LED), One Green
- L1R** Visual Status Indicator (LED), One Red
- L2** Visual Status Indicator (LED), One Green & One Red
- LT** Visual Status Indicator (LED), One Tri-Color
- ATS** Anti-Tamper Switch (ATS)

STEP NUMBER:	1	3
ORDERING EXAMPLE:	812AL	L2 ATS

 RELATED PRODUCTS

RETROFIT BACK BOX

BB1D Single Gang, 2¼" W 3¾" H x 2¾" D



COMPATIBLE KEY CYLINDERS

CYL-6KAQ Mortise Cylinder 6-Pin, 1½" Length, Keyed Alike

CYL-6KDQ Mortise Cylinder, 6-Pin, 1½" Length, Keyed Different

