## **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%" 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 1/4" thick aluminum faceplates and heavy duty rated switches. Available in a narrrow 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.



800ALN Key Switch, Narrow 800AL Key Switch, Single Gang



### STANDARD FEATURES

- 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%" mortise cylinder compatible
- · Large actuator for positive and consistent activation







801ALL2



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





# CROSS REFERENCE







	0 0	Operation	Applications
701	801AL	Alternate action (AA) SPDT	Circuit on-off
701N 701T	801ALN	Turning the key left or right actuates and latches the contact. Contact position is maintained until the key is inserted and turned again.	<ul><li>Access control bypass</li><li>Machine operation</li></ul>
702 702N 702T	802AL 802ALN	Momentary (MO) SPDT Turning the key left or right momentarily actuates the contact.	<ul><li>Momentary access</li><li>Timer activation</li><li>Alarm reset</li></ul>
705 705N 705T	805AL 805ALN	Alternate action (AA) 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> <li>Control two circuits simultaneously</li> <li>Access and alarm bypass</li> <li>Lock and magnetic door holder control</li> </ul>
706 706N 706T	806AL 806ALN	Momentary (MO) DPDT Turning the key left or right momentarily actuates the contacts.	Control two circuits simultaneously
707 707N 707T	807AL 807ALN	#1 Momentary (MO) SPDT. Turning the key left momentarily actuates contact #1. #2 Momentary (MO) SPDT. Turning the key right momentarily actuates contact #2	Control two circuits independently
708 708N 708T	808AL 808ALN	#1 Momentary (MO) SPDT. Turning the key in one direction momentarily actuates contact #1.  #2 Alternate action (AA) SPDT. Turning the key in opposite direction actuates and latches contact #2 until the key is inserted and turned again.	<ul> <li>Control two circuits independently</li> <li>Momentary access and sustained bypass of a door</li> </ul>
709 709N 709T	809AL 809ALN	#1 Alternate action (AA) SPDT. Turning the key left actuates and latches contact #1 #2 Alternate Action (AA) SPDT. Turning the key right actuates and latches contact #2	<ul> <li>Control two circuits independently</li> <li>Bypass with single station #1</li> <li>Bypass with all stations #2</li> </ul>
711 711N 711T	811AL 811ALN	#1 Momentary (MO) DPDT. Turning the key left momentarily actuates contact #1. #2 Momentary (MO) DPDT. Turning the key right momentarily actuates contact #2.	Control two pairs of circuits independently
712 712N 712T	812AL 812ALN	#1 Momentary (MO) DPDT. Turning the key in one direction momentarily actuates contact #1.  #2 Alternate action (AA) DPDT. Turning the key opposite direction actuates and latches contact #2 until the key is inserted and turned again.	<ul> <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	813AL 813ALN	#1 Alternate action (AA) DPDT. Turning the key left actuates and latches contact #1. #2 Alternate action (AA) DPDT. Turning the key right actuates and latches contact #2.	Control two pairs of circuits independently



### **SPECIFICATIONS**

	800ALN	800AL
Faceplate	1/4" Thick Aluminum	1/4" Thick Aluminum
Size	Narrow	Single Gang
Dimensions	1 <sup>3</sup> / <sub>4</sub> " × 4 <sup>1</sup> / <sub>2</sub> "	2%" 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



### 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



RETROFIT BACK BOX **BB1D** Single Gang, 21/4" W 33/4" H x 23/4" D



#### COMPATIBLE KEY CYLINDERS

CYL-6KAQ Mortise Cylinder 6-Pin, 11/8" Length, Keyed Alike CYL-6KDQ Mortise Cylinder, 6-Pin, 11/8" Length, Keyed Different