

K-Series Single-pole Keylocks

Type K keylock switches offer low cost key operated protection against accidental or unauthorized access, with options in:

- standard compact style or
- anti-static version for static discharge protection
- Available fifth turner detent
- circuit arrangements
- key coding
- lock finishes
- terminal styles
- mounting styles
- contact materials/ratings
- fire code keys available (contract factory)

Specifications

Contact ratings: 8A/125 VAC or 28 VDC, 4A/250 VAC; UL recognized, CSA certified. Electrical life: 10,000 cycles min. at full load. Contact resistance: 10 milliohms max. Initial at 2-4 VDC, 100mA. Insulation resistance: 10⁷ ohms min. Dielectric strength: 1,000 rms at sea level. Indexing: 45° or 90° single-pole styles 5 positions max., double-pole styles 3 positions max., various key pull positions available. Static resistance: 20,000 VDC static resistance at sea level, lock body to terminals.

Materials & Features

Lock: five turner brass mechanism, Zinc alloy, nickel plated steel (std); chrome plate or matte stainless steel face optional. Switch housing: 6/6 nylon (UL94V-2).

Keylock Option	Lock Diagram	Key Position	Terminals Connected
100		1	8-1
101		3	1-3
102			
103		1	8-1
104		2	1-2
107		3	2-3
108		1	7-1
118		3	3-1
118		5	6-7
118		1	8-1
118		2	1-2
118		4	7-8
100		1	7-1
100		3	1-2
101		5	6-7
102		1	8-1
116		2	1-2
117		1	8-1
118		2	1-2
118		4	7-8

Ordering Information:

K _____

Series: Alternated Action 2-Positionary Action

Keylock Option No. Corresponds to lock diagram

Lock Style: S-Standard A-5/4th-Style

Keying: 1=No code stamped on lock (Std.) S-Standard Nickel Plating

Finish: Standard Nickel Plating

Terminal: 1=Standard Board Mount 3=Vine Bead (8" Back 22 AWG)

Mounting: N=Nil C=Clip

Contact Material & Rating: 1=Copper, Silver Plated (Standard) 3=Copper with Gold Plate over Nickel Plate 4=Copper with Gold Plate over Silver Plate

* KEYING - Two matching keys are provided with each switchlock. All K-Series switches come with 2 keys, 1st key blank. Nickel plated with code number. All locks on an individual order will be keyed alike (EX-0001) unless otherwise specified at the time of order. When it is necessary to order a specific key code (EX-0001) please include the key code when ordering.

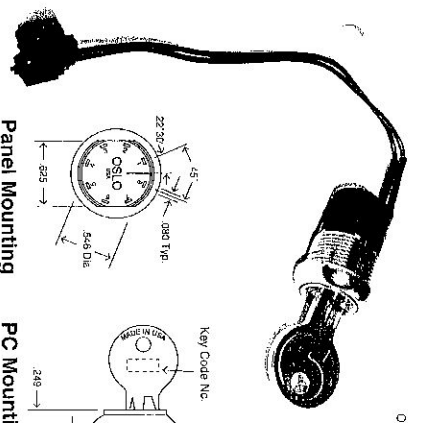
Note: Keylock switches may be custom configured to customer requirements, including multiple key codes and wire harness assemblies.



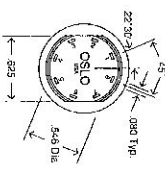
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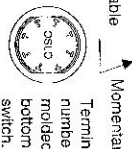
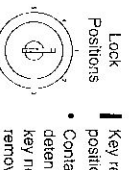
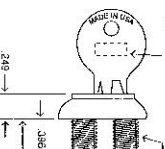
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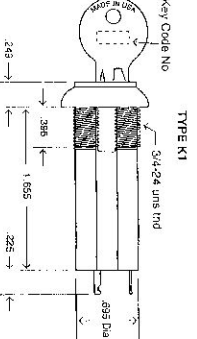
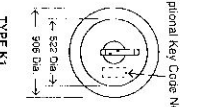
Panel Mounting



PC Mounting



Lock position: Key removable, Contact/detent removable, Momentary action.



Mounting Option	Panel Thickness Recommended
Nut	.250 in. max.
Clip	.065 - .090 in.

Option	Contact Material	Rating	Approvals
1 (std)	Copper, Silver	4A A1 125 VAC or 28 VDC at 250 VAC	UL/CSA
2	Copper, Silver	4A A1 125 VAC or 28 VDC at 250 VAC	UL/CSA
3	Copper with gold plate over nickel	5.4 V.A. max. at 20 VAC; none for 57V DC max.	CSA
4	Copper with gold plate over silver	4A A1 125 VAC or 28 VDC at 250 VAC	UL/CSA

* Ratings and approvals are marked on switch. Option 4 can be used in either dry circuit or power circuit applications. However, when dry circuit rating is exceeded, the gold plating on the contact surfaces is removed and the switch cannot then be used in dry circuit applications.