


# LK series Keylock Switches


Distinctive features and specifications


LK\_U1807US




- Single and double pole options
- Up to four positions
- Momentary and maintained switching
- Multiple key pull position options
- 45° or 90° indexing

<p style="text-align: center;"><b>ELECTRICAL SPECIFICATIONS</b></p> <ul style="list-style-type: none"> <li>• Contact rating : 4A at 125 VAC or 28VDC, 2A at 250 VAC</li> <li>• Contact resistance : <math>\leq 10 \text{ m}\Omega</math></li> <li>• Insulation resistance : <math>\geq 109 \text{ M}\Omega</math></li> <li>• Dielectric strength : 1000 V RMS minimum at sea level</li> <li>• Electrical life : 6000 cycles at full load</li> </ul>	<p style="text-align: center;"><b>GENERAL SPECIFICATIONS</b></p> <ul style="list-style-type: none"> <li>• Mechanical life : 6000 cycles at full load.</li> <li>• Operating temperature range : <math>-30^{\circ}\text{C}</math> to <math>+85^{\circ}\text{C}</math></li> </ul>
<p style="text-align: center;"><b>MATERIALS</b></p> <ul style="list-style-type: none"> <li>• Lock housing : Zinc alloy die casted, nickel plated</li> <li>• Cylinder : 4 disc tumbler, zinc alloy die casted, nickel plated</li> <li>• Keys : 2 single bitted keys, brass nickel plated</li> <li>• Contacts &amp; terminals : Gold plated copper alloy</li> <li>• Body : Glass filled polyester</li> </ul>	<p style="text-align: center;"><b>AGENCY APPROVALS</b></p> <div style="text-align: center;">  <span style="font-size: 1.2em;">File E83438</span> </div>

 Dimensions : first dimensions are in mm while inches are shown in brackets.  
Refer to the following pages for further information.

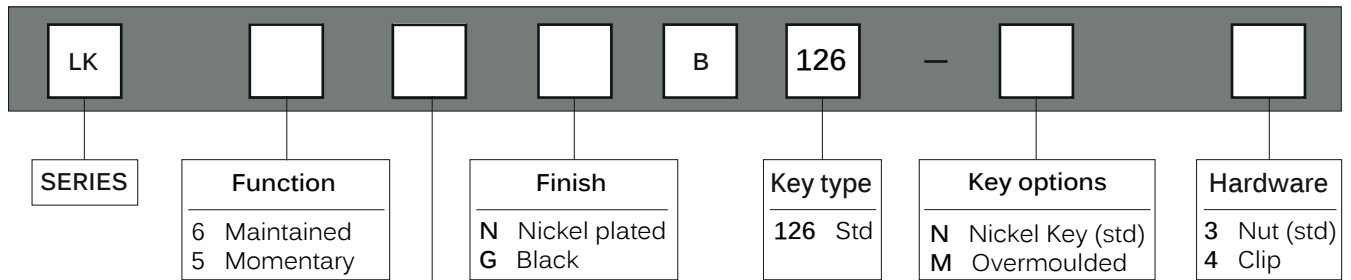
 Mounting accessories : Standard hardware supplied : 1 nut.  
For spare keys please contact APEM.

 Packaging unit : 25

# LK series

## Keylock Switches

### Overview



Maintained function	No of Poles	Lock Configuration	Indexing	Terminals Connected				Key Pull Position
				Pos. 1	Pos. 2	Pos. 3	Pos. 4	
<b>A</b>	SP		45°	8-1	1-2	2-3	—	1
<b>B (std)</b>	DP		45°	8-1, 4-5	1-2, 5-6	2-3, 6-7	—	1
<b>C</b>	SP		45°	8-1	1-2	2-3	—	3
<b>D (std)</b>	DP		45°	8-1, 4-5	1-2, 5-6	2-3, 6-7	—	3
<b>E</b>	SP		45°	8-1	1-2	2-3	—	1 & 3
<b>F (std)</b>	DP		45°	8-1, 4-5	1-2, 5-6	2-3, 6-7	—	1 & 3
<b>G</b>	SP		45°	8-1	1-2	7-8	—	1
<b>H (std)</b>	DP		45°	8-1, 4-5	1-2, 5-6	7-8, 3-4	—	1
<b>7</b>	SP		45°	8-1	1-2	7-8	—	1, 2 & 3
<b>J (std)</b>	DP		45°	8-1, 4-5	1-2, 5-6	7-8, 3-4	—	1, 2 & 3
<b>N</b>	SP		90°	8-1	1-3	—	—	1
<b>8 (std)</b>	DP		90°	8-1, 4-5	1-3, 5-7	—	—	1
<b>P</b>	SP		90°	8-1	1-3	—	—	2
<b>Q (std)</b>	DP		90°	8-1, 4-5	1-3, 5-7	—	—	2
<b>R</b>	SP		90°	8-1	1-3	—	—	1 & 2
<b>S (std)</b>	DP		90°	8-1, 4-5	1-3, 5-7	—	—	1 & 2
<b>9</b>	DP		45°	8-1	1-2	2-3	3-4	1, 2, 3 & 4

Momentary function	No of Poles	Lock Configuration	Indexing	Terminals Connected				Key Pull Position
				Pos. 1	Pos. 2	Pos. 3	Pos. 4	
<b>A (std)</b>	SP		45°	8-1	1-2	—	—	1
<b>B</b>	DP		45°	8-1, 4-5	1-2, 5-6	—	—	1
<b>E (std)</b>	SP		45°	8-1	1-2	7-8	—	1
<b>F</b>	DP		45°	8-1, 4-5	1-2, 5-6	7-8, 3-4	—	1
<b>G</b>	SP		45°/90°	7-1	1-2	6-7	—	1 & 3
<b>7 (std)</b>	SP		45°	8-1	1-2	7-8	—	1
<b>J</b>	DP		45°	8-1, 4-5	1-2, 5-6	7-8, 3-4	—	1



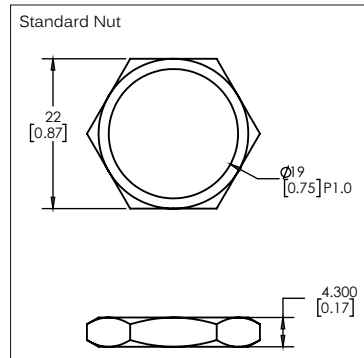
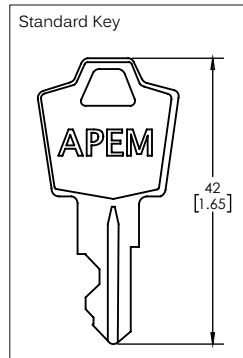
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Panel cut-out Ø19 (0.755)

## MODEL STRUCTURE



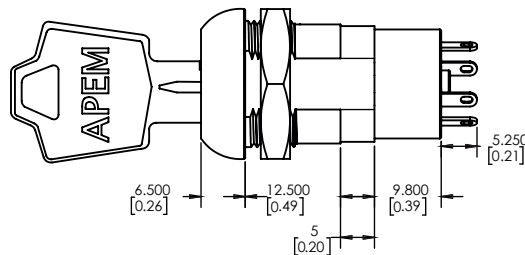
- 2, 3 and 4 position configuration
- Maintained and momentary functions
- Standard and overmoulded key
- Nut or clip fixing



## Maintained



## Momentary



## OPTIONS

Overmoulded Key

