

# 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

### ELECTRICAL SPECIFICATIONS

- Contact rating : 4A at 125 VAC or 28VDC, 2A at 250 VAC
- Contact resistance :  $\leq 10 \text{ m}\Omega$
- Insulation resistance :  $\geq 109 \text{ M}\Omega$
- Dielectric strength : 1000 V RMS minimum at sea level
- Electrical life : 6000 cycles at full load

### GENERAL SPECIFICATIONS

- Mechanical life : 6000 cycles at full load.
- Operating temperature range : -30°C to +85°C

### MATERIALS

- Lock housing : Zinc alloy die casted, nickel plated
- Cylinder : 4 disc tumbler, zinc alloy die casted, nickel plated
- Keys : 2 single bitted keys, brass nickel plated
- Contacts & terminals : Gold plated copper alloy
- Body : Glass filled polyester

### AGENCY APPROVALS



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

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### Overview

|        |                             |  |                            |          |                                     |   |                       |  |
|--------|-----------------------------|--|----------------------------|----------|-------------------------------------|---|-----------------------|--|
| LK     |                             |  |                            | B        | 126                                 | — |                       |  |
| SERIES | Function                    |  | Finish                     | Key type | Key options                         |   | Hardware              |  |
|        | 6 Maintained<br>5 Momentary |  | N Nickel plated<br>G Black | 126 Std  | N Nickel Key (std)<br>M Overmoulded |   | 3 Nut (std)<br>4 Clip |  |

| 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          |                    |          | 8-1, 4-5            | 1-2, 5-6 | 2-3, 6-7 | —   |                   |
| <b>C</b>            | SP          |                    | 45°      | 8-1                 | 1-2      | 2-3      | —   | 3                 |
| <b>D (std)</b>      | DP          |                    |          | 8-1, 4-5            | 1-2, 5-6 | 2-3, 6-7 | —   |                   |
| <b>E</b>            | SP          |                    | 45°      | 8-1                 | 1-2      | 2-3      | —   | 1 & 3             |
| <b>F (std)</b>      | DP          |                    |          | 8-1, 4-5            | 1-2, 5-6 | 2-3, 6-7 | —   |                   |
| <b>G</b>            | SP          |                    | 45°      | 8-1                 | 1-2      | 7-8      | —   | 1                 |
| <b>H (std)</b>      | DP          |                    |          | 8-1, 4-5            | 1-2, 5-6 | 7-8, 3-4 | —   |                   |
| <b>7</b>            | SP          |                    | 45°      | 8-1                 | 1-2      | 7-8      | —   | 1, 2 & 3          |
| <b>J (std)</b>      | DP          |                    |          | 8-1, 4-5            | 1-2, 5-6 | 7-8, 3-4 | —   |                   |
| <b>N</b>            | SP          |                    | 90°      | 8-1                 | 1-3      | —        | —   | 1                 |
| <b>8 (std)</b>      | DP          |                    |          | 8-1, 4-5            | 1-3, 5-7 | —        | —   |                   |
| <b>P</b>            | SP          |                    | 90°      | 8-1                 | 1-3      | —        | —   | 2                 |
| <b>Q (std)</b>      | DP          |                    |          | 8-1, 4-5            | 1-3, 5-7 | —        | —   |                   |
| <b>R</b>            | SP          |                    | 90°      | 8-1                 | 1-3      | —        | —   | 1 & 2             |
| <b>S (std)</b>      | DP          |                    |          | 8-1, 4-5            | 1-3, 5-7 | —        | —   |                   |
| <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          |                    |          | 8-1, 4-5            | 1-2, 5-6 | —        | — |                   |
| <b>E (std)</b>     | SP          |                    | 45°      | 8-1                 | 1-2      | 7-8      | — | 1                 |
| <b>F</b>           | DP          |                    |          | 8-1, 4-5            | 1-2, 5-6 | 7-8, 3-4 | — |                   |
| <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          |                    |          | 8-1, 4-5            | 1-2, 5-6 | 7-8, 3-4 | — |                   |

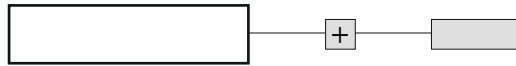
- Key pull position
- Detent positions
- Momentary positions

# LK series

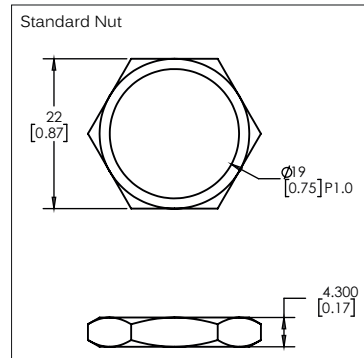
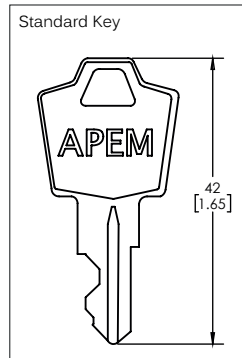
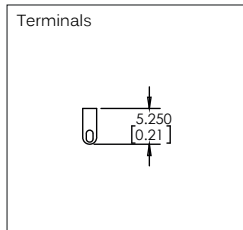
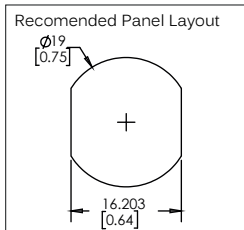
## Keylock Switches

Panel cut-out Ø19 (0.755)

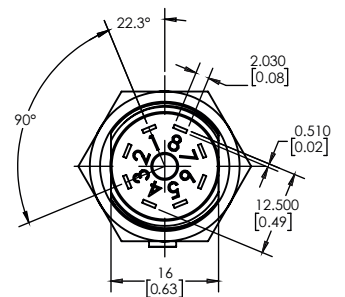
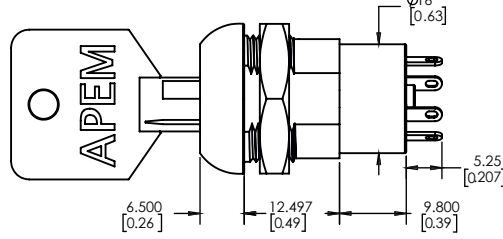
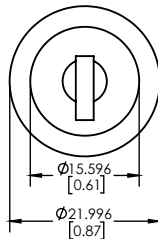
### MODEL STRUCTURE



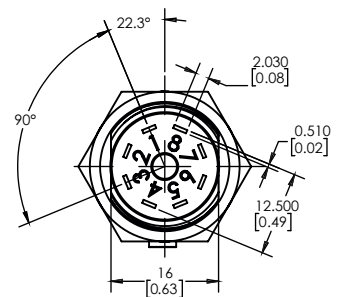
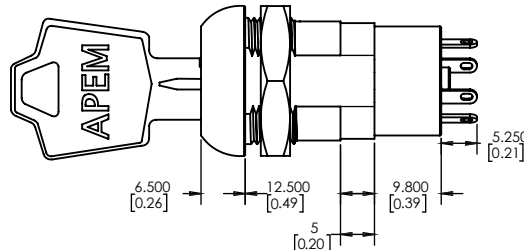
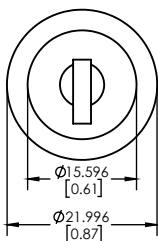
- 2, 3 and 4 position configuration
- Maintained and momentary functions
- Standard and overmoulded key
- Nut or clip fixing



### Maintained



### Momentary



### OPTIONS

Overmoulded Key

