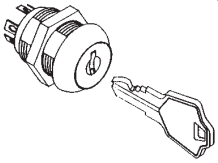




## SERIES KL09

- 4 Disk Tumblers
- Single Bitted Keys
- Stable positions
- Max 20 Key Codes



## CHARACTERISTICS

- Stable detent positions
- 4 Disk Tumbler cylinder, Single bitted Keys
- 3 to 5 Indexing Positions
- 45°, 90°, Mixed 45° and 90° Detent Angles
- Single pole or Double pole Switching
- Max 20 Key Codes

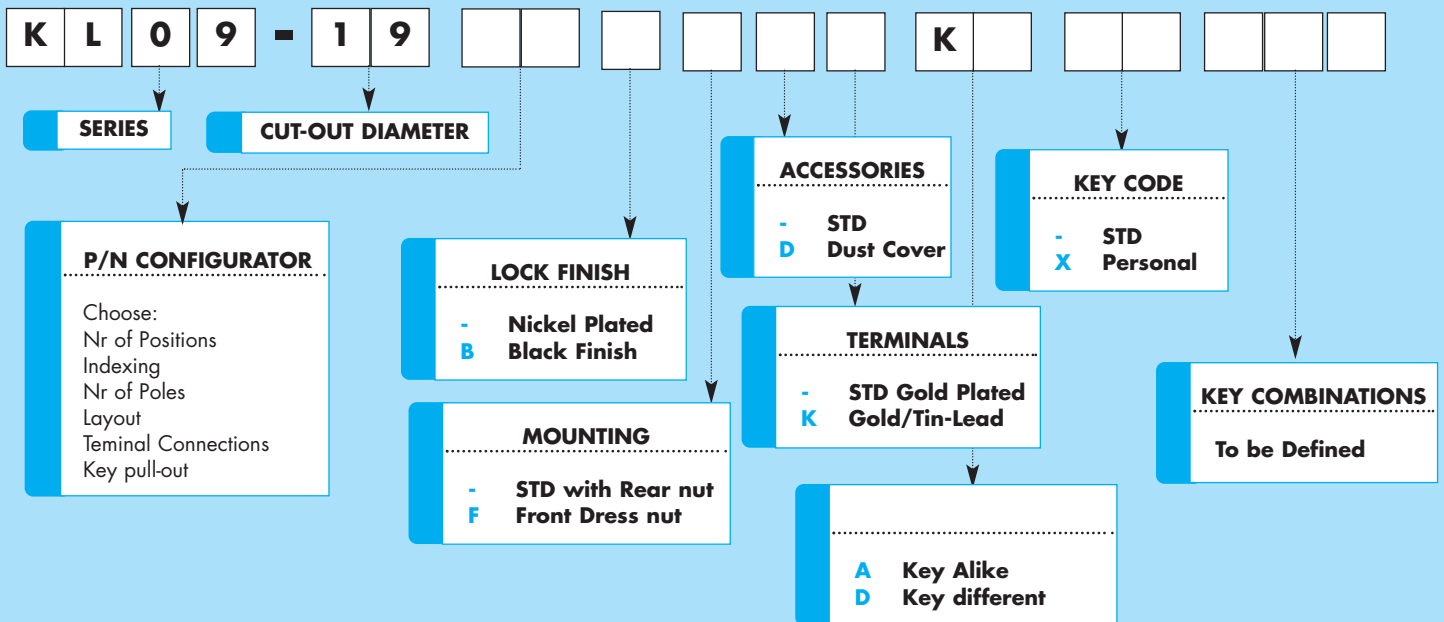
## SPECIFICATIONS

- Contact Rating:** 4A 125 @ VAC or 28 VDC - 2A @ 250 VAC
- Contact Resistance:** <math>< 10 \text{ m } \Omega</math>
- Insulation Resistance:**  $10^9 \Omega \text{ min.}$
- Dielectric Strength:** 1000 V RMS Min @ sea level
- Electric Life:** 6.000 make & break cycles @ full load

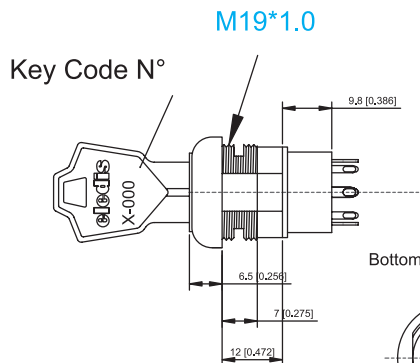
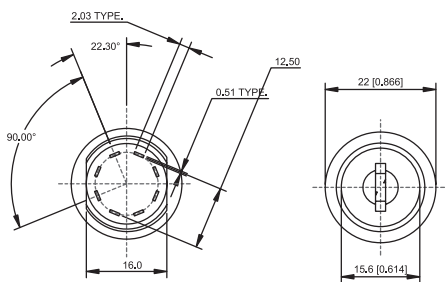
## MATERIALS

- Lock Housing:** Zinc alloy Die-casted & Nickel plated
- Cylinder:** 7 Pin in Zinc alloy Die-casted & Nickel plated
- Keys:** Brass or Brass Nickel-plated
- Contacts:** Hard Copper alloy Silver plated
- Mounting Nut:** Zinc alloy Die-casted & Nickel plated

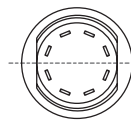
## HOW TO ORDER



KEY-LOCK SWITCHES



Bottom View



Terminal



- (\*) Same Key supplied standard
- (\*) When ordering specify same Key or different Keys ( max as specified in characteristics )
- (\*) Each Key is identified with a Key Code
- (\*) Min Qty per lot apply for different Keys - Please enquire -
- (\ ) Repeat orders can be supplied with specific Key Code ( subject to min lot orders ) - Please enquire -
- (\ ) Key Codes to fit other suppliers lock available on request - Please enquire -



## P/N Configurator for series KL07, KL08, KL09, KL18 with stable switching positions.

Choose desired configuration and add prefix to the P/N

| Prefix for P/N | N° of Key Positions | Indexing | Poles | Layout seen from Key-end | Position 1          |              | Position 2          |              | Position 3          |              | Position 4          |              | Position 5          |              |
|----------------|---------------------|----------|-------|--------------------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|                |                     |          |       |                          | Connected terminals | Key pull-out | Connected terminals | Key pull-out | Connected terminals | Key pull-out | Connected terminals | Key pull-out | Connected terminals | Key pull-out |
| <b>01</b>      | 3 Positions         | 45°      | SP    |                          | 8-1                 | Yes          | 1-2                 | No           | 2-3                 | No           |                     |              |                     |              |
| <b>02</b>      | 3 Positions         |          | DP    |                          | 8-1, 4-5            | Yes          | 1-2, 5-6            | No           | 2-3, 6-7            | No           |                     |              |                     |              |
| <b>03</b>      | 3 Positions         | 45°      | SP    |                          | 8-1                 | No           | 1-2                 | No           | 2-3                 | Yes          |                     |              |                     |              |
| <b>04</b>      | 3 Positions         |          | DP    |                          | 8-1, 4-5            | No           | 1-2, 5-6            | No           | 2-3, 6-7            | Yes          |                     |              |                     |              |
| <b>05</b>      | 3 Positions         | 45°      | SP    |                          | 8-1                 | Yes          | 1-2                 | No           | 2-3                 | Yes          |                     |              |                     |              |
| <b>06</b>      | 3 Positions         |          | DP    |                          | 8-1, 4-5            | Yes          | 1-2, 5-6            | No           | 2-3, 6-7            | Yes          |                     |              |                     |              |
| <b>07</b>      | 3 Positions         | 45°      | SP    |                          | 8-1                 | Yes          | 1-2                 | No           | 7-8                 | No           |                     |              |                     |              |
| <b>08</b>      | 3 Positions         |          | DP    |                          | 8-1, 4-5            | Yes          | 1-2, 5-6            | No           | 7-8, 3-4            | No           |                     |              |                     |              |
| <b>09</b>      | 3 Positions         | 45°      | SP    |                          | 8-1                 | Yes          | 1-2                 | Yes          | 7-8                 | Yes          |                     |              |                     |              |
| <b>10</b>      | 3 Positions         |          | DP    |                          | 8-1, 4-5            | Yes          | 1-2, 5-6            | Yes          | 7-8, 3-4            | Yes          |                     |              |                     |              |
| <b>11</b>      | 5 Positions         | 45°      | SP    |                          | 8-1                 | Yes          | 1-2                 | No           | 2-3                 | No           | 7-8                 | No           | 6-7                 | No           |
| <b>12</b>      | 5 Positions         |          | DP    |                          | 8-1                 | No           | 1-2                 | No           | 2-3                 | Yes          | 7-8                 | No           | 6-7                 | Yes          |
| <b>13</b>      | 5 Positions         | 45°      | SP    |                          | 8-1                 | Yes          | 1-2                 | No           | 2-3                 | Yes          | 7-8                 | No           | 6-7                 | Yes          |
| <b>14</b>      | 2 Positions         |          | 90°   | SP                       |                     | 8-1          | Yes                 | 1-3          | No                  |              |                     |              |                     |              |
| <b>15</b>      | 2 Positions         | DP       |       |                          | 8-1, 4-5            | Yes          | 1-3, 5-7            | No           |                     |              |                     |              |                     |              |
| <b>16</b>      | 2 Positions         | 90°      | SP    |                          | 8-1                 | No           | 1-3                 | Yes          |                     |              |                     |              |                     |              |
| <b>17</b>      | 2 Positions         |          | DP    |                          | 8-1, 4-5            | No           | 1-3, 5-7            | Yes          |                     |              |                     |              |                     |              |
| <b>18</b>      | 2 Positions         | 90°      | SP    |                          | 8-1                 | Yes          | 1-3                 | Yes          |                     |              |                     |              |                     |              |
| <b>19</b>      | 2 Positions         |          | DP    |                          | 8-1, 4-5            | Yes          | 1-3, 5-7            | Yes          |                     |              |                     |              |                     |              |
| <b>20</b>      | 4 Positions         | 45°/90°  | SP    |                          | 8-1                 | Yes          | 1-3                 | No           | 7-8                 | No           | 6-7                 | No           |                     |              |
| <b>21</b>      | 4 Positions         |          | DP    |                          | 8-1                 | No           | 1-3                 | Yes          | 7-8                 | No           | 6-7                 | Yes          |                     |              |
| <b>22</b>      | 4 Positions         | 45°/90°  | SP    |                          | 8-1                 | Yes          | 1-3                 | Yes          | 7-8                 | No           | 6-7                 | Yes          |                     |              |
| <b>23</b>      | 4 Positions         |          | DP    |                          | 8-1                 | Yes          | 1-3                 | Yes          | 7-8                 | No           | 6-7                 | Yes          |                     |              |
| <b>24</b>      | 4 Positions         | 45°/90°  | SP    |                          | 7-1                 | Yes          | 1-2                 | No           | 2-3                 | No           | 6-7                 | No           |                     |              |
| <b>25</b>      | 4 Positions         |          | DP    |                          | 7-1                 | No           | 1-2                 | No           | 2-3                 | Yes          | 6-7                 | Yes          |                     |              |
| <b>26</b>      | 4 Positions         | 45°/90°  | SP    |                          | 7-1                 | Yes          | 1-2                 | No           | 2-3                 | Yes          | 6-7                 | Yes          |                     |              |
| <b>27</b>      | 4 Positions         |          | DP    |                          | 7-1                 | Yes          | 1-2                 | No           | 2-3                 | Yes          | 6-7                 | Yes          |                     |              |
| <b>28</b>      | 3 Positions         | 90°      | SP    |                          | 7-1                 | Yes          | 1-3                 | No           | 6-7                 | No           |                     |              |                     |              |
| <b>29</b>      | 3 Positions         |          | DP    |                          | 7-1                 | No           | 1-3                 | Yes          | 6-7                 | Yes          |                     |              |                     |              |
| <b>30</b>      | 3 Positions         | 90°      | SP    |                          | 7-1                 | Yes          | 1-3                 | Yes          | 6-7                 | Yes          |                     |              |                     |              |
| <b>31</b>      | 3 Positions         |          | DP    |                          | 7-1                 | Yes          | 1-3                 | Yes          | 6-7                 | Yes          |                     |              |                     |              |

KEY-LOCK SWITCHES

**Legend:** ● Key pull-out possible in this position  
 ● Detent position 45° or 90°