

# Multifunctional Switches

## Lever Push Switches (Small Type)

### ■ 特 長

- 1つのスイッチで、機能選択と確定操作が片手で実行できます。
- 水平型タイプは端子をJリードにし、端子位置を本体のサイド側に配置したことにより、セット側の省スペース化が図れます。
- キートップ一体型タイプと、キャップタイプの2種類を用意しています。
- 動作寿命 100万回の高寿命タイプも用意しています。

### ■ Features

1. One unit of this switch is sufficient for both function selection and entry of the selected function.
2. J-Lead type terminals located on the side of the body of the horizontal type help downsize equipment.
3. Two options of a keytop-inclusion type and cap type are available.
4. A long life of 1,000,000 cycles is also available.

### ■ 仕 様 / Specification

| 図番<br>Part No.                        | JLS1200-02□1                               | JLS1300-14□ <input type="checkbox"/> F<br>JLS1300-08□1 | JLS1300-1301F | JLS1300-10□ <input type="checkbox"/> F<br>JLS1300-11□1F |
|---------------------------------------|--|--|---------------|---|
| 定格<br>Rating                          | 10mA, 5V DC                                |  |               |   |
| 接触抵抗<br>Contact Resistance            | 1Ω 以下<br>1Ω max.                           |  |               |   |
| 絶縁抵抗<br>Insulation Resistance         | 100MΩ DC 100V<br>100MΩ, 100V DC            |  |               |   |
| 耐電圧<br>Withstanding Voltage           | AC 100V (1 分間)<br>100V AC (for one minute) |  |               |   |
| 回路<br>Circuit                         | Rotation                                   | SPDT   |               |   |
|                                       | Push                                       | —  | SPST          |   |
| 作動力<br>Operating Force                | Rotation                                   | 1.4±0.7N   |               |   |
|                                       | Push                                       | —  | 2.5±1.25N     |   |
| 回転角度<br>Rotation Angle                | On   | 12.5°  |               |   |
|                                       | Full                                       | 18°  |               |   |
| プッシュストローク<br>Push Stroke              | On   | —  | 0.5mm         |   |
|                                       | Full                                       | —  | 0.8mm         |   |
| 動作寿命<br>Operating Life                | 100,000 cycles                             |  |               | 1,000,000 cycles  |
| 使用温度範囲<br>Operating Temperature Range | −20°C ~ +70°C                              | −30°C ~ +70°C  |               |   |

### ■ 用 途

デジタルスチルカメラ、カーオーディオ、ポータブルオーディオ、PC、PC 周辺機器、TV、DVD プレーヤー、産業機器、事務機、家電製品、ヘルスケア製品

### ■ Application


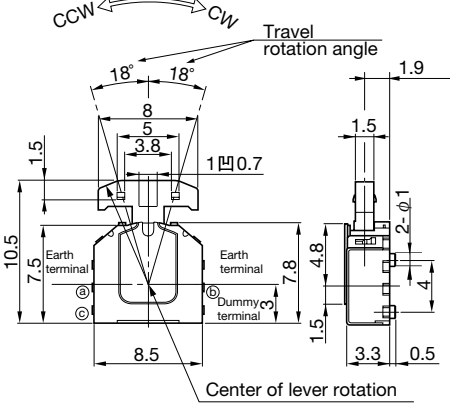
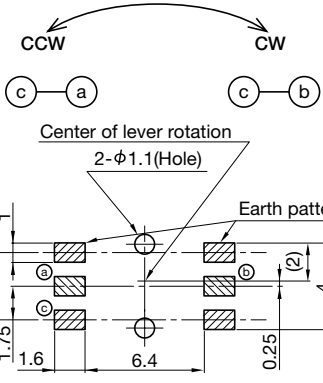

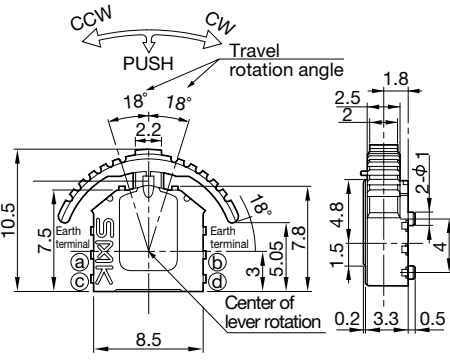
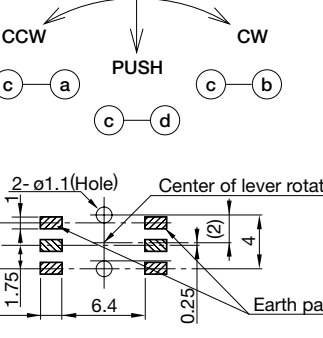

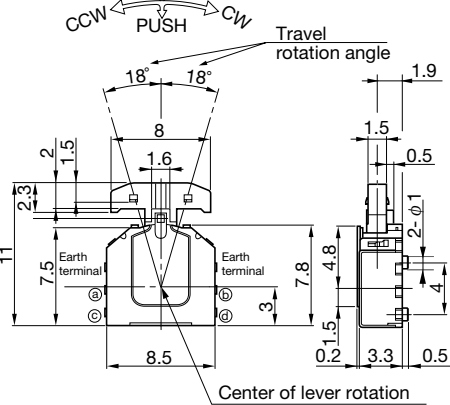
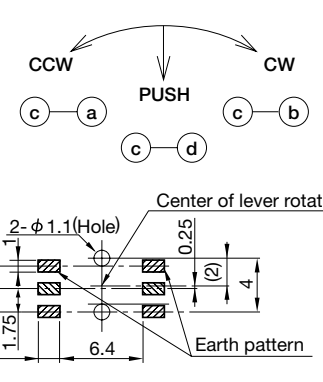
Digital still cameras, car audios, portable audios, PCs, PC peripherals, TVs, DVD players, industrial equipment, business equipment, home appliance and healthcare products.

|                          |   |
|--------------------------|---|
| <input type="checkbox"/> | 図番 / Part No.                                     |
| 0                        | 製品図番 / Product Part No.                           |
| 1                        | エンボステーピング梱包図番<br>Embossed Taping Packing Part No. |

※納入はエンボステーピング梱包となります。  
Delivery will be made on embossed taping.


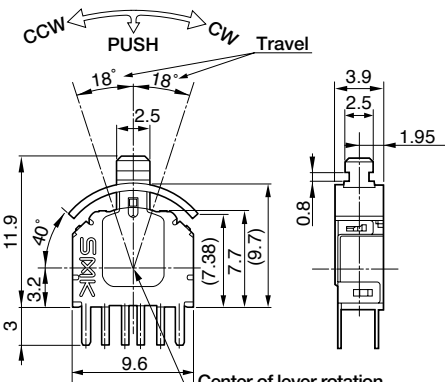
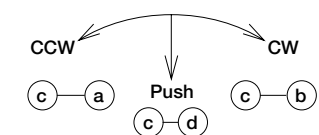
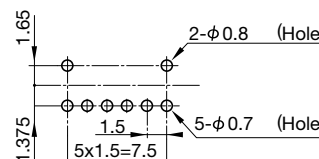

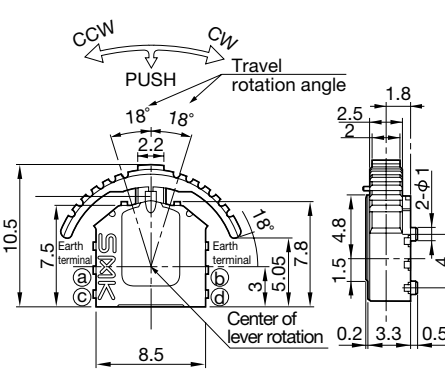
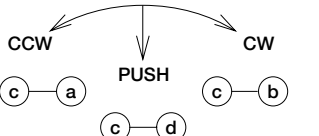
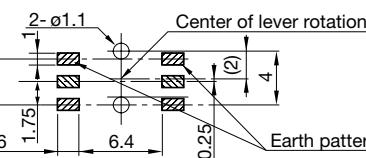

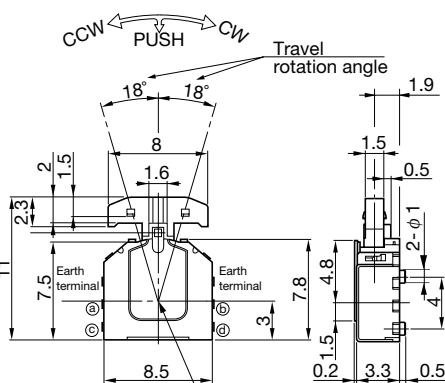
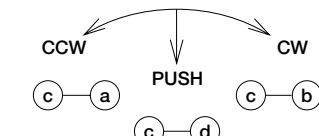
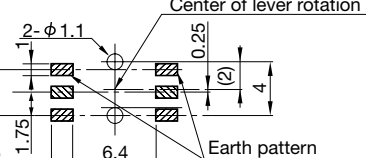
# Multifunctional Switches

## Lever Push Switches

| <p><b>JLS1200-02□1</b></p> <p>(Without Center Push)</p>  <p>1,000 pcs/reel</p>   |  <p>CCW ← → CW<br/>Travel rotation angle<br/>18° 18°<br/>1.9<br/>1.5<br/>10.5<br/>7.5<br/>8.5<br/>1.5<br/>4.8<br/>3.3<br/>0.5<br/>2-φ1<br/>4<br/>1.5<br/>1.5<br/>3<br/>7.8<br/>1.5<br/>3.8<br/>5<br/>8<br/>1凹0.7<br/>Earth terminal<br/>Earth terminal<br/>Dummy terminal<br/>Center of lever rotation</p> | <p>回路 / Circuit</p>  <p>CCW → ← CW<br/>Center of lever rotation<br/>2-φ1.1(Hole)<br/>Earth pattern<br/>1<br/>3.5<br/>1.75<br/>1.6<br/>6.4<br/>0.25<br/>4</p> <p>取付基板参考図<br/>P. C. Board Dimension</p>            |   |      |   |       |   |  |
|---|--|---|---|------|---|-------|---|--|
| <p><b>JLS1300-14□XF</b></p> <p>(With Center Push)</p>  <table border="1" data-bbox="424 1205 571 1294"> <thead> <tr> <th>☒</th> <th>Lever Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Gray</td> </tr> <tr> <td>2</td> <td>Black</td> </tr> </tbody> </table> <p>1,000 pcs/reel</p> | ☒  | Lever Color   | 1 | Gray | 2 | Black |  <p>CCW ← → CW<br/>Travel rotation angle<br/>18° 18°<br/>1.8<br/>2.5<br/>10.5<br/>7.5<br/>8.5<br/>1.5<br/>4.8<br/>0.2<br/>3.3<br/>0.5<br/>2-φ1<br/>4<br/>1.5<br/>3<br/>7.8<br/>1.5<br/>2.2<br/>2<br/>1.8<br/>PUSH<br/>Center of lever rotation</p> | <p>回路 / Circuit</p>  <p>CCW → ← CW<br/>PUSH<br/>Center of lever rotation<br/>2-φ1.1(Hole)<br/>Earth pattern<br/>1<br/>3.5<br/>1.75<br/>1.6<br/>6.4<br/>0.25<br/>4</p> <p>取付基板参考図<br/>P. C. Board Dimension</p> |
| ☒   | Lever Color  |   |   |      |   |       |   |  |
| 1   | Gray   |   |   |      |   |       |   |  |
| 2   | Black  |   |   |      |   |       |   |  |
| <p><b>JLS1300-08□1F</b></p> <p>(With Center Push)</p>  <p>1,000 pcs/reel</p>   |  <p>CCW ← → CW<br/>Travel rotation angle<br/>18° 18°<br/>1.9<br/>1.5<br/>11<br/>7.5<br/>8.5<br/>1.5<br/>4.8<br/>0.2<br/>3.3<br/>0.5<br/>2-φ1<br/>4<br/>1.5<br/>3<br/>7.8<br/>1.5<br/>1.6<br/>2<br/>2.3<br/>PUSH<br/>Center of lever rotation</p>   | <p>回路 / Circuit</p>  <p>CCW → ← CW<br/>PUSH<br/>Center of lever rotation<br/>2-φ1.1(Hole)<br/>Earth pattern<br/>1<br/>3.5<br/>1.75<br/>1.6<br/>6.4<br/>0.25<br/>4</p> <p>取付基板参考図<br/>P. C. Board Dimension</p> |   |      |   |       |   |  |

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| <p><b>JLS1300-1301F</b></p> <p>(With Center Push)</p>  <p>Pack in Bulk</p>   |  <p>CCW PUSH CW Travel</p> <p>18° 18°</p> <p>2.5</p> <p>11.9 40° 3.2 3 9.6</p> <p>7.38 7.7 (9.7)</p> <p>3.9 2.5 1.95</p> <p>0.8</p> <p>Center of lever rotation</p>      | <p>回路 / Circuit</p>  <p>CCW Push CW</p> <p>(c) (a) (c) (d) (c) (b)</p>  <p>2-φ0.8 (Hole)</p> <p>1.65 1.375 1.5 5x1.5=7.5 5-φ0.7 (Hole)</p> <p>取付基板参考図<br/>P. C. Board Dimension</p>                    |   |      |   |       |   |   |
|---|--|--|---|------|---|-------|---|---|
| <p><b>JLS1300-10□XF</b></p> <p>(With Center Push)</p>  <table border="1" data-bbox="399 1187 542 1276"> <thead> <tr> <th>☒</th> <th>Lever Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Gray</td> </tr> <tr> <td>2</td> <td>Black</td> </tr> </tbody> </table> <p>1,000 pcs/reel</p> | ☒  | Lever Color  | 1 | Gray | 2 | Black |  <p>CCW PUSH CW Travel rotation angle</p> <p>18° 18°</p> <p>2.2 2.5 1.8 2 2-φ1</p> <p>10.5 7.5 8.1 7.8 5.05 3 0.2 3.3 0.5</p> <p>8.5</p> <p>Center of lever rotation</p> | <p>回路 / Circuit</p>  <p>CCW PUSH CW</p> <p>(c) (a) (c) (d) (c) (b)</p>  <p>2-φ1.1 Center of lever rotation</p> <p>3.5 1.6 1.75 6.4 0.25 Earth pattern</p> <p>取付基板参考図<br/>P. C. Board Dimension</p> |
| ☒   | Lever Color  |  |   |      |   |       |   |   |
| 1   | Gray   |  |   |      |   |       |   |   |
| 2   | Black  |  |   |      |   |       |   |   |
| <p><b>JLS1300-11□1F</b></p> <p>(With Center Push)</p>  <p>1,000 pcs/reel</p>   |  <p>CCW PUSH CW Travel rotation angle</p> <p>18° 18°</p> <p>2 1.5 8 1.6 1.9 1.5 0.5</p> <p>11 2.3 7.5 7.8 3 0.2 3.3 0.5</p> <p>8.5</p> <p>Center of lever rotation</p> | <p>回路 / Circuit</p>  <p>CCW PUSH CW</p> <p>(c) (a) (c) (d) (c) (b)</p>  <p>2-φ1.1 Center of lever rotation</p> <p>3.5 1.6 1.75 6.4 0.25 Earth pattern</p> <p>取付基板参考図<br/>P. C. Board Dimension</p> |   |      |   |       |   |   |