# Slide Potentiometers
## List of Varieties

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard Type</th>
<th>Master Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>Super Slide™</td>
<td>Slim Slide™ (Slim 4)</td>
</tr>
<tr>
<td>RS □□ RS □□</td>
<td>RS □□ RS □□</td>
<td>RS06U</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Photo</th>
<th>Travel (mm)</th>
<th>Direction of lever</th>
<th>Lever material</th>
<th>Operating temperature range</th>
<th>Operating life</th>
<th>Available for automotive use</th>
<th>Life cycle (availability)</th>
<th>Electrical performance</th>
<th>Mechanical performance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15, 20, 30, 45, 60</td>
<td>Vertical</td>
<td>Metal / Resin</td>
<td>−25℃ to +70℃</td>
<td>15,000 cycles</td>
<td>○</td>
<td></td>
<td>Total resistance (kΩ)</td>
<td>0.3 to 2.5N</td>
</tr>
<tr>
<td></td>
<td>15, 20, 30</td>
<td>Horizontal</td>
<td>Resin</td>
<td>−10℃ to +70℃</td>
<td>10,000 cycles</td>
<td>—</td>
<td></td>
<td>5, 10, 20, 50, 100, 200, 250</td>
<td>0.6±0.5N</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Vertical</td>
<td>Resin</td>
<td>−10℃ to +60℃</td>
<td></td>
<td>—</td>
<td></td>
<td>15A, 1B</td>
<td>1.6 max.</td>
</tr>
<tr>
<td></td>
<td>60, 100</td>
<td>Vertical</td>
<td>Metal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10, 50, 100 (Standard)</td>
<td></td>
</tr>
</tbody>
</table>

## Notes
1. "L" in the "Lever Wobble" column of the above table indicates the length of lever.
2. [RS □□ RS □□] indicates travel.
3. ○ Indicates applicability to some products in the series.
# Slide Potentiometers

## List of Varieties

<table>
<thead>
<tr>
<th>Type</th>
<th>Low-profile Master Type</th>
<th>Motor-driven Master Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>N Fader</td>
<td>Motor N Fader</td>
</tr>
<tr>
<td></td>
<td>P Fader</td>
<td>Motor K Fader</td>
</tr>
<tr>
<td></td>
<td>V Fader</td>
<td>Motor V Fader</td>
</tr>
<tr>
<td>RS □□ N</td>
<td>RS601□ □ P</td>
<td>RS □□ N □ □ M</td>
</tr>
<tr>
<td>□□ □□ □□ □</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td></td>
<td>Single-unit/Dual-unit</td>
<td>Single-unit/Dual-unit</td>
</tr>
</tbody>
</table>

### Photo

- Travel (mm): 60, 100  
- 60  
- 60, 100  
- 100

- Direction of lever: Vertical

- Lever material: Metal  
- Resin

- Operating temperature range: −10°C to +60°C

- Operating life: 30,000 cycles  
- 300,000 cycles  
- 100,000 cycles

- Available for automotive use: —  
- —  
- —  
- —

### Electrical performance

- Total resistance (kΩ): 10, 50, 100, 250  
- 10, 20, 50  
- 10, 50, 100, 250  
- 10

- Resistance taper: 15A, 1B, 10A  
- Single-unit: 1B  
- Dual-unit: Servo 1B  
- Audio 15A, 1B, 10A  
- 1B

- Rated Power: 0.1W (RS60N)  
- 0.25W (RSA0N)  
- 0.2W (Single-unit)  
- 0.25W (Dual-unit)  
- 0.5W (RSA0N)  
- 0.5W

- Insulation resistance: 100MO min.  
- 250V DC

- Voltage proof: 250V AC for 1 minute

### Mechanical performance

- Operating force: Single-unit: 0.3±0.2N  
- Dual-unit: 0.4±0.5N  
- 0.5±10N  
- 0.8±0.5N  
- Single-unit: 0.4±0.25N  
- Dual-unit: 0.25 to 0.9N  
- —

- Center detent: Without

- Stopper strength: 100N  
- 10N

- Lever push-pull strength: 50N  
- 20N

- Lever wobble (mm): Both sides  
- 2(2×L)  
- 25

- Lever deviation (mm): 0.5 max. (One side)

- Terminal style: Insertion  
- Lead, Insertion  
- Connector (Fader)  
- Lead (Motor)  
- Connector

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**Notes**

1. Attenuation is specified for residual resistance.
2. “L” in the “Lever Wobble” column of the above table indicates the length of lever.

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**Slide Potentiometers Soldering Conditions**

**Potentiometer Cautions**

**Potentiometers Measurement and Test Methods**

**Potentiometers Resistance Taper**

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