SERIES 71 J and L
Multi-Deck, Standard & Anti-Static

LOCK FEATURES
• Economical
• Standard or Anti-Static Style
• 5-Plates, 1-Sided Key

SWITCH FEATURES
• Economical
• 36° or 30° Throws
• Up to 16 Poles Per Switch
• 250 mA for 15,000 Cycles

DIMENSIONS in inches (and millimeters)

Key slot shown in position 1.
Key to be inserted with cut side down.

<table>
<thead>
<tr>
<th>Number of decks</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dim. B Style J &amp; L (in.)</td>
<td>.031</td>
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<td>.031</td>
<td>.312</td>
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</tr>
<tr>
<td>Dim. A, Style J (mm)</td>
<td>62.00</td>
<td>67.54</td>
<td>73.08</td>
<td>78.61</td>
<td>84.15</td>
<td>90.61</td>
<td>97.12</td>
<td>103.68</td>
<td>110.24</td>
<td>116.80</td>
<td>123.36</td>
<td>130.00</td>
</tr>
<tr>
<td>Dim. A, Style L (mm)</td>
<td>46.00</td>
<td>51.54</td>
<td>57.07</td>
<td>62.61</td>
<td>68.15</td>
<td>73.61</td>
<td>80.12</td>
<td>86.68</td>
<td>93.24</td>
<td>100.80</td>
<td>107.36</td>
<td>114.00</td>
</tr>
<tr>
<td>Dim. B Style J &amp; L (mm)</td>
<td>.79</td>
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</tbody>
</table>

For switch specifications and additional dimensions, see Standard Switch Pages.
Grayhill part number and date code marked on label.
Customer part number marked on request.

LOCK DETAIL

RECOMMENDED PANEL CUT

Note: Switch/key positions are not aligned with terminal positions.
### CHOICES

<table>
<thead>
<tr>
<th>Style</th>
<th>Description</th>
<th>Angle of Throw</th>
<th>No. Of Decks</th>
<th>Poles/Deck</th>
<th>Positions Per Pole</th>
<th>Shorting or Non-Shrtg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>Standard, Solder Lugs</td>
<td>30°</td>
<td>01 to 12</td>
<td>1</td>
<td>02 to 12*</td>
<td>N or S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>01 to 08</td>
<td>2</td>
<td>02 to 06</td>
<td>N or S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>01 to 05</td>
<td>3</td>
<td>02 to 03</td>
<td>N or S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>01 to 04</td>
<td>4</td>
<td>02 to 03</td>
<td>N or S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>01 to 03</td>
<td>5</td>
<td>02</td>
<td>N or S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>01 or 02</td>
<td>6</td>
<td>02</td>
<td>N or S</td>
</tr>
<tr>
<td>J</td>
<td>Anti-static, Solder Lugs</td>
<td>36°</td>
<td>01 to 12</td>
<td>1</td>
<td>02 to 10*</td>
<td>N or S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>01 to 08</td>
<td>2</td>
<td>02 to 05</td>
<td>N or S</td>
</tr>
</tbody>
</table>

*For single pole switches with maximum positions, specify continuous rotation or fixed stop when ordering.

### LOCK SPECIFICATIONS

**Mounting:** By bushing, nut and lockwasher  
**Static Voltages:** Anti-static style withstands 15,000 Vdc  
**Keying:** All locks have identical keys unless specially ordered otherwise  

**Key Removal**  
30° Throw: Position 1 and 180° Special key removal: Every 90°  
36° Throw: All positions Special key removal: Position 1 only  

**Orientation of Keylock Switch:** Bushing flats are on both sides of the mounting thread with the key upright in the first position with cut side down.

### LOCK MATERIALS & FINISHES

**Keys:** Brass; 2 supplied  
**Lock Bezel:** Stainless steel  
**Lock Barrel & Plug:** Zinc treated with chromate  
**Lock Adaptor/Extension:** Thermoplastic

### ORDERING INFORMATION

**Series**  
**Style Letter:** L for standard; J for anti-static  
**Angle of Throw:** 30 or 36  
**Number of Decks:** 01 thru 12 (per Choices chart)  
**Poles per Deck:** 1 thru 6 (per Choices chart)  
**Positions per Pole:** 02 thru 12 (per Choices chart)  
**Type of Contacts:**  
N = Non-shorting  
S = Shorting  
**Stop Arrangement Suffix:**  
(necessary only for 1-pole switches with maximum positions)  
F = Fixed stop between last and first positions  
*Leave blank for continuous rotation

### STANDARD SWITCH PAGES

For additional switch dimensions, ratings, circuitry, and specifications, see Series 71 datasheet.

Available from your local Grayhill Distributor.

For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.