R7 Series Rocker Switch

**Specifications**

- Contact Rating: 20(8)A @ 125/250VAC, 50/60 Hz, μT55; 16A @ 6-30VDC, 50/60 Hz, μT55; 20(8)A @ 125/250VAC, 50/60 Hz, μT85/μT55; 16A @ 6-30VDC, 50/60 Hz, μT85/μT55
- Electrical Life: 10,000 Cycles per UL61058
- Contact Resistance: 20mΩ Max. initial
- Insulation Resistance: 100 MΩ Min. @ 500VDC
- Dielectric Strength: 1,500VAC for 1 minute
- Operating Temperature: 0°C to 55°C
- Storage Temperature: -20°C to 85°C
- Agency Approvals: cURus
- Contact Arrangement: SP or DP up to 3 positions
- Moisture Protection: IP67 to front panel
- Panel Thickness: 1.5 - 4.5mm

**Features & Benefits**

- Rated to IP67
- UL Certified
- Ergonomic design
- Solder, faston or screw termination
- LED Illumination options
- Multiple functions
- Many actuator styles
- Custom actuator marking available

**Part Number Configurator**

<table>
<thead>
<tr>
<th>Series</th>
<th>No. of Poles</th>
<th>Functions</th>
<th>Terminals</th>
<th>Actuator Style**</th>
<th>Marking**</th>
</tr>
</thead>
<tbody>
<tr>
<td>R7</td>
<td>1 - SP</td>
<td>1 - On-Off</td>
<td>F - Faston 1/4&quot;</td>
<td>X - None</td>
<td>SXXX</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 - On-Off</td>
<td>W - Screw</td>
<td>A2 - Hard PC</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 - (On)-Off</td>
<td></td>
<td>A3 - Hard PC</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>5 - (On)-On</td>
<td></td>
<td>B1 - Soft TPR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 - (On)-Off(On)</td>
<td></td>
<td>B2 - Soft TPR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>7 - (On)-Off-On</td>
<td></td>
<td>B3 - Soft TPR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>8 - (On)-Off</td>
<td></td>
<td>B4 - Soft TPR</td>
<td></td>
</tr>
</tbody>
</table>

( ) denotes momentary

‡ Function 3 is used only with ratings options 2 and 4

** When creating a part number for just the switch body, choose the "X" options for those marked in red. Use all options in the main part number configurator when ordering the switch body assembled with the actuator.

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**EXAMPLE ORDERING CODES:**

- Complete Switch: R71FB1-SXXXBNNX
- Switch Body: R71FXX-SXXXXGDRX
- Switch Actuator: R71BLKW

*You can choose to order just the actuator as a separate part number*
**R7 Series Rocker Switch**

**Body Dimensions**

**Double Pole without actuator**

**Double Pole with actuator**

(E3 actuator shown)

**Recommended Panel Cutout**

- **Recommended Panel Cutout:**
  - Recommended Panel Cutout: 21.10 ± .20 [.831 ± .008 in]
  - Recommended Panel Cutout: 37.00 ± .20 [1.457 ± .008 in]
### R7 Series Rocker Switch

#### Termination Options

- **Faston 1/4"**
- **Screw**
- **Solder**
**Actuator Options**

- **A** Hard PC
  - A1
  - A2
  - A3

- **B** Soft TPR
  - B1
  - B2
  - B3
  - B4

- **C** Hard PC
  - C1
  - C2
  - C3

- **D** Hard PC
  - D1
  - D2
  - D3

- **E** Soft TPR
  - E1
  - E2
  - E3

- **F** Soft TPR
  - F1
  - F2
  - F3

TPR = Thermal Plastic Rubber  
PC = Polycarbonate