RP8300 Series Pushbutton Switch

Specifications

- **Electrical Rating:**
  - 500mA @ 48 VAC, 200mA @ 50 VDC, 200mA @ 250 VAC

- **Life Expectancy:** 500,000 Cycles

- **Contact Resistance:** 50mΩ Max.

- **Insulation Resistance:** 1,000MΩ Min. @ 500VDC

- **Dielectric Strength:** 1,500VAC for 1 minute

- **Operating Temperature:** -30°C to 85°C

- **Travel:** 1.5mm

- **Contact Arrangement:** SPST, Off-(On), Momentary

- **Actuation Force:** 350 gf

- **Panel Thickness:** 1.5mm - 4.0mm

- **Ingress Protection:** IP67

Features & Benefits

- Threaded mount
- 500,000 life expectancy
- LED illumination options
- Sealed to IP67 ratings
- Metal Diecast housing

Part Number Configurator

<table>
<thead>
<tr>
<th>Series</th>
<th>Bushing</th>
<th>Termination</th>
<th>Contact Material</th>
<th>Seal</th>
<th>Housing Color</th>
<th>Cap Color</th>
<th>LED Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>RP8300</td>
<td>B2 - Threaded (12 x 0.75)</td>
<td>M1 - Standard</td>
<td>C - Gold Over Silver</td>
<td>E - Epoxy Sealed</td>
<td>BLK - Black*</td>
<td>WHT - White</td>
<td>[LED Color Options]</td>
</tr>
<tr>
<td>RP8301*</td>
<td>[LED Color Options]</td>
<td>[LED Color Options]</td>
<td>[LED Color Options]</td>
<td>[LED Color Options]</td>
<td>[LED Color Options]</td>
<td>[LED Color Options]</td>
<td>[LED Color Options]</td>
</tr>
</tbody>
</table>

*The RP8301 series is only offered with a black housing color and is non-illuminated.

Specifications subject to change without notice 9.25.2019
RP8300 Series Pushbutton Switch

RP8301 w/o LED
B2 Bushing

Panel Cutout

Schematic

Orientation Flat for Panel Mounting

Schematic