Introduction

The SR3 Switch Rockers have been developed to provide the reliability required in demanding environmental conditions such as multifunction grips, dashboards or armrest controls for heavy duty industrial applications. The switching system is distinguished by its high reliability with a life expectation of at least one million operations. The rocker modules have been designed for the typical switching function in ‘off-road’ machinery and other rough environments.

Main Features

- Life greater than 1 million cycles
- Precise tactile feedback of switches
- Protection Class IP65
- DTCs K12 switch technology for high reliability

Custom Modifications

- Output characteristics
- Operating force
- Switch characteristics / functions
- Actuator colour

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Electrical</th>
<th>Variant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switching current max.</td>
<td>Switch 1</td>
</tr>
<tr>
<td></td>
<td>Switch 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mechanical</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Life</td>
<td>&gt; 1 million cycles</td>
</tr>
<tr>
<td>Operating temperature</td>
<td></td>
</tr>
<tr>
<td>- Storage</td>
<td>-40°C to 85°C</td>
</tr>
<tr>
<td>- Working</td>
<td>-35°C to 70°C</td>
</tr>
<tr>
<td>Operating force</td>
<td>5 N</td>
</tr>
<tr>
<td>Vertical load maximum</td>
<td>30 N</td>
</tr>
<tr>
<td>Protection Level</td>
<td>IP 65 (from above when mounted)</td>
</tr>
<tr>
<td>Rocker deflection angle</td>
<td>± 12°</td>
</tr>
</tbody>
</table>
## Pin Assignment

<table>
<thead>
<tr>
<th>PIN</th>
<th>ALLOCATION</th>
<th>FUNCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>X5</td>
<td>S3_J S3 ext</td>
<td>RESERVED</td>
</tr>
<tr>
<td>X4</td>
<td>S3_VCC S3 ext</td>
<td>RESERVED</td>
</tr>
<tr>
<td>X3</td>
<td>S2_OUT</td>
<td>OUTPUT PUSHBUTTON S2</td>
</tr>
<tr>
<td>X2</td>
<td>S1_OUT</td>
<td>OUTPUT PUSHBUTTON S1</td>
</tr>
<tr>
<td>X1</td>
<td>VCC_IN</td>
<td>VOLTAGE SUPPLY</td>
</tr>
</tbody>
</table>

![Diagram of the device with pin assignments and connections](image-url)

**R01**

![Connection diagram for R01](connection-diagram-url)

**R00**

![Connection diagram for R00](connection-diagram-url)
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