### TECHNICAL DATA

<table>
<thead>
<tr>
<th><strong>Product number</strong></th>
<th><strong>1117.0206</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product family</strong></td>
<td>Snap-action switches</td>
</tr>
<tr>
<td><strong>Actuation type</strong></td>
<td>indirect</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>10.000 g</td>
</tr>
<tr>
<td><strong>ROHS conform</strong></td>
<td>yes</td>
</tr>
<tr>
<td><strong>Switching function</strong></td>
<td>Normally closed contact (SPNC)</td>
</tr>
<tr>
<td><strong>Material fixed contact</strong></td>
<td>Ag</td>
</tr>
<tr>
<td><strong>Number of poles</strong></td>
<td>1 - pole</td>
</tr>
<tr>
<td><strong>connections</strong></td>
<td>Quick-connect terminal, 6.3 x 0.8</td>
</tr>
<tr>
<td><strong>Mechanical life endurance</strong></td>
<td>10E4</td>
</tr>
<tr>
<td><strong>Rating IEC</strong></td>
<td>16 (6) A 400 V AC 1E4</td>
</tr>
<tr>
<td><strong>Rating North America</strong></td>
<td>12 A 125 V AC 1/6 HP 12 A 250 V AC 1/2 HP</td>
</tr>
<tr>
<td><strong>Contact resistance (new condition)</strong></td>
<td>&lt; 100 mOhm</td>
</tr>
<tr>
<td><strong>Insulation resistance (new condition)</strong></td>
<td>&gt; 100 (500 V DC) MOhm</td>
</tr>
<tr>
<td><strong>Voltage strength at 250 V</strong></td>
<td>1 500 V function insulation / basic insulation 3 000 V reinforced insulation</td>
</tr>
<tr>
<td><strong>Proof tracking</strong></td>
<td>250 PTI</td>
</tr>
<tr>
<td><strong>Insulation spacing</strong></td>
<td>acc. to EN 61058 for reinforced or double insulation</td>
</tr>
<tr>
<td>Protection type</td>
<td>Connection</td>
</tr>
<tr>
<td>----------------</td>
<td>------------</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>-40 °C ... +85 °C</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-40 °C ... +85 °C</td>
</tr>
<tr>
<td>Flammability</td>
<td>UL 94 V-0</td>
</tr>
<tr>
<td>Glow wire test temperature</td>
<td>850 °C</td>
</tr>
<tr>
<td>Actuators and additional actuators</td>
<td>actuator: PA glass fiber-reinforced, natural</td>
</tr>
<tr>
<td>Housing description</td>
<td>housing: PA glass fiber-reinforced, natural</td>
</tr>
<tr>
<td>Connection surface</td>
<td>bearing connection</td>
</tr>
<tr>
<td>Contact material</td>
<td>Ag</td>
</tr>
<tr>
<td>Contact distance</td>
<td>≥ 3 mm</td>
</tr>
<tr>
<td>Rating Code UL</td>
<td>R 84</td>
</tr>
<tr>
<td>Contact type</td>
<td>jump contact</td>
</tr>
<tr>
<td>Operating force</td>
<td>3.5 ±0.5 N</td>
</tr>
<tr>
<td>Difference travel max.</td>
<td>2.6 mm</td>
</tr>
<tr>
<td>Pretravel max.</td>
<td>3.3 mm</td>
</tr>
<tr>
<td>Overtravel</td>
<td>3.4 mm</td>
</tr>
<tr>
<td>Free position (FP) max.</td>
<td>15.2 mm</td>
</tr>
<tr>
<td>Operating position (OP)</td>
<td>12.4 ±0.5 mm</td>
</tr>
<tr>
<td>Permissible total travel position</td>
<td>8.5 mm</td>
</tr>
<tr>
<td>Approval marks</td>
<td>CSA / UL / ENEC 05</td>
</tr>
<tr>
<td>Suitable for appliances of protection class</td>
<td>II</td>
</tr>
<tr>
<td>EN 60335 cap. 30 conform &quot;G&quot;</td>
<td>yes</td>
</tr>
<tr>
<td>Additional labeling</td>
<td>T.-Nr. 6577900 / site, year, week of manuf.</td>
</tr>
<tr>
<td>Additional labeling packing</td>
<td>5600.003.783 / T.-Nr. 6577900</td>
</tr>
<tr>
<td>----------------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>Degree of pollution</td>
<td>3</td>
</tr>
<tr>
<td>Stock version</td>
<td>●</td>
</tr>
</tbody>
</table>

**PRODUCT IMAGE**

![Product Image](https://www.marquardt-schalter.de/productdetail.php?pid=b4288d&lang=EN)

**DRAWINGS**

![Drawings](https://www.marquardt-schalter.de/productdetail.php?pid=b4288d&lang=EN)

Technical changes reserved. Dimensions are not binding.
Detailed specifications available on request.

Marquardt GmbH · Schloss-Straße 16 · 78604 Rietheim-Weilheim · Germany
Phone: +49 (0) 7424 / 99-0 · Fax: +49 (0) 7424 / 99-2399 · www.marquardt.com · marquardt@marquardt.de

https://www.marquardt-schalter.de/productdetail.php?pid=b4288d&lang=EN