BOLT MOUNT PLUNGER SWITCHES
Model Series 6405 (Potted Wires)

- Mounting Type-Screw or bolt mount
- Easy to design into your application
- Two independent electrical circuits
- Wiping contact prevent carbon buildup and increased life
- RoHS, REACH and Conflict Mineral compliant as noted*

OPERATION
Delta’s plunger switches are used in rugged environments to sense the position of mechanical linkages and controls.

ELECTRICAL SPECIFICATIONS
Cycles: Resistive: 75,000, Inductive: 10,000
Operating Voltage: Range: 12-14V_{DC}
Operating Current: 3 Amps
Operating Temperature Range: -20 °F to 150 °F

ENVIRONMENTAL RATINGS

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingress Protection</td>
<td>IEC IP67</td>
</tr>
<tr>
<td>Salt Fog</td>
<td>ASTM B117. 96 hours</td>
</tr>
<tr>
<td>Chemical Resistance</td>
<td>ASTM Ref C Fuel, Diesel Fuel, Oil, Antifreeze, Freon, Paint, Latex, Gasoline, Gas with 10% ethanol, WD-40, Battery Acid, Ammoniated Glass Cleaner, Kerosene, GOJO®, Fertilizer</td>
</tr>
</tbody>
</table>
AVAILABLE CONFIGURATIONS

<table>
<thead>
<tr>
<th>Product Line</th>
<th>Part Number</th>
<th>Electrical Configuration</th>
<th>Pre-travel</th>
<th>Lead Length</th>
<th>Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plungers - Basic</td>
<td>6405-53PW*</td>
<td>NO/NC</td>
<td>.080-.150</td>
<td>13.0”</td>
<td>Delphi# 12162144</td>
</tr>
<tr>
<td>Plungers - Basic</td>
<td>6405-55PW*</td>
<td>NO/NC</td>
<td>.040-150</td>
<td>13.8”</td>
<td>N/A, Stripped Ends</td>
</tr>
</tbody>
</table>

Note: * Not RoHS, REACH and Conflict Mineral compliant

MOUNTING

Switch housings have two .195 diameter holes spaced .420 apart for bolt or screw mounting

DIMENSIONS

Note: For specific Part information please refer to the Application print.

6405 Series

Note: Life expectancy and switch performance are largely dependent on application. It is the user’s responsibility to determine suitability of this product for the application. This information is intended as a guide for proper application.