PL3 SERIES

DIMENSIONS
PL3-AC-V

General Tolerance: ±0.2mm

HOW TO ORDER

<table>
<thead>
<tr>
<th>Package</th>
<th>C</th>
<th>V</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>T/R= Tape &amp; Reel</td>
<td>C</td>
<td>V</td>
<td>B</td>
</tr>
<tr>
<td>V=Lead Free Solderable</td>
<td>C</td>
<td>V</td>
<td>B</td>
</tr>
<tr>
<td>C=With Click Feel</td>
<td>C</td>
<td>V</td>
<td>B</td>
</tr>
<tr>
<td>Actuator Type</td>
<td>C</td>
<td>V</td>
<td>B</td>
</tr>
<tr>
<td>A=Mounting Knob Integrated</td>
<td>C</td>
<td>V</td>
<td>B</td>
</tr>
<tr>
<td>B=Mounting Knob</td>
<td>C</td>
<td>V</td>
<td>B</td>
</tr>
<tr>
<td>Terminal Positions</td>
<td>C</td>
<td>V</td>
<td>B</td>
</tr>
<tr>
<td>3=3 Throws</td>
<td>C</td>
<td>V</td>
<td>B</td>
</tr>
<tr>
<td>Push &amp; Lever Switch</td>
<td>C</td>
<td>V</td>
<td>B</td>
</tr>
</tbody>
</table>

CIRCUIT DIAGRAM (PUSH BOTTOM)

CODE TABLE

CCW ← 0° → CW

25° (D°)

25° (D°)

25° (D°)
**SPECIFICATION**

**MECHANICAL**
- Operation Force: Center push 200±100gf.
  - Lever(CW,CCW) 70±50gf
- Operation Temperature Range: -10°C to +60°C
- Storage Temperature Range: -30°C to 80°C
- Mechanical Life: 100,000 cycles.

**ELECTRICAL**
- Electrical Life: 100,000 cycles
- Rating: 1mA, 5VDC
- Contact Resistance: 500Ω max.
- Insulation Resistance: 100MΩ min. 100V DC
- Dielectric Strength: 100VAC / 1 minute
- Circuit: Single pole single throw.

**MATERIAL**
- **Cover**: Stainless steel.
- **BASE**: UL940V-0 Nylon High-Temp Thermoplastic.
  - Color: Black
- **STEM**: UL940V-0 Nylon High-Temp Thermoplastic.
  - Color: Black
- **CONTACT**: Phosphor bronze with silver cladding at Contact surface.
- **TERMINAL**: Phosphor bronze with silver cladding at Contact surface.
- **SPRING**: Stainless steel.

**SOLDERING PROCESS**

**HAND SOLDERING**: Use a soldering iron of 30 watts, controlled at 350°C approximately Max 5 seconds while applying.

**Temperature Profile**:

![Temperature Profile Diagram]

**PACKING**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Number Per Reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>PL3-A</td>
<td>900</td>
</tr>
</tbody>
</table>

**PL3-A REEL**

General Tolerance: ±0.1mm