QA4/PBA4
Microswitch Push Button

Momentary

QA4/PBA4

Panel cut-out (mm) 6.1
Characteristics
- for use with V4N/V4NC series
- long overtravel up to 5 mm
- simple clip-on attachment
- round or square bezels
- push button options

Rating 250 VAC, 5 A
Dimensions (mm) 20 × 6.45 × 38.3
Actuator
- stainless steel plunger
- polyamide (PA 6.6) plunger

Approvals UL, CSA

Preferred Range

<table>
<thead>
<tr>
<th>Ordering Reference</th>
<th>Basic switch</th>
<th>Button</th>
<th>Bezel</th>
<th>Sealing kit</th>
<th>Actuator kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>V4NC17</td>
<td>PBRR</td>
<td>BZR</td>
<td>PBSLK</td>
<td>QA4</td>
<td></td>
</tr>
</tbody>
</table>
QA4/PBA4

Specifications

- **Clip-on frame**: Glass fibre reinforced polyamide (PA 6.6)
- **Bezel**: ABS polymer - black (PBA4 only)
- **Cowl**: Synthetic rubber (PBA4 only)
- **“O”-Ring**: Nitrile (PBA4 only)
- **Locknut**: Brass nickel plate
- **Button/Plunger**: ABS polymer (PBA4) Stainless steel (QA4)
- **Basic switches**: V4NC (see pages 52 to 55)
- **Temperature range °C**: -10°C to +85°C
- **Mechanical Life**: 5 × 10⁶ cycles minimum (Mechanism 2 × 10⁶ cycles minimum) (Impact free actuation)
- **Mounting mm (in)**: Single hole Ø 6.4 (0.25) suitable for panels up to 8.0 (0.3) thick
- **Torque max. Nm**: 0.4 to be applied to locknut

Dimensions QA4

- MAX: 24.55
- MAX: 17.65

Dimensions PBA4

- Hexagon nut: 10.0 (0.4) AF

Configuration

- **Basic switch**: V4NC... See pages 52 to 55
  - V4N... See page 56 to 59
### Type coding key for standard products

<table>
<thead>
<tr>
<th>Actuator kit</th>
<th>Description</th>
<th>Example</th>
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</thead>
<tbody>
<tr>
<td>PB</td>
<td>without insert switch, button or bezel</td>
<td>PBA4</td>
</tr>
<tr>
<td>A4</td>
<td>Actuator kit only</td>
<td>PBR RED V4N</td>
</tr>
<tr>
<td>AS4</td>
<td>Sealed actuator kit only</td>
<td></td>
</tr>
</tbody>
</table>

**Accessories**
can be ordered separately using bracketed references

- (PB)R Round Button (complete with bezel)
- (PB)S Square Button (complete with bezel)
- (B)ZR Round Bezel
- (B)ZS Square Bezel
- (PB)SLK Sealing Kit (complete with button & bezel)

**Button Colours**

- RED (R when ordered complete with Insert switch)
- YELLOW (Y when ordered complete with Insert switch)
- GREEN (G when ordered complete with Insert switch)
- BLUE (BU when ordered complete with Insert switch)
- BLACK (B when ordered complete with Insert switch)
- WHITE (W when ordered complete with Insert switch)

**Example reference**

V4NT7PBSR is a V4NT7 (basic switch, p. 59) with PBS (square button complete with bezel) and a RED button

**Special Features**

Additional product variants are available or can be provided. If your requirements cannot be satisfied from the options listed, please contact www.saia-burgess.com or your local SB outlet.
Type coding key for standard products

Actuator kit QA4 without insert switch

Example: QA4 QV4NCT7

With insert switch Q followed by switch reference
V4NC... See pages 52 to 55
V4N... See pages 56 to 59
Example reference: QV4NCT7

Special Features

Saia-Burgess specialise in customer specific solutions. Additional product variants are available or can be provided. If your requirements cannot be satisfied from the options listed, please contact www.saia-burgess.com or your local SB outlet.