### SERIES LA SWITCHES

**PUSHBUTTON SWITCHES - SEALED ILLUMINATED**

#### FEATURES & BENEFITS
- Modular interface/contact block design
- Robust product for industrial applications
- Attractive front panel design
- Illuminated options available

#### APPLICATIONS/MARKETS
- Industrial controls
- Instrumentation
- Transportation
- Telecommunications

#### HOW TO ORDER

<table>
<thead>
<tr>
<th>SERIES LA</th>
<th>TERMINATION</th>
<th>MECHANICAL CONFIGURATION</th>
<th>PUSHBUTTON HEAD</th>
<th>CIRCUIT</th>
<th>LAMP TYPE &amp; VOLTAGE</th>
<th>LAMP COLOR (WHERE APPLICABLE)</th>
<th>LENS COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>S = Solder Lug</td>
<td>EE = Latching</td>
<td>U1 = Ø29mm</td>
<td>0° = Pilot Ind.</td>
<td>0 = None</td>
<td>RED = Red</td>
<td></td>
</tr>
<tr>
<td></td>
<td>K = Socket</td>
<td>OA = Momentary</td>
<td>V1 = Ø25mm</td>
<td>1° = SPDT</td>
<td>A : Incandescent</td>
<td>GRN = Green</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P = Pilot Indicator</td>
<td>PL* = Pilot Indicator</td>
<td>U3* = Ø35mm</td>
<td>2 = DPDT</td>
<td>B : Incandescent</td>
<td>BLU = Blue</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>*For LAP (Pilot Indicator)</td>
<td>V3* = Ø29mm</td>
<td>3 = 3PDT</td>
<td>C : Incandescent</td>
<td>WHT = White</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 = 4PDT</td>
<td></td>
<td>ORG = Orange</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>YEL = Yellow</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

#### LAMP TYPE & VOLTAGE OPTIONS

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Voltage</th>
<th>Current</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Without lamp</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>Incandescent</td>
<td>6 V AC/DC</td>
<td>200 mA</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>Incandescent</td>
<td>14 V AC/DC</td>
<td>80 mA</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>Incandescent</td>
<td>28 V AC/DC</td>
<td>40 mA</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>Incandescent</td>
<td>48 V AC/DC</td>
<td>25 mA</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>Incandescent</td>
<td>60 V AC/DC</td>
<td>20 mA</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>Neon</td>
<td>110 V AC</td>
<td>green/red</td>
<td></td>
</tr>
<tr>
<td>G</td>
<td>Neon</td>
<td>220 V AC</td>
<td>green/red</td>
<td></td>
</tr>
</tbody>
</table>

#### Specifications

- **Contact Rating:**
  - 5A @ 250 VAC
  - 8A @ 125 VAC
  - 2A @ 250 VDC
  - 6A @ 24 VDC

- **Life Expectancy (Mechanical):** ≥ 100,000 cycles
- **Life Expectancy (Electrical):** ≥ 50,000 cycles
- **Contact Resistance:** 100mΩ max. typical; initial @ 2-4 VDC
- **Insulation Resistance:** > 1,000MΩ
- **Dielectric Strength:** > 1,500 volts 1 minute
- **Actuation Force:** 300g / pole
- **Operating Temperature:** -20°C to 55°C
- **Degree of Protection:** IP65

### MATERIALS

- **Switch Housing:** Polytetramide (PEI)
- **Contact Housing:** Diallyl Phthalate (DAP)
- **Actuator Ring:** Polycarbonate (PC)
- **Lens:** Polycarbonate (PC)
- **Contacts:** Silver plated copper alloy
- **Terminals:** Silver plated copper alloy

#### Example Ordering Number

**LA_S_ EE_ U1_ 1_0_ RED**

Specifications subject to change without notice 4.9.19

www.e-switch.com  info@e-switch.com
SERIES LA SWITCHES
PUSHBUTTON SWITCHES - SEALED ILLUMINATED
TERMINATION & PUSHBUTTON HEAD OPTIONS

LAS
SOLDER LUG

U1 Ø29mm

V1 Ø25mm

U3

V3

BOTTOM VIEW

<table>
<thead>
<tr>
<th>Mounting Length (A)</th>
<th>SPDT</th>
<th>DPDT</th>
<th>3PDT</th>
<th>4PDT</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.0 mm</td>
<td>36.5 mm</td>
<td>44.0 mm</td>
<td>51.5 mm</td>
<td></td>
</tr>
</tbody>
</table>
TERMINATION & PUSHBUTTON HEAD OPTIONS

LAK

SOCKET

**U1** Ø29mm

![U1 Ø29mm Pushbutton](image1.png)

**V1** Ø25mm

![V1 Ø25mm Pushbutton](image2.png)

**U3**

![U3 Pushbutton](image3.png)

**V3**

![V3 Pushbutton](image4.png)

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TERMINATION & PUSHBUTTON HEAD OPTIONS

LAP

PILOT INDICATOR

U1 Ø29mm

V1 Ø25mm

U3

V3

MECHANICAL CONFIGURATION & CIRCUIT OPTIONS

0  PILOT INDICATOR

Available LAS Pilot Indicator

1  SPDT

Available for LAK Socket Type and LAS Solder Lug

2  DPDT

Available for LAS Solder Lug

3  3PDT

Available for LAS Solder Lug

4  4PDT

Available for LAS Solder Lug

Mechanical Configuration Code

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE</td>
<td>Latching</td>
</tr>
<tr>
<td>DA</td>
<td>Momentary</td>
</tr>
<tr>
<td>PL</td>
<td>Pilot Indicator</td>
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</tbody>
</table>