SERIES LS SWITCHES
SNAP ACTION SWITCHES

SPECIFICATIONS
Contact Rating: Gold .4VA max. @ 20 VDC or VAC Max.
15 Amps @ 125/250 VAC-UL, CUL, VDE
Life Expectancy: 10,000 VAC-UL, CUL / 50,000 VDE cycles typical
Mechanical Life: 1,000,000 cycles typical
Insulation Resistance: 100 MΩ min.
Dielectric Strength: 1,500 VAC for 60 seconds
Operating Temperature: -25° C to 85° C (std)
Operating Force: See Chart

MATERIALS
Switch Housing: High Temperature PBT (UL94 V0)
Actuator Button: High Temperature PBT (UL94 V0)
Contacts: Silver (std) or Gold
Terminals: Copper Alloy

FEATURES & BENEFITS
- Available in gold & 15amp versions
- Wide variety of actuator, operating force & termination options

APPLICATIONS/MARKETS
- Appliance
- Timing controls
- Vending machines
- Gaming
- Industrial controls
- Power tools

HOW TO ORDER

<table>
<thead>
<tr>
<th>SERIES LS</th>
<th>OPERATING TEMP.</th>
<th>CURRENT RATING</th>
<th>ACTUATOR</th>
<th>OPERATING FORCE</th>
<th>TERMINATION</th>
<th>CIRCUIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS-085</td>
<td>085 = 85°C</td>
<td>R1 = Gold .4VA</td>
<td>See Chart</td>
<td>See Chart</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15 = 15A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Example Ordering Number
LS-085-15-03-F040-C2-A

Specifications subject to change without notice 1.27.20
SERIES LS SWITCHES
SNAP ACTION SWITCHES

ACTUATOR OPTIONS

<table>
<thead>
<tr>
<th>Actuator</th>
<th>Actuation/Return Force</th>
<th>Pre-Travel</th>
<th>Operating Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>100+/30 / 160+/40</td>
<td>250+/50</td>
<td>2.0 max 14.7+/0.5</td>
</tr>
<tr>
<td>01</td>
<td>100+/30 / 160+/40</td>
<td>250+/50</td>
<td>2.0 max 15.3+/0.5</td>
</tr>
<tr>
<td>02</td>
<td>45+/20 / 75+/25</td>
<td>120+/40</td>
<td>4.1 max 15.5+/1.0</td>
</tr>
<tr>
<td>03</td>
<td>25+/15 / 40+/-15</td>
<td>60+/25</td>
<td>8.5 max 15.3+/2.0</td>
</tr>
<tr>
<td>04</td>
<td>50+/30 / 160+/40</td>
<td>140+/40</td>
<td>5.2 max 19.0+/1.5</td>
</tr>
<tr>
<td>05</td>
<td>100+/30 / 160+/40</td>
<td>250+/50</td>
<td>2.7 max 20.7+/0.8</td>
</tr>
<tr>
<td>06</td>
<td>45+/15 / 75+/25</td>
<td>120+/40</td>
<td>5.5 max 20.7+/1.5</td>
</tr>
</tbody>
</table>

PT= Pretravel  OP= Operating Point  OT= Over Travel
TERMINATION OPTIONS

S1  SOLDER LUG

C1  0.187" QUICK CONNECT

V1  RIGHT ANGLE PCB PIN

C2  0.250" QUICK CONNECT

---

TERMINATION OPTIONS

SOLDER LUG

0.187" QUICK CONNECT

RIGHT ANGLE PCB PIN

0.250" QUICK CONNECT

---

www.e-switch.com  info@e-switch.com