SERIES 800 SWITCHES
PUSHBUTTON SWITCHES - SUB-MINIATURE

FEATURES & BENEFITS
- Subminiature design
- Butt contact design
- Snap-in panel mount option

APPLICATIONS/MARKETS
- Telecommunications
- Networking
- Computers/servers
- Performance audio
- Instrumentation
- Low power on/off designs
- External hard drives and modems

SPECIFICATIONS
- Contact Rating: 1A @ 250 VAC
  3A @ 120 VAC or 28 VDC
- Life Expectancy: 50,000 cycles typical
- Contact Resistance: 10mΩ max. typical @ 2-4 VDC
  100mA for both silver and gold plated contacts
- Insulation Resistance: 1,000MΩ min.
- Dielectric Strength: 1,000 V rms @ sea level
- Actuation Force: 200 ± 50 gf
- Operating Temperature: -30°C to +85°C

MATERIALS
- Case: DAP
- Plunger: Glass filled nylon or glass filled polyester
- Bushing: Nickel plated brass
- Housing: Stainless steel
- Contacts: Silver or Gold plated copper alloy

HOW TO ORDER

Example Ordering Number
800-SP9-B5-M1-Q-E-H

*Note: C2 cap not available on B8 or B9 bushing.

Specifications subject to change without notice.

BUSHING OPTIONS

B5 THD
B6 NON-THD
B7 NON-THD
B8 NON-THD
B9 THD
B10 NON-THD

Phone: 800-867-2717
Fax: 763-531-8235
**M1**

**SPST**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP-9</td>
<td>OFF</td>
</tr>
</tbody>
</table>

\( (\quad) \) = Momentary

**M1**

**SPDT**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP-8</td>
<td>ON</td>
</tr>
</tbody>
</table>

**Term. Comm.** 2-1 2-3

\( (\quad) \) = Momentary

**M2**

**SPST**

**M2**

**SPDT**

\[ \text{Schematic} \]

\[ \text{P.C. Mounting} \]
SERIES 800 SWITCHES
PUSHBUTTON SWITCHES - SUB-MINIATURE

M6
SPST

M6
SPDT

M61

Phone: 800-867-2717
Fax: 763-531-8235
SERIES 800 SWITCHES
PUSHBUTTON SWITCHES - SUB-MINIATURE PANEL MOUNT

HOW TO ORDER

<table>
<thead>
<tr>
<th>SERIES</th>
<th>MODEL NO.</th>
<th>TERMINATION</th>
<th>CONTACT MATERIAL</th>
<th>SEAL</th>
<th>CAP</th>
<th>CAP COLOR</th>
<th>FRAME COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>800</td>
<td>SP9, DP8</td>
<td>M1</td>
<td>Q = Silver</td>
<td>E = Epoxy Sealed at Base of Terminal</td>
<td>OP1</td>
<td>BLK</td>
<td>BLK</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R = Gold</td>
<td></td>
<td></td>
<td>RED = Red</td>
<td>WHT = White</td>
</tr>
</tbody>
</table>

Example Ordering Number
800-SP9-M1-Q-E-OP1-BLK-BLK

Specifications subject to change without notice.

OP1
PANEL MOUNT

CONTACT MATERIAL OPTIONS

<table>
<thead>
<tr>
<th>Q</th>
<th>Fixed Terminal: Silver plated copper alloy</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Moving Contact: Silver plated copper alloy</td>
</tr>
<tr>
<td></td>
<td>Rating: 3 AMPS @ 120 VAC, 1 AMP @ 250VAC</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th>Fixed Terminal: Copper alloy with gold plate over nickel plate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Moving Contact: Copper alloy with gold plate over nickel plate</td>
</tr>
<tr>
<td></td>
<td>Rating: 0.4 VA max. @ 20 VAC or DC max.</td>
</tr>
</tbody>
</table>