SERIES 700 SWITCHES
PUSHBUTTON SWITCHES - SNAP-ACTING

FEATURES & BENEFITS
- Snap acting contact design
- Gold & silver contact options
- Multiple termination options
- 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 Ratings: 1A @ 250 VAC
  3A @ 120 VAC or 28 VDC
- Life Expectancy: 50,000 cycles typical
- Contact Resistance: 20mΩ max. typical @ 2-4 VDC
  100mA for both silver and gold plated contacts
- Insulation Resistance: 1,000 MΩ min.
- Dielectric Strength: 1,000 V RMS @ sea level
- Actuation Force: 200 ± 50 gf
- Operating Temperature: -30°C to +85°C
- Travel: 1.20mm Typ

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

HOW TO ORDER

<table>
<thead>
<tr>
<th>SERIES 700</th>
<th>MODEL NO.</th>
<th>BUSHING</th>
<th>TERMINATION</th>
<th>CONTACT MATERIAL</th>
<th>SEAL</th>
<th>HARDWARE</th>
<th>CAP</th>
<th>CAP COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP7</td>
<td>B10</td>
<td>M1</td>
<td>Q = Silver</td>
<td>E = Epoxy</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DP7</td>
<td>B11</td>
<td>M2</td>
<td>R = Gold</td>
<td>Sealed at Base of Terminal</td>
<td>H = Hardware</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>B20</td>
<td>M3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>B21</td>
<td>M4</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

Example Ordering Number
700-SP7-ON-(ON)-1-3-1-2-

Specifications subject to change without notice.

SPDT

Model No. Type

<table>
<thead>
<tr>
<th>Model No.</th>
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<tr>
<td>SP-7</td>
<td>ON</td>
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<tr>
<td>Term. Comm 1-3</td>
<td>1-2</td>
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( ) = Momentary

P.C. MOUNTING

3 2 1

SCHEMATIC
**DPDT**

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Term. Comm. 1-3, 4-6 1-2, 4-5
| | Momentary |

**BUSHING OPTIONS FOR P.C. MOUNTING**

**KEYWAY**
- B10 THD STD
- B20 NON-THD

**FLAT**
- B11 THD STD
- B21 NON-THD

**TERMINATION OPTIONS**

**M1**
- SOUDER LUG

**M2**
- P.C. MOUNT

**M5**
- WIRE WRAP

**Option Code**

<table>
<thead>
<tr>
<th>Option Code</th>
<th>Dim. 'A'</th>
</tr>
</thead>
<tbody>
<tr>
<td>M51</td>
<td>.750 (19.05)</td>
</tr>
<tr>
<td>M52</td>
<td>.964 (24.48)</td>
</tr>
<tr>
<td>M53</td>
<td>.425 (10.80)</td>
</tr>
</tbody>
</table>

\[ .030 \text{ THK (0.76)} \]

ftp://www.e-switch.com
info@e-switch.com
SERIES 700 SWITCHES
PUSHBUTTON SWITCHES - SNAP-ACTING

M6
SPDT

M6
DPDT

M7
SPDT

M7
DPDT

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

TACT SWITCHES
NAVIGATION SWITCHES
PUSHBUTTON SWITCHES
TOGGLE SWITCHES
ROCKER SWITCHES
SLIDE SWITCHES
SNAP-ACTION SWITCHES
DIP SWITCHES
KEYLOCK SWITCHES
ROTARY SWITCHES
DETECTOR SWITCHES
CAP OPTIONS
**VS2 or VS3**

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<tr>
<td>VS2</td>
<td>.460 (11.68)</td>
</tr>
<tr>
<td>VS3</td>
<td>.630 (16.00)</td>
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</table>

### VS2 or VS3

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<td>.460 (11.68)</td>
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### VS4 or VS5

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<tr>
<td>VS4</td>
<td>.460 (11.68)</td>
</tr>
<tr>
<td>VS5</td>
<td>.630 (16.00)</td>
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### VS4 or VS5

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