SERIES 200A SWITCHES
TOGGLE SWITCHES - SUB-MINIATURE

SPECIFICATIONS
Contact Rating: Dependent on contact material
Life Expectancy: 50,000 make-and-break cycles at full load
Contact Resistance: Below 20 m typ. initial @ 2-4 VDC,
100 mA, for both silver and gold plated contacts
Insulation Resistance: 1,000 M 1min.
Dielectric Strength: 1,000 V RMS min. @ sea level
Operating Temperature: -30° C to 85° C
Seal Rated: IP67

MATERIALS
Case & Bushing: Glass filled nylon, flame retardant, heat stabilized
(UL 94-V0)
Actuator: Brass, chrome plated, internal O-ring seal
standard for all actuators
Switch Support: Brass, tin plated
Contacts / Terminals: Silver or gold plated copper alloy
Terminal Seal: Epoxy

FEATURES & BENEFITS
- Variety of switching functions
- Sub-miniature
- Multiple actuator & bushing options
- Sealed to IP67

APPLICATIONS/MARKETS
- Telecommunications
- Instrumentation
- Networking
- Medical equipment

HOW TO ORDER

<table>
<thead>
<tr>
<th>SERIES</th>
<th>MODEL NO.</th>
<th>ACTUATOR</th>
<th>BUSHING</th>
<th>TERMINATION</th>
<th>CONTACT MATERIAL</th>
<th>SEAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>200A</td>
<td>WMSP1</td>
<td>T1</td>
<td>A1</td>
<td>M2</td>
<td>Q = Silver</td>
<td>E</td>
</tr>
<tr>
<td></td>
<td>WMSP2</td>
<td>T1</td>
<td>A1</td>
<td>M6</td>
<td>R = Gold</td>
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<tr>
<td></td>
<td>WMSP3</td>
<td>T1</td>
<td>A1</td>
<td>M61</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>WMSP4</td>
<td>T1</td>
<td>A1</td>
<td>M7</td>
<td></td>
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<tr>
<td></td>
<td>WMSP5</td>
<td>T1</td>
<td>A1</td>
<td>VS2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>WMSP6*</td>
<td>T1</td>
<td>A1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>WMSP1</td>
<td>T2</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
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<td>WMSP2</td>
<td>T2</td>
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<tr>
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<td></td>
<td>WMSP5</td>
<td>T2</td>
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</tbody>
</table>

Example Ordering Number

*Only available with M2 or VS2 termination

SPECIFICATIONS subject to change without notice.

SPDT

<table>
<thead>
<tr>
<th>Model No</th>
<th>POS 1</th>
<th>POS 2</th>
<th>POS 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>WMSP-1</td>
<td>ON</td>
<td>NONE</td>
<td>ON</td>
</tr>
<tr>
<td>WMSP-2</td>
<td>ON</td>
<td>NONE</td>
<td>(ON)</td>
</tr>
<tr>
<td>WMSP-3</td>
<td>ON</td>
<td>OFF</td>
<td>(ON)</td>
</tr>
<tr>
<td>WMSP-4</td>
<td>(ON)</td>
<td>OFF</td>
<td>(ON)</td>
</tr>
<tr>
<td>WMSP-5</td>
<td>ON</td>
<td>OFF</td>
<td>(ON)</td>
</tr>
<tr>
<td>Term. Comm.</td>
<td>2 - 3</td>
<td>OPEN</td>
<td>2 - 1</td>
</tr>
<tr>
<td>WMSP-6</td>
<td>OFF</td>
<td>NONE</td>
<td>ON</td>
</tr>
<tr>
<td>Term. Comm.</td>
<td>OPEN</td>
<td>NONE</td>
<td>3-1</td>
</tr>
</tbody>
</table>

( ) = Momentary
DPDT

Model No. | POS 1 | POS 2 | POS 3
---|---|---|---
WMOP-1 | ON | NONE | ON
WMOP-2 | ON | NONE | (ON)
WMOP-3 | ON | OFF | ON

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

(1) = Momentary

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

www.e-switch.com info@e-switch.com
SERIES 200A SWITCHES
TOGGLE SWITCHES - SUB-MINIATURE

M6
SPDT

M6
DPDT

M61
SPDT
SNAP-IN BRACKET

M7
SPDT
CONTACT MATERIAL OPTIONS

**Q**
- Fixed Terminal: Silver plated copper alloy
- Moving Contact: Silver plated copper alloy
- Rating: 3 Amps @ 120VAC or 28VDC; 1 Amp @ 250VAC

**R**
- Fixed Terminal: Copper alloy with gold plate over nickel plate
- Moving Contact: Copper alloy with gold plate over nickel plate
- Rating: 0.4 Volt-Amperes (VA) max. @ 20V max. (AC or DC)