SERIES MS SWITCHES
SNAP ACTION SWITCHES - MINIATURE

SPECIFICATIONS
Contact Rating: Gold .4VA max. @20 VDC or Vac Max. 5 Amps @ 125/250VAC-UL, CUL 5 (1) Amp, 250 VAC-VDE
Life Expectancy: 50,000 cycles minimum
Mechanical Life: 1,000,000 cycles typical
Insulation Resistance: 100 MΩ min.
Dielectric Strength: 1,000 VAC for 60 seconds
Operating Temperature: -25°C to 85°C (act)
Operating Force: See Chart

MATERIALS
Switch Housing: High Temperature PBT (UL94 V-0)
Actuator Button: High Temperature PBT (UL94 V-0)
Contacts: Silver (std) or Gold
Terminals: Copper Alloy

FEATURES & BENEFITS
- Available in gold & 5 amp 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</th>
<th>OPERATING TEMP.</th>
<th>CURRENT RATING</th>
<th>ACTUATOR</th>
<th>OPERATING FORCE</th>
<th>TERMINATION</th>
<th>CIRCUIT</th>
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<tbody>
<tr>
<td>MS</td>
<td>085 = 8C</td>
<td>R1 = Gold</td>
<td>See Chart</td>
<td>See Chart</td>
<td>S1 = Solder Lug</td>
<td>A = SPDT</td>
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<tr>
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<td>05 = 5A</td>
<td></td>
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<td>C = SPST NO</td>
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Example Ordering Number:
MS-085-R1-00-F130-S1-A

Specifications subject to change without notice.
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<th>60+/25</th>
<th>80+/25</th>
<th>95+/30</th>
<th>115+/40</th>
<th>130+/40</th>
<th>150+/40</th>
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<th>190+/45</th>
<th>250+/50</th>
<th>295+/55</th>
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ACTUATOR AND OPERATING FORCE CHART

PT= Pretravel  OP= Operating Point  OT= Over Travel
SERIES MS SWITCHES
SNAP ACTION SWITCHES - MINIATURE

TERMINATION OPTIONS

**S1** SOLDER LUG

**V1** RIGHT ANGLE PCB PIN

**C1** 0.110" QUICK CONNECT

**V2** LEFT ANGLE PCB PIN

**P1** PCB TERMINALS