H Series
4 & 6 Tumbler Power Switchlocks

Features/Benefits
• Positive detent
• Multi-pole and multi-position
• Snap-together assembly
• Power switching

Typical Applications
• Machine controls
• Elevators

Models Available

Specifications
CONTACT RATING: Q contact material: 12 AMPS @ 125 V AC; 6 AMPS @ 250 V AC; 1 AMP @ 125 V DC (UL/CSA). See page L-37 for additional ratings.
ELECTRICAL LIFE: 10,000 make-and-break cycles at full load.
CONTACT RESISTANCE: Below 10 mΩ typ. initial @ 2-4 V DC, 100 mA, for both silver and gold plated contacts.
INSULATION RESISTANCE: 10^9 Ω min.
DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.
OPERATING TEMPERATURE: -30ºC to 85ºC.
INDEXING: 45º or 90º, 2-4 Positions.

NOTE: Any models supplied with Q or B contact material are RoHS compliant.
NOTE: Specifications and materials listed above are for switchlocks with standard options. For information on specific and custom switchlocks, consult Customer Service Center.

Materials
LOCK: Zinc alloy with stainless steel facing (4 tumbler locks and 6 tumbler tubular lock).
KEYS: Two nickel plated brass keys with code number (4 tumbler).
Two die cast chrome plated zinc alloy keys (6 tumbler).
SWITCH HOUSING: 6/6 nylon (UL 94V-2).
CONTACTS & TERMINALS: Q contact material: Copper, silver plated.
See page L-37 for additional contact materials.
CONTACT SPRING: Music wire or stainless steel.
MOUNTING NUT: Zinc alloy.
MOUNTING CLIP: Steel, zinc plated.
DRESS NUT: Brass, nickel plated.
TERMINAL SEAL: Epoxy.

Build-A-Switch
To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages L-35 through L-38. For additional options not shown in catalog, consult Customer Service Center.

Switch and Lock Function
H10113  SP, 90º Index, keypull pos.1
H2011U  DP, 90º Index, keypull pos. 1 & 2
H100AA  SP, 45º Index, keypull pos. 1, 2 & 3
H200AA  DP, 45º Index, keypull pos. 1, 2 & 3
H20113  DP, 90º Index, keypull pos. 1
H1011U  SP, 90º Index, keypull pos.1 & 2
H1417U  SP, 90º Index, keypull pos. 1, 2 & 3

Keying
2 Two nickel plated brass keys (4 tumbler) or two die cast zinc alloy keys with chrome plating (6 tumbler)
T One nickel plated brass key with plastic insert molded square head and one nickel plated brass key

Lock Type
F 4 Tumbler lock with detent
V 6 Tumbler tubular lock

Lock Finish
2 Stainless steel facing
8 Gloss black facing

Terminations
05 Quick connect
WC Wire lead

Mounting/Lock Style
N With nut
D With clip

Contact Material
Q Silver
B Gold

Key Color
NONE Nickel plated brass (4 tumbler)
or chrome plated zinc alloy (6 tumbler)
2 Black

Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

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### H Series

#### 4 & 6 Tumbler Power Switchlocks

<table>
<thead>
<tr>
<th>NO. TUMBLERS</th>
<th>NO. POLES</th>
<th>MODEL NO.</th>
<th>CONNECTED TERMINALS</th>
<th>KEY PULL POSITIONS</th>
<th>LOCK CONFIGURATION</th>
<th>INDEXING</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>SP</td>
<td>H100AA</td>
<td>POS. 1: 7-8, 7-8, 3-4</td>
<td>Positions 1, 2 &amp; 3</td>
<td>Positions 1, 2 &amp; 3</td>
<td>45º</td>
</tr>
<tr>
<td></td>
<td></td>
<td>H200AA</td>
<td>POS. 2: 8-1, 8-1, 4-6</td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>POS. 3: 6-7, 6-7, 2-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 &amp; 6</td>
<td>SP</td>
<td>H10113</td>
<td>POS. 1: 7-8, 7-8, 3-4</td>
<td>Positions 1</td>
<td>Positions 1</td>
<td>90º</td>
</tr>
<tr>
<td></td>
<td></td>
<td>H20113</td>
<td>POS. 2: 8-2, 8-2, 4-6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>POS. 3: Positions 1 &amp; 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 &amp; 6</td>
<td>SP</td>
<td>H1011U</td>
<td>POS. 1: 7-8, 7-8, 3-4</td>
<td>Positions 1, 2 &amp; 3</td>
<td>Positions 1, 2 &amp; 3</td>
<td>45º</td>
</tr>
<tr>
<td></td>
<td></td>
<td>H2011U</td>
<td>POS. 2: 8-2, 8-2, 4-6</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>POS. 3: Positions 1, 2 &amp; 3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SP</td>
<td>H1417U</td>
<td>POS. 1: 6-8</td>
<td>Positions 1, 2 &amp; 3</td>
<td>Positions 1, 2 &amp; 3</td>
<td>90º</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>POS. 2: 8-2</td>
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<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>POS. 3: 5-6</td>
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</tbody>
</table>

All models with all options when ordered with ‘G’ or ‘Q’ contact material.

#### TERMINAL NUMBERS

- Detent Positions (45º or 90º)
- Key pull possible in these positions.
- Stop Positions

Terminal numbers molded on housing.

### 4 Tumbler

Part number shown: H101132F205NQ

### 6 Tumbler

Part number shown: H1011U2V205NQ

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**Dimensions are shown: Inch (mm)**

Specifications and dimensions subject to change.

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**H Series**

**4 & 6 Tumbler Power Switchlocks**

<table>
<thead>
<tr>
<th>LOCK TYPE</th>
<th>Dimensions are shown: Inch (mm)</th>
</tr>
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<tbody>
<tr>
<td><strong>F</strong> 4 TUMBLER LOCK WITH ADDED DETENT</td>
<td></td>
</tr>
<tr>
<td><strong>V</strong> 6 TUMBLER TUBULAR LOCK</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOCK FINISH</th>
<th>Dimensions are shown: Inch (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2</strong> STAINLESS STEEL FACING</td>
<td></td>
</tr>
<tr>
<td><strong>8</strong> GLOSS BLACK FACING</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TERMINATIONS</th>
<th>Dimensions are shown: Inch (mm)</th>
<th>Specifications and dimensions subject to change</th>
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</thead>
<tbody>
<tr>
<td><strong>05 .110&quot; QUICK CONNECT</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>WC WIRE LEAD</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Key head shape subject to change without notice.

**NOTE:** Key part number: 115140126

**NOTE:** Key part number: 11599112602

**NOTE:** Key part number: 363C1AAAA

**Specifications and dimensions subject to change**

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H Series

4 & 6 Tumbler Power Switchlocks

Switch and Lock Assembly Instructions

1. Place lock assembly in mounting hole on panel, secure with mounting nut.
2. Align keying tab on switch assembly with keying slot on lock assembly.
3. Snap assemblies together.
4. Switch installation is permanent. Switch cannot be removed from lock after assembly. Attempting to separate switch and lock may cause damage to switchlock.

CONTACT MATERIAL

<table>
<thead>
<tr>
<th>OPTION CODE</th>
<th>RoHS Compliant</th>
<th>RoHS Compatible</th>
<th>CONTACT AND TERMINAL MATERIAL</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q</td>
<td>YES</td>
<td>YES</td>
<td>SILVER ²</td>
<td>POWER</td>
</tr>
<tr>
<td>B</td>
<td>YES</td>
<td>YES</td>
<td>GOLD ¹</td>
<td>LOW LEVEL/DRY CIRCUIT</td>
</tr>
</tbody>
</table>

¹ CONTACTS & TERMINALS: Copper, with gold plate over nickel plate.
² CONTACTS & TERMINALS: Copper, silver plated.

* Note: See Technical Data section of this catalog for RoHS compliant and compatible definition and specifications.

All models C & K with all options when ordered with ‘Q’ contact material.
H Series
4 & 6 Tumbler Power Switchlocks

**AVAILABLE HARDWARE**

Key Code: A126
4 TUMBLER
PART NO. (ONE KEY)
115140126
Material: Brass
Finish: Nickel plate

Key Code: AAAAA
PART NO. (ONE KEY)
363C1AAAAA
Material: Zinc Alloy
Finish: Chrome plate

Key Code: A126
4 TUMBLER
PART NO. (ONE KEY)
1159112602 BLACK
Material: Brass
Finish: Nickel plate
6/6 Nylon insert molded head