**Features/Benefits**
- Anti-static switch—exceeds 20 KV DC static resistance
- Momentary models available
- Wire leads and harnesses available

**Typical Applications**
- Point-of-sale terminals
- Cash registers
- Computers

---

**Specifications**

**CONTACT RATING:** Q contact material: 4 AMPS @ 125 V AC or 28 V DC; 2 AMPS @ 250 V AC (UL/CSA). See page M-9 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.

**INDEXING:** 45º or 90º, 2-4 positions (4 & 5 tumbler switchlocks).

45º, 3 positions; or 90º, 2 positions (6 tumbler tubular switchlocks).

Other functions available, consult Customer Service Center.

**STATIC RESISTANCE:** Anti-static models exceed 20 KV DC static resistance @ sea level, lock body to terminals.

**MOUNTING TORQUE:** 10 in./lbs.; 14 in./lbs max.

---

**Materials**

**LOCK:** Zinc alloy with stainless steel facing, std. (4 & 5 tumbler lock and 6 tumbler tubular lock).

**KEYS:** Two nickel plated brass keys, with code number, std. (4 and 5 tumbler lock). Two die cast chrome plated zinc alloy keys, std. (6 tumbler lock).

**SWITCH HOUSING:** Glass filled polyester (UL 94V-0).

**CONTACTS AND TERMINALS:** Q contact material: Copper, silver plated. See page L-9 for additional contact materials.

**MOUNTING NUT:** Zinc alloy.

**MOUNTING CLIP:** Steel, zinc plated.

**DRESS NUT:** Brass, nickel plated.

**TERMINAL SEAL:** Epoxy.

**NOTE:** Materials listed above are for switchlocks with standard options. For information on specific and custom switchlocks, consult Customer Service Center.

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**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-4 through L-10. For additional options not shown in catalog, consult Customer Service Center.

---

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

Specifications and dimensions subject to change
## Y Series
4, 5 & 6 Tumbler Switchlocks

### SWITCH AND LOCK FUNCTION

#### SINGLE & DOUBLE POLE SWITCHES

<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, 5 &amp; 6</td>
<td>SP</td>
<td>Y10013</td>
<td>POS. 1: 8-1, POS. 2: 1-2, POS. 3: 2-3</td>
<td>Position 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4, 5 &amp; 6</td>
<td>SP</td>
<td>POS. 1: 8-1, POS. 2: 1-2, POS. 3: 2-3, POS. 4: 2-3, 6-7</td>
<td>Positions 1 &amp; 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 &amp; 5</td>
<td>SP</td>
<td>POS. 1: 8-1, POS. 2: 1-2, POS. 3: 2-3, POS. 4: 2-3, 6-7</td>
<td>Positions 1 &amp; 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>SP</td>
<td>POS. 1: 8-1, POS. 2: 1-2, POS. 3: 2-3, POS. 4: 2-3, 6-7</td>
<td>Positions 1, 2 &amp; 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>DP</td>
<td>POS. 1: 8-1, POS. 2: 1-2, POS. 3: 2-3, POS. 4: 2-3, 6-7</td>
<td>Positions 1, 2, 3 &amp; 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4, 5 &amp; 6</td>
<td>SP</td>
<td>POS. 1: 8-1, POS. 2: 1-2, POS. 3: 2-3, POS. 4: 2-3, 6-7</td>
<td>Positions 1 &amp; 2 &amp; 3 &amp; 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4, 5 &amp; 6</td>
<td>DP</td>
<td>POS. 1: 8-1, POS. 2: 1-2, POS. 3: 2-3, POS. 4: 2-3, 6-7</td>
<td>Positions 1 &amp; 2 &amp; 3 &amp; 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>DP</td>
<td>POS. 1: 8-1, POS. 2: 1-2, POS. 3: 2-3, POS. 4: 2-3, 6-7</td>
<td>Positions 1 &amp; 2 &amp; 3 &amp; 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>DP</td>
<td>POS. 1: 8-1, POS. 2: 1-2, POS. 3: 2-3, POS. 4: 2-3, 6-7</td>
<td>Positions 1 &amp; 2 &amp; 3 &amp; 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>DP</td>
<td>POS. 1: 8-1, POS. 2: 1-2, POS. 3: 2-3, POS. 4: 2-3, 6-7</td>
<td>Positions 1 &amp; 2 &amp; 3 &amp; 4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### SINGLE & DOUBLE POLE MOMENTARY SWITCHES

<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>
</table>

#### LEGEND
- ▲ = Momentary Positions (45º)
- ● = Detent Positions (45º or 90º)
- ○ = Key pull possible in these positions.
- ▼ △ = Stop Positions

#### TERMINAL NUMBERS
- Terminal numbers molded on bottom of housing.
- All models with all options when ordered with “G” or “Q” contact material.

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

L-4

www.ck-components.com
## Y Series

### 4, 5 & 6 Tumbler Switchlocks

### SWITCH AND LOCK FUNCTION

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

**Specifications and dimensions subject to change**

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---

### SINGLE POLE SWITCHES WITH COMMON

<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></td>
<td></td>
<td></td>
<td>POS. 1   POS. 2   POS. 3   POS. 4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SP</td>
<td>Y19073</td>
<td>C-1   C-2   C-4</td>
<td>Position 1</td>
<td>POS. 1 3</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Y1907U</td>
<td></td>
<td>Positions 1, 2 &amp; 3</td>
<td>POS. 1 3</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Y1900S</td>
<td>C-1   C-2   C-3   C-4</td>
<td>Positions 1, 3 &amp; 4</td>
<td>POS. 1 4 3</td>
<td>2 3</td>
</tr>
</tbody>
</table>

**NOTE:**
- Detent Positions (45° or 90°)
- Key pull possible in these positions.
- Stop Positions

---

### 4 & 5 Tumbler

Part number shown: Y100132C203NQ

### 6 Tumbler

Part number shown: Y1011U2V203NQ

---

**TERMINAL NUMBERS**

Terminal numbers marked on insulator.

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

**NOTE:** Epoxy seal not available. Removable dress nut not available with any Y180XX models.
Y Series
4, 5 & 6 Tumbler Switchlocks

SWITCH AND LOCK FUNCTION

AVAILABLE OPTION COMBINATIONS

<table>
<thead>
<tr>
<th>MODELS</th>
<th>LOCK TYPES</th>
<th>TERMINATIONS</th>
<th>MOUNTING/LOCK STYLES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>YX0013</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>YX001U</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>YX0082</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>YX00AX</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>YX0113</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>YX011C</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>YX011U</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Y141XX</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>YX0812</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Y190XX</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

NOTE: All orders keyed alike, standard. For more than one key code, master keying, replacement keys, or other special features, consult Customer Service Center.

KEYING

<table>
<thead>
<tr>
<th>OPTION CODE</th>
<th>KEYING OPTIONS</th>
<th>CODE NO. ON KEY</th>
<th>CODE NO. ON LOCK</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2 NICKEL PLATED BRASS KEYS (4 &amp; 5 TUMBLER) or 2 DIE CAST CHROME PLATED ZINC ALLOY KEYS (6 TUMBLER)</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>6</td>
<td>2 NICKEL PLATED BRASS KEYS, 4 &amp; 5 TUMBLER ONLY</td>
<td>YES</td>
<td>YES</td>
</tr>
</tbody>
</table>

NOTE: Keys are available separately, see page L-10. Key head shape subject to change without notice.

LOCK TYPE

C 4 TUMBLER LOCK WITH DETENT
B 5 TUMBLER LOCK
V 6 TUMBLER TUBULAR LOCK
A 4 TUMBLER LOCK (MOMENTARY MODELS ONLY)

Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change
Y Series
4, 5 & 6 Tumbler Switchlocks

LOCK TYPE

SHORT ANTI-STATIC LOCK TYPES

R 4 TUMBLER LOCK WITH DETENT AND SHORT ANTI-STATIC SWITCH.

W 6 TUMBLER TUBULAR LOCK WITH ANTI-STATIC SWITCH

NOTE: For available option combinations, see page L-9.

LOCK FINISH

2 STAINLESS STEEL

8 GLOSS BLACK

F POLISHED NICKEL

TERMINATIONS

03 SOLDIER LUG WITH HOLE

01 SOLDIER LUG WITH NOTCH

02 PC THRU-HOLE

WC WIRE LEAD

All Models Except Y190

02 PC THRU-HOLE

07 SOLDIER LUG WITH HOLE

WC WIRE LEAD

Y190 Model Only

NOTE: For available option combinations, see page L-9.

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

www.ck-components.com
Y Series
4, 5 & 6 Tumbler Switchlocks

MOUNTING/LOCK STYLE

N  WITH NUT

D  WITH CLIP

PANEL MOUNTING

Latch pawl shown in pos. 1.

TYPICAL INSTALLATION
Install hex nut with enough clearance to allow for
dress nut and panel. Place switch through cutout in
rear of panel. Install and tighten dress nut by hand,
then tighten hex nut. Always tighten assembly with
back of panel hex nut to avoid damaging front of panel.

NOTE: Removable dress nut not available with Y1900A or Y100AA model options.

L  REMOVABLE DRESS NUT WITH LATCH PAWL

Latch pawl shown in pos. 1.

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

www.ck-components.com
Y Series
4, 5 & 6 Tumbler Switchlocks

Mounting Information (All Models)

<table>
<thead>
<tr>
<th>PANEL THICKNESS</th>
<th>MOUNTING STYLES</th>
<th>LOCK TYPES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A, B LOCK TYPES</td>
<td>C, R LOCK TYPES</td>
</tr>
<tr>
<td>D</td>
<td>.065-.085 (1.65–2.16)</td>
<td>.085-.105 (2.16–2.67)</td>
</tr>
<tr>
<td>N</td>
<td>.105 (2.67) max.</td>
<td>.195 (4.95) max.</td>
</tr>
<tr>
<td>L</td>
<td>.215 (5.46) max.</td>
<td>–</td>
</tr>
<tr>
<td>R</td>
<td>.125 (3.18) max.</td>
<td>.215 (5.46) max.</td>
</tr>
</tbody>
</table>

Available Option Combinations

<table>
<thead>
<tr>
<th>MOUNTING STYLES</th>
<th>LOCK FINISHES</th>
<th>LOCK TYPES</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>2 8 FA 8 B C R V W</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>8 FA 8 B C R V W</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>8 B C R V W</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>8 B C R V W</td>
<td></td>
</tr>
</tbody>
</table>

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 4 AMPS @ 125 V AC or 28 V DC; 2 AMPS @ 250 V AC (UL/CSA).</td>
</tr>
<tr>
<td>B</td>
<td>YES</td>
<td>YES</td>
<td>GOLD ¹</td>
<td>LOW LEVEL/DRY CIRCUIT 0.4 VA MAX. @ 20 V AC or DC MAX.</td>
</tr>
<tr>
<td>G</td>
<td>YES</td>
<td>YES</td>
<td>GOLD SILVER ³</td>
<td>LOW LEVEL/DRY CIRCUIT OR POWER 0.4 VA MAX. @ 20 V AC or DC MAX. or 4 AMPS @ 125 V AC or 28 V DC; 2 AMPS @ 250 V AC (UL/CSA).</td>
</tr>
</tbody>
</table>

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

1 CONTACTS & TERMINALS: Copper, with gold plate over nickel plate.
2 CONTACTS & TERMINALS: Copper, silver plated (std. with all termination options).
3 CONTACTS & TERMINALS: Copper, with gold plate over silver plate.

Seal

NONE NO SEAL

E EPOXY SEAL

EPOXY .075 MAX. (1.91)
Y Series
4, 5 & 6 Tumbler Switchlocks

AVAILABLE HARDWARE

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

Key Code: D001
5 TUMBLER
PART NO. (ONE KEY)
115441001
Material: Brass
Finish: Nickel plate

Key Code: AAAA
PART NO. (ONE KEY)
363C1AAAA
Material: Zinc alloy
Finish: Chrome plate

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

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