

# YM Series

## 4 Tumbler Miniature Switchlocks



### Description

Designers of cable TV connectors, automotive accessories and computers turn to YM series of 4 tumbler miniature switchlocks to meet their security needs. As a 4 tumbler lock with positive detent, the YM series feature snap-together assemblies for pre-wiring the switch and are available with wire lead terminations.

### Features & Benefits

- Snap-together assembly allows for pre-wiring of switch
- Wire lead terminations available
- 4 Tumbler lock with positive detent

### Applications

- Cable TV connectors
- Automotive accessories
- Computers

### Specifications

<b>Contact Ratings</b>	Q contact material: 4 amps @ 125 V AC or 28 V DC; 2 amps @ 250 V AC (UL). 4 amps @ 125 V AC, 2 amps @ 250 V AC, T65, class 1 (VDE). See page 3 for additional ratings.
<b>Contact Resistance</b>	Below 10 m Ω typ. initial @ 2-4 V DC, 100 mA

### Electrical Characteristics

<b>Electrical Life</b>	10,000 make-and-break cycles at full load.
<b>Insulation Resistance</b>	10 <sup>9</sup> Ω min.
<b>Dielectric Strength</b>	1,000 Vrms min. @ sea level.
<b>Indexing</b>	90°: 2 positions

**Notes:**  
Max temperature for UL Recognition is 65°C.

### Agency Approvals

Agency	Agency File Number
	E42363

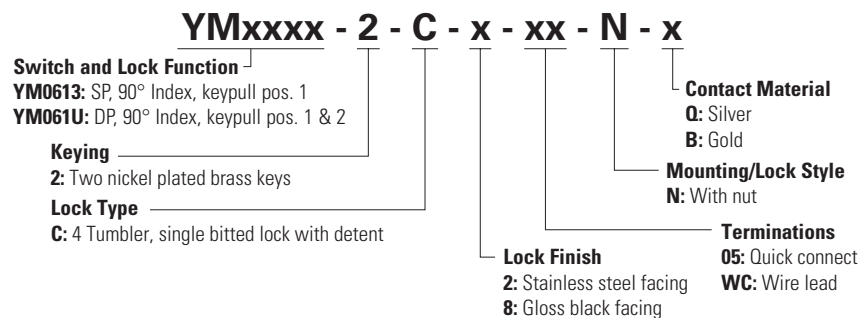
### Materials

<b>Lock</b>	Zinc alloy with stainless steel facing. 4 tumbler single bitted lock with integral detent mechanism.
<b>Keys</b>	Two nickel plated brass keys with code number.
<b>Switch Housing</b>	6/6 Nylon (UL 94 V-2).
<b>Contacts and Terminals</b>	Q contact material: Copper, silver plated. See page 3 for additional contact materials
<b>Mounting Nut</b>	Brass, bright zinc plated.

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

### Ordering Number

To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult Customer Service Center.



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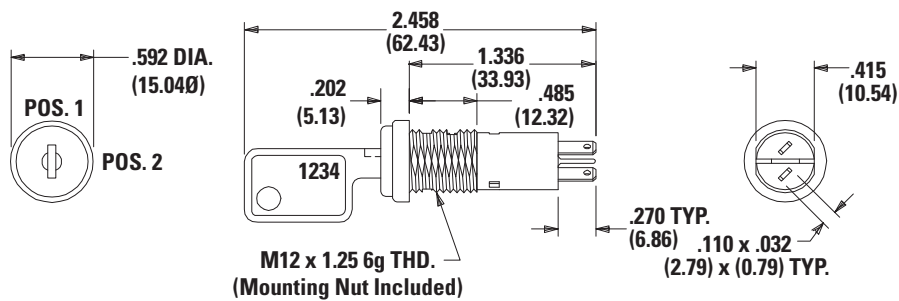
## 4 Tumbler Miniature Switchlocks



### Switch and Lock Function

No. Poles	Model No.	Switch Function		Key Pull Positions	Lock Configuration	Indexing	Schematic
		POS. 1	POS. 2				
SP	YM0613	OFF	ON	Position 1		90°	
SP	YM061U	OFF	ON	Position 1 & 2			

### SPST inches (mm)



Part number shown: YM0613C205NQ

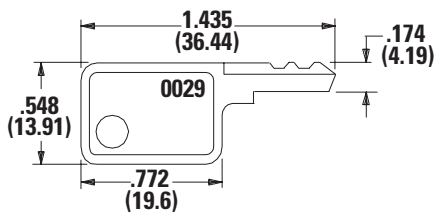
Notes: All models us with all options when ordered with 'Q' contact material.

#### Legend

- = Detent Positions (90°)
- ⊙ = Key pull possible in these positions
- ⊙ = Stop Positions

### Keying

#### 2 Two Nickel Plated Brass Keys

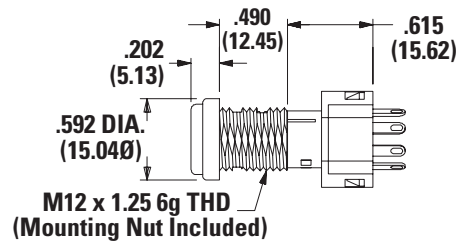


Key Part Number: 960B10029

Note: All orders keyed alike with code number on key. For more than one key code, replacement keys, or other special features, consult Customer Service Center.

### Lock Type

#### C 4 Tumbler, Single Bitted Lock with Detent



### Lock Finish

#### 2 Stainless Steel Facing



#### 8 Gloss Black Facing



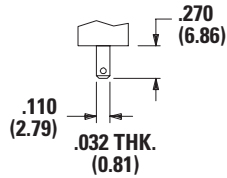
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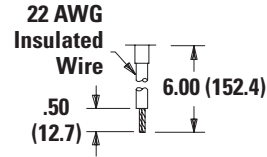


### Terminations

#### 05 Quick Connect



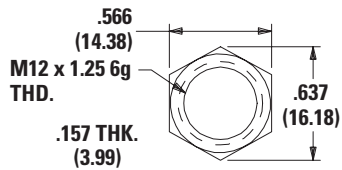
#### WC Wire Lead



Black wire standard, other colors and lengths available, consult Customer Service Center. UL style 1015.

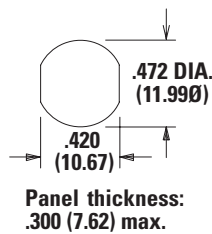
### Mounting Style

#### N With Nut



Nut part number: 1790901A47

#### Panel Mounting



### Contact Material

Option Code	ROHS Compliant <sup>1</sup>	ROHS Compatible <sup>1</sup>	Contact and Terminal Material	Rating
Q	Yes	Yes	Silver <sup>2</sup>	Power 4 amps @ 125 V AC or 28 V DC; 2 amps @ 250 AC V AC (UL <sup>3</sup> ).
B	Yes	Yes	Gold <sup>1</sup>	Low Level / Dry Circuit 0.4 VA max. @ 20 V AC or DC max.

**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.** All models **c** **RU** **US** with all options when ordered with 'G' or 'Q' contact material.

### Available Hardware



**Material:** Brass  
**Finish:** Nickel plate  
**Key Code:** 0029  
**Part No.** (One Key) 960B10029

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