

# YF Series

## 4 Tumbler Miniature Switchlocks



### Description

The YF series 4 tumbler miniature switchlock is perfect for use in cash registers, point-of-sale terminals and server hardware. The high-quality YF series features multi-pole and multi-position options, positive detent and can operate at a low power level.

### Features & Benefits

- Multi-pole and multi-position
- Low level and power capability
- Positive detent

### Applications

- Computer servers
- Point-of-sale terminals
- Cash registers

### Agency Approvals

Agency	Agency File Number
	E42363

### Specifications

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

### 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 max.

### Materials

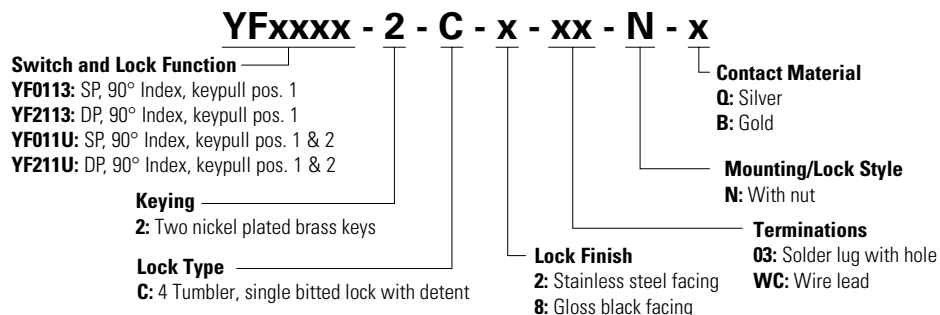
<b>Lock</b>	Zinc alloy with stainless steel facing. 4 tumbler, single bitted lock with integral detent mechanism.
<b>Keys</b>	Two nickel plated brass keys with code number.
<b>Switch Housing</b>	6/6 Nylon (UL 94 V-2).
<b>Contacts and Terminals</b>	Q contact material: Copper, silver plated. See page 3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

#### 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.



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

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### Switch and Lock Function

#### Single & Double Pole Switches

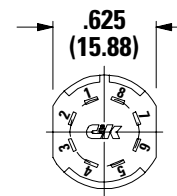
No. Poles	Model No.	Connected Terminals			Key Pull Positions	Lock Configuration	Indexing
		POS. 1	POS. 2	POS. 3			
SP, DP	YF0113 YF2113	8-1	1-3, 1-3, 5-7	-	Position 1		90°
	YF011U YF211U	8-1, 4-5	1-3, 5-7	-	Position 1 & 2		

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

#### Legend

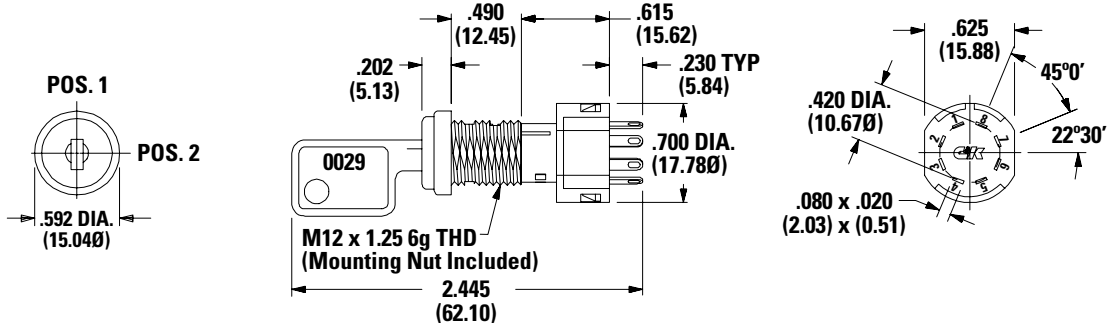
- = Detent Positions (45° or 90°)
- = Key pull possible in these positions.
- = Stop Positions

#### Terminal Numbers



Notes: Terminal numbers molded on bottom of housing.

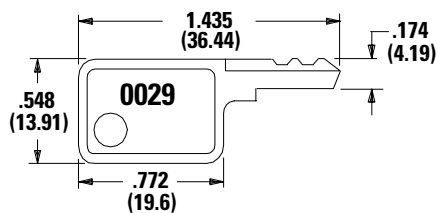
#### YF Series Dimensions - inches (mm)



Notes: Terminal numbers molded on housing. Part number shown: YF01132C203NQ

#### Keying

##### 2 Two Nickel Plated Brass Keys

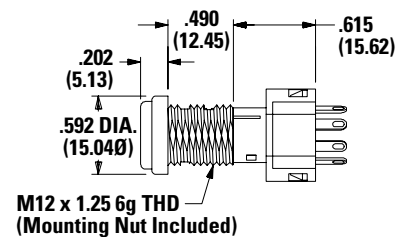


Note: All orders keyed alike with code number on key. For more than one key code, replacement keys, or other special features, consult Customer Service Center.

Key Part Number: 960B10029

#### Lock Type

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



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### Lock Finish

#### 2 Stainless Steel Facing

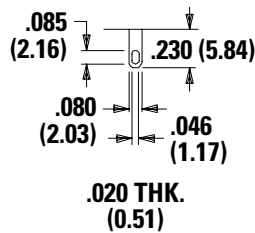


#### 8 Gloss Black Facing

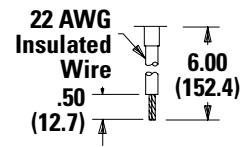


### Terminations

#### 03 Solder Lug with Hole



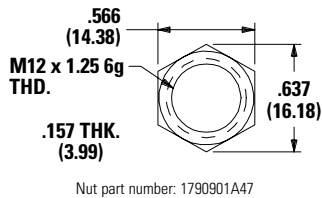
#### WC Wire Lead



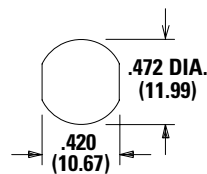
**Note:** Black wire standard, other colors and lengths available, consult Customer Service Center. UL style 1015.

### Mounting Style

#### N with Nut

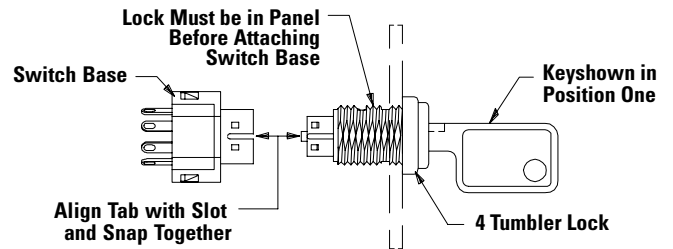


#### Panel Mounting



**Panel Thickness:**  
.300 (7.62) max.

### Switch and Lock Assembly Instructions



**Note:** Switch installation is permanent. Switch cannot be removed from lock after assembly. Attempts to separate switch and lock may damage switch.

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### 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 V AC <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  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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