

# YF Series 4 Tumbler Miniature Switchlocks

## Features/Benefits

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

## Typical Applications

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



Models Available

## Specifications

CONTACT RATING: Q contact material: 4 AMPS @ 125 V AC or 28 V DC; 2 AMPS @ 250 V AC (UL/CSA). See page L-14 for additional ratings.

ELECTRICAL LIFE: 10,000 make-and-break cycles at full load.

CONTACT RESISTANCE: Below 10 m Ω typ. initial @ 2-4 V DC, 100 mA, for both silver and gold plated contacts.

INSULATION RESISTANCE: 10<sup>9</sup> Ω min.

DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.

INDEXING: 90°:2 positions max.

## Materials

LOCK: Zinc alloy with stainless steel facing. 4 tumbler, single bitted lock with integral detent mechanism.

KEYS: Two nickel plated brass keys with code number.

SWITCH HOUSING: 6/6 Nylon (UL 94V-2).

CONTACTS & TERMINALS: Q contact material: Copper, silver plated. See page L-14 for additional contact materials.

MOUNTING NUT: Brass, bright zinc plated.

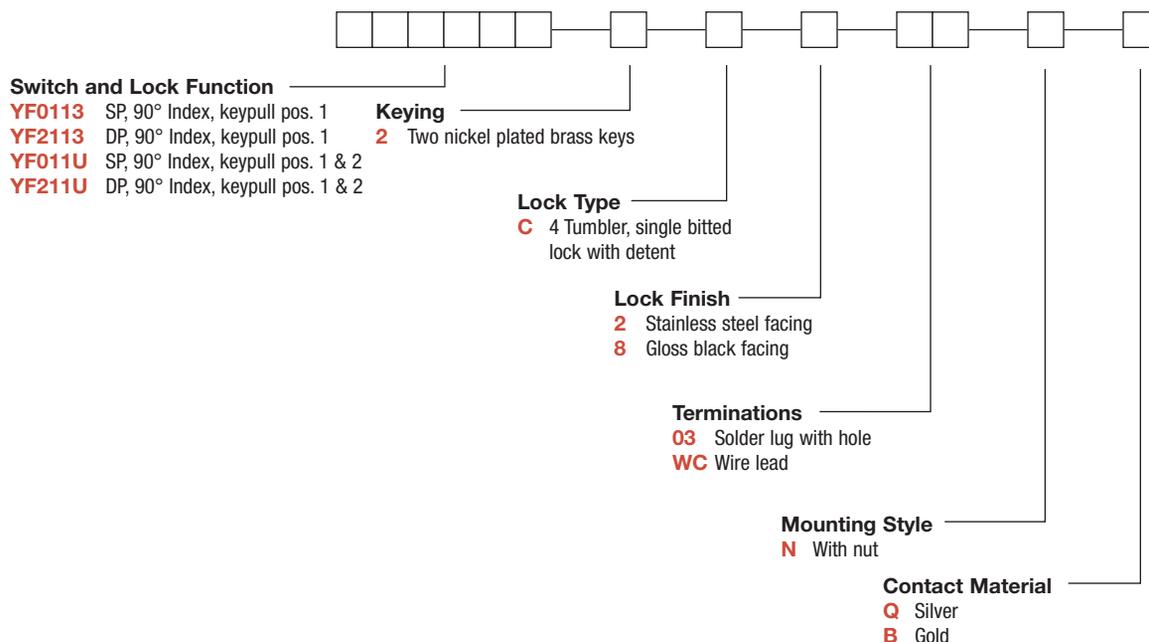
TERMINAL SEAL: Epoxy.

**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.

## 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-12 through L-14. For additional options not shown in catalog, consult Customer Service Center.



Switchlock



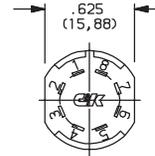
Dimensions are shown: Inch (mm)  
Specifications and dimensions subject to change

# YF Series 4 Tumbler Miniature Switchlocks

## 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		Position 1		90°
		8-1, 4-5	1-3, 5-7				
SP DP	YF011U YF211U	8-1	1-3		Positions 1 & 2		
		8-1, 4-5	1-3, 5-7				

TERMINAL NUMBERS

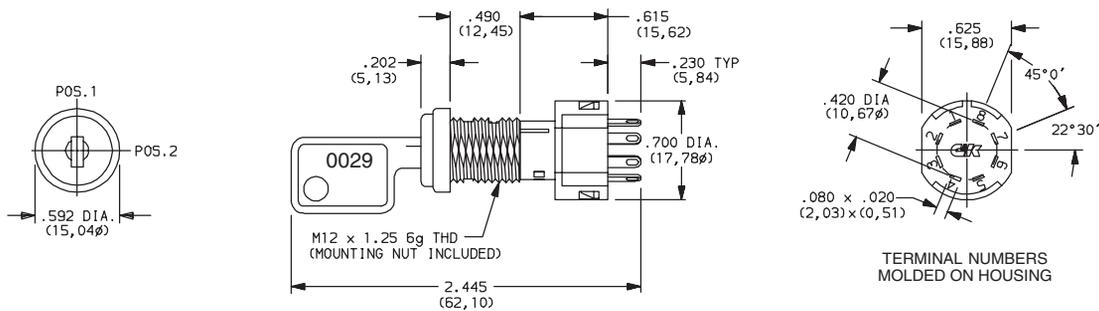


Terminal numbers molded on bottom of housing.

All models **C&K** US with all options when ordered with 'Q' contact material.

### LEGEND

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



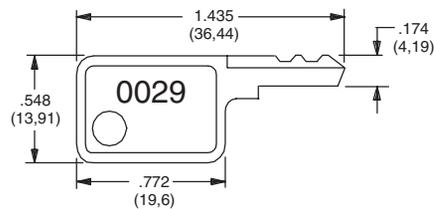
Part number shown: YF01132C203NQ



Switchlock

## 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.



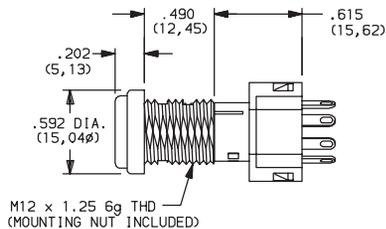
Dimensions are shown: Inch (mm)  
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# YF Series 4 Tumbler Miniature Switchlocks

## LOCK TYPE

**C** 4 TUMBLER, SINGLE BITTED LOCK WITH DETENT



## LOCK FINISH

**2** STAINLESS STEEL FACING

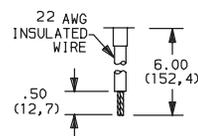
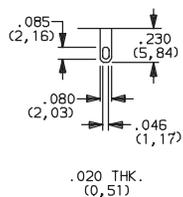
**8** GLOSS BLACK FACING



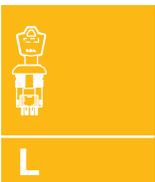
## TERMINATIONS

**03** SOLDER LUG WITH HOLE

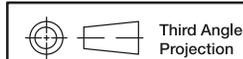
**WC** WIRE LEAD



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



Switchlock



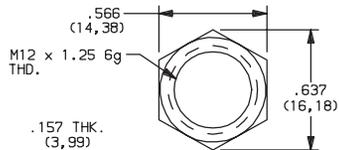
Dimensions are shown: Inch (mm)  
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[www.ck-components.com](http://www.ck-components.com)

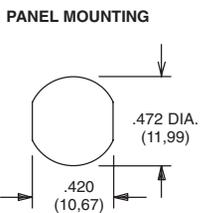
# YF Series 4 Tumbler Miniature Switchlocks

## MOUNTING STYLE

**N** WITH NUT

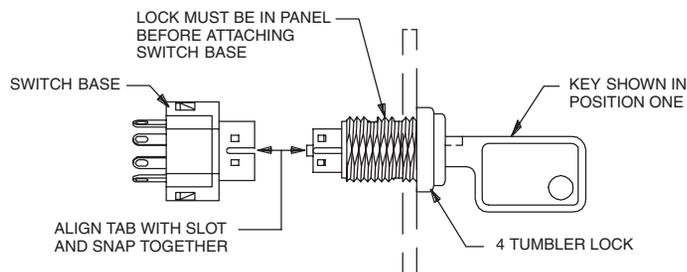


Nut part number: 1790901A47



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.

## CONTACT MATERIAL

OPTION CODE	RoHS COMPLIANT*	RoHS COMPATIBLE*	CONTACT AND TERMINAL MATERIAL	RATING	
<b>Q</b>	YES	YES	SILVER <sup>2</sup>	POWER	4 AMPS @ 125 V AC or 28 V DC; 2 AMPS @ 250 V AC (UL/CSA).
<b>B</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.

<sup>1</sup> CONTACTS & TERMINALS: Copper, with gold plate over nickel plate.

<sup>2</sup> CONTACTS & TERMINALS: Copper, silver plated (standard with all termination options).

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

## AVAILABLE HARDWARE



Switchlock



Key Code: 0029

**PART NO. (ONE KEY)**

**960B10029**

**Material:** Brass  
**Finish:** Nickel plate



Third Angle Projection

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

**C&K**