

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
- Positive detent
- Low level and power capability

Applications

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

Agency Approvals

Agency	Agency File Number
cULus	E42363

Specifications

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

Electrical Characteristics

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

Materials

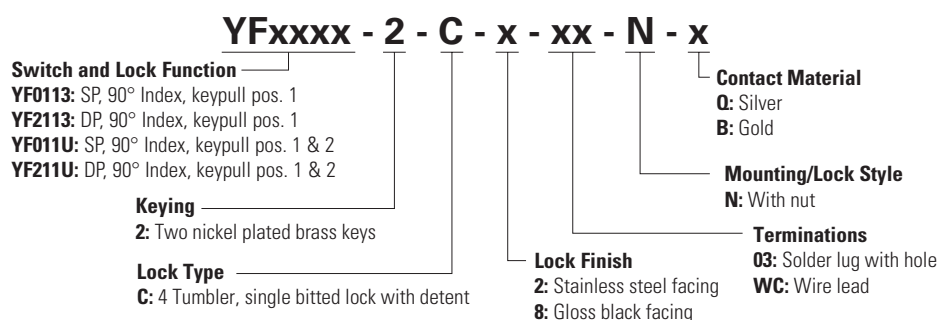
Lock	Zinc alloy with stainless steel facing. 4 tumbler, single bitted lock with integral detent mechanism.
Keys	Two nickel plated brass keys with code number.
Switch Housing	6/6 Nylon (UL 94 V-2).
Contacts and Terminals	Q contact material: Copper, silver plated. See page 3 for additional contact materials.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

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Switch and Lock Function

Single & Double Pole Switches

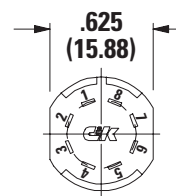
No. Poles	Model No.	Connected Terminals			Key Pull Positions	Lock Configuration	Indexing
		POS. 1	POS. 2	POS. 3			
SP, DP	YF0113 YF2113	8-1	1-3, 1-3, 5-7	-	Position 1		90°
	YF011U YF211U	8-1, 4-5	1-3, 5-7	-	Position 1 & 2		

Notes: All models except YF011U and YF211U with all options when ordered with 'Q' contact material.

Legend

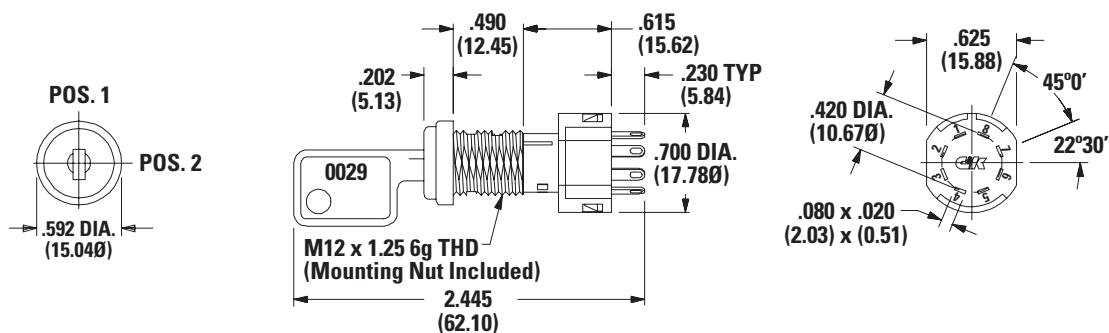
- = Detent Positions (45° or 90°)
- ⊙ = Key pull possible in these positions.
- ⊙ = Stop Positions

Terminal Numbers



Notes: Terminal numbers molded on bottom of housing.

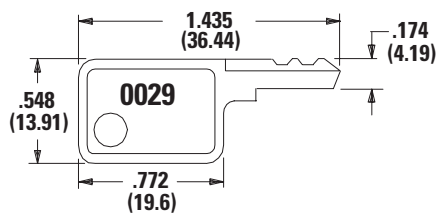
YF Series Dimensions - inches (mm)



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

Keying

2 Two Nickel Plated Brass Keys

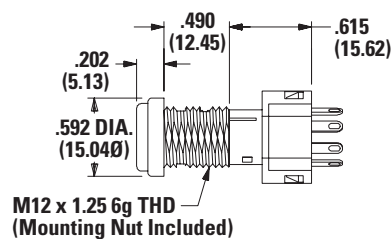


Note: All orders keyed alike with code number on key. For more than one key code, replacement keys, or other special features, consult Customer Service Center.

Key Part Number: 960B10029

Lock Type

C 4 Tumbler, Single Bitted Lock with Detent



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Lock Finish

2 Stainless Steel Facing

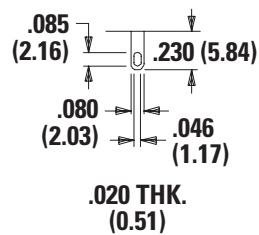


8 Gloss Black Facing

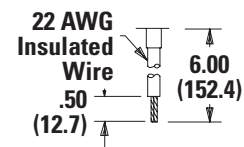


Terminations

03 Solder Lug with Hole



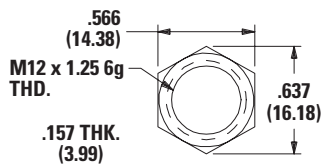
WC Wire Lead



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

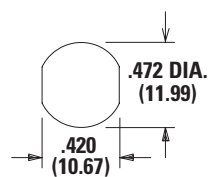
Mounting Style

N with Nut



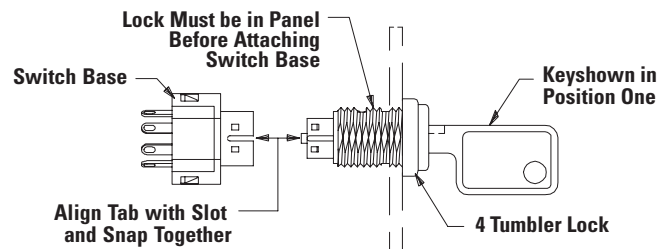
Nut part number: 1790901A47

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 ¹	ROHS Compatible ¹	Contact and Terminal Material	Rating	
Q	Yes	Yes	Silver ²	Power	4 amps @ 125 V AC or 28 V DC; 2 amps @ 250 V AC ³
B	Yes	Yes	Gold ¹	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&K** 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