

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: 10⁹ Ω min.

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

INDEXING: 45°:3 positions max., 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.

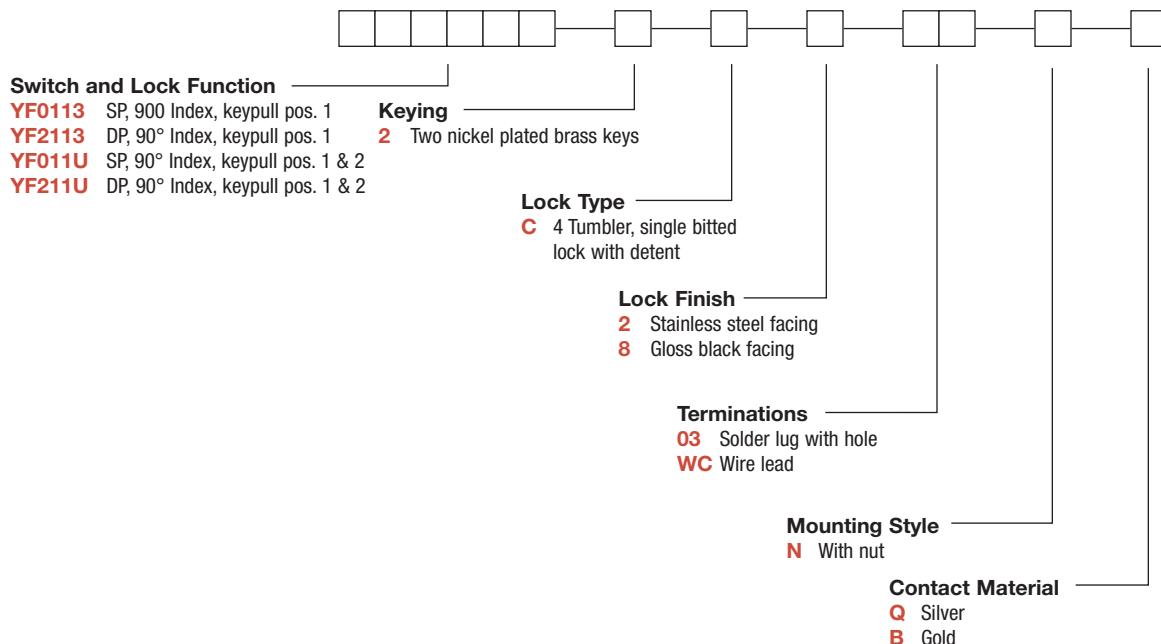
TERMINAL SEAL: Epoxy.

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.



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



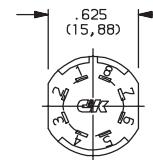
Switchlock

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

TERMINAL NUMBERS

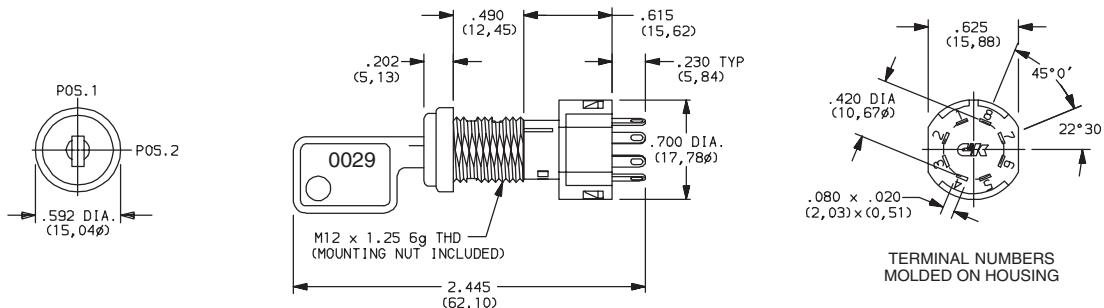


Terminal numbers molded on bottom of housing.

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

LEGEND

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



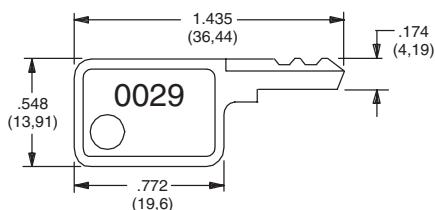
Part number shown: YF01132C203NQ



Switchlock

KEYING

2 TWO NICKEL PLATED BRASS KEYS



Key Part Number: 119091029

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.



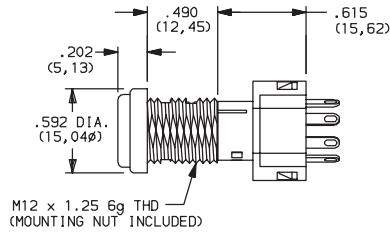
Dimensions are shown: Inch (mm)
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C&K YF Series 4 Tumbler Miniature Switchlocks

LOCK TYPE

C 4 TUMBLER, SINGLE BITTED LOCK WITH DETENT



LOCK FINISH

2 STAINLESS STEEL FACING

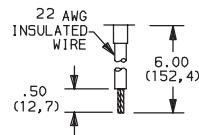
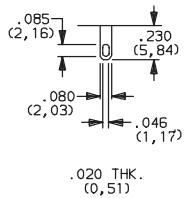
8 GLOSS BLACK FACING



TERMINATIONS

03 SOLDER LUG WITH HOLE

WC WIRE LEAD



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



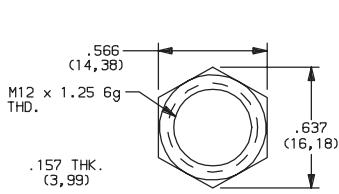
Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change



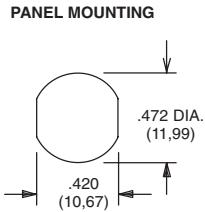
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MOUNTING STYLE

N WITH NUT

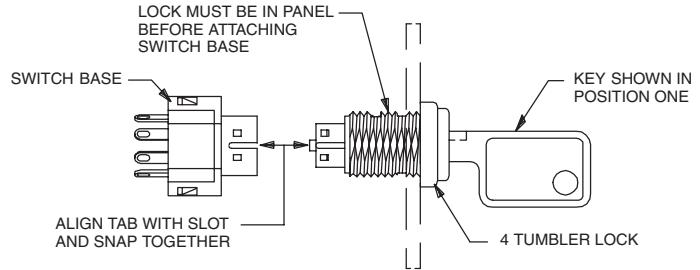


Nut part number: 179090123



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	
Q	YES	YES	SILVER ²	POWER	4 AMPS @ 125 V AC or 28 V DC; 2 AMPS @ 250 V AC (UL/CSA).
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.

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

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

AVAILABLE HARDWARE



Key Code: 0029

PART NO. (ONE KEY)
960B10029

Material: Brass
Finish: Nickel plate



Switchlock



Third Angle Projection

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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Components:

[Y2011U2C2WCNQ](#) [YF01132C203NQ](#) [YF01132C803NB](#) [YF011U2C203NQ](#) [YF21132C203NQ](#)