

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 |
|--------|--------------------|
| cUL us | 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 mΩ 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. |

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.

YFxxxx - 2 - C - x - xx - N - x

Switch and Lock Function

- YF013:** SP, 90° Index, keypull pos. 1
YF213: DP, 90° Index, keypull pos. 1
YF011U: SP, 90° Index, keypull pos. 1 & 2
YF211U: DP, 90° Index, keypull pos. 1 & 2

Keying

- 2:** Two nickel plated brass keys

Lock Type

- C:** 4 Tumbler, single bitted lock with detent

Contact Material

- Q:** Silver
B: Gold

Mounting/Lock Style

- N:** With nut

Lock Finish

- 2:** Stainless steel facing
8: Gloss black facing

Terminations

- 03:** Solder lug with hole
WC: Wire lead

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

YF Series

4 Tumbler Miniature Switchlocks

Switch and Lock Function Single & Double Pole Switches

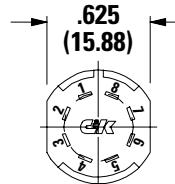
| No. Poles | Model No. | Connected Terminals | | | Key Pull Positions | Lock Configuration | Indexing |
|-----------|------------------|---------------------|------------------|--------|--------------------|---|----------|
| | | POS. 1 | POS. 2 | POS. 3 | | | |
| SP, DP | YF0113 YF2113 | 8-1 | 1-3,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

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

Legend

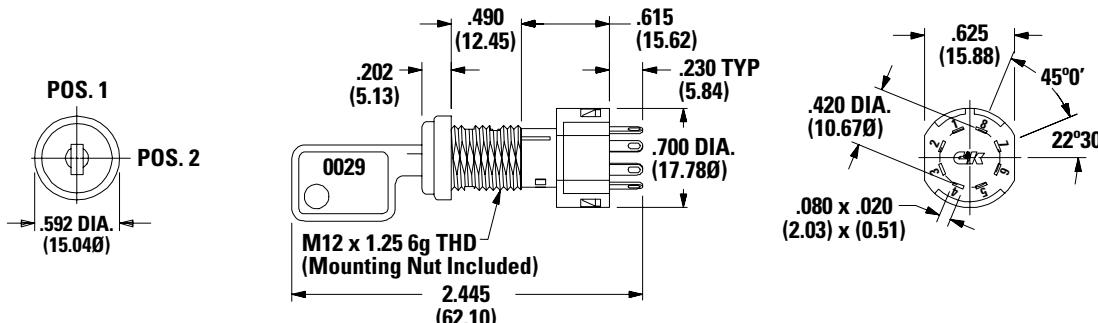
- = Detent Positions (45° or 90°)
- = Key pull possible in these positions.
- ◎ = Stop Positions

Terminal Numbers



Notes: Terminal numbers molded on bottom of housing.

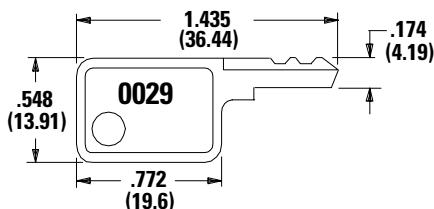
YF Series Dimensions - inches (mm)



Notes: Terminal numbers molded on housing. Part number shown: YF0113C203NQ

Keying

2 Two Nickel Plated Brass Keys

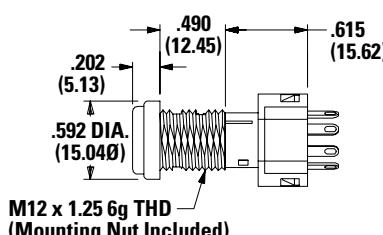


Note: All orders keyed alike with code number on key. For more than one key code, replacement keys, or other special features, consult Customer Service Center.

Key Part Number: 960B10029

Lock Type

C 4 Tumbler, Single Bitted Lock with Detent



YF Series

4 Tumbler Miniature Switchlocks



Littelfuse® | **C&K**
Switches

Lock Finish

2 Stainless Steel Facing

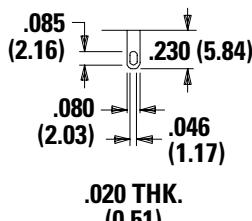


8 Gloss Black Facing

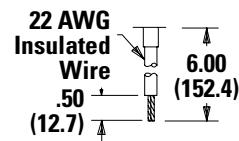


Terminations

03 Solder Lug with Hole



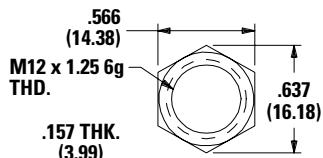
WC Wire Lead



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

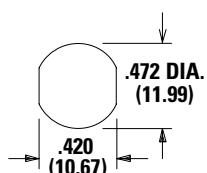
Mounting Style

N with Nut



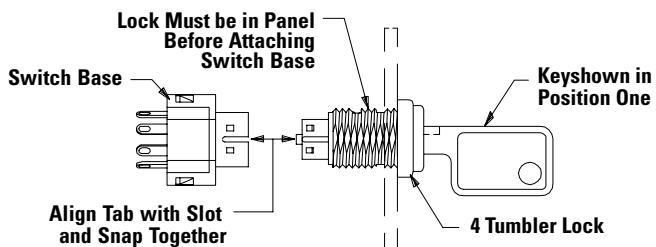
Nut part number: 1790901A47

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.

YF Series

4 Tumbler Miniature Switchlocks

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 ~~cK~~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

Disclaimer Notice - Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at <http://www.littelfuse.com/disclaimer-electronics>.