

YM Series 4 Tumbler Miniature Switchlocks

Features/Benefits

- Snap-together assembly allows for pre-wiring of switch
- Wire lead terminations available
- 4 Tumbler lock with positive detent

Typical Applications

- Cable TV connectors
- Automotive accessories
- Computers



Models Available

Specifications

CONTACT RATING: Q contact material: 4 AMPS @ 125 V AC or 28 V DC; 2 AMPS @ 250 V AC (UL/CSA). 4 AMPS @ 125 V AC, 2 AMPS @ 250 V AC, T65, class 1 (VDE). See page L-17 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.

INSULATION RESISTANCE: 10⁹ Ω min.

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

INDEXING: 90°:2 positions.

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-17 for additional contact materials.

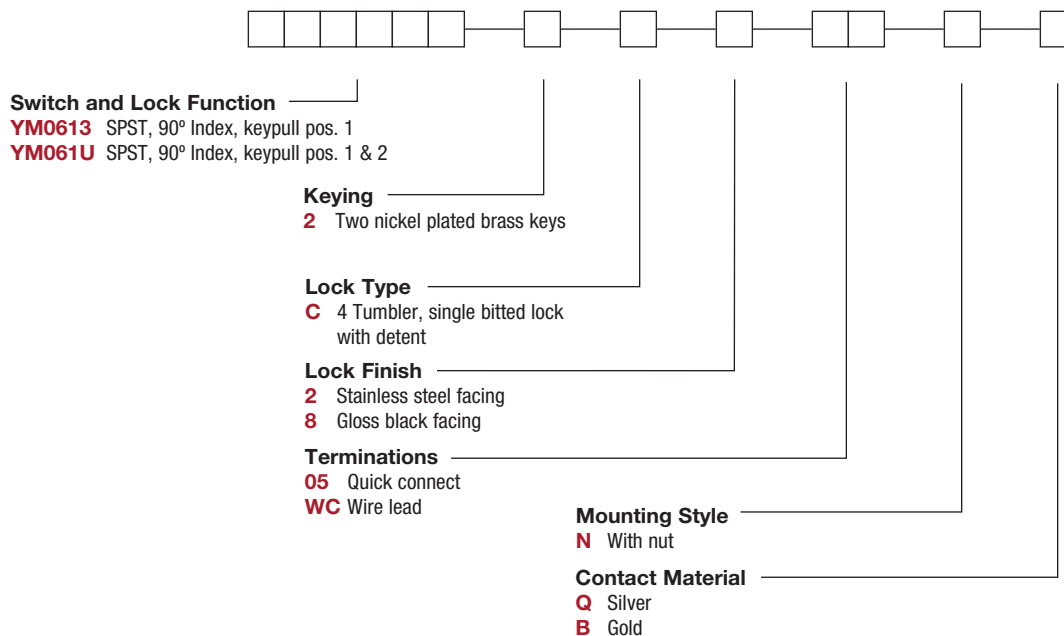
MOUNTING NUT: Brass, bright zinc plated.

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-16 and L-17. For additional options not shown in catalog, consult Customer Service Center.



Switchlock



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

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SWITCH AND LOCK FUNCTION

| NO. POLES | MODEL NO. | SWITCH FUNCTION | | KEY PULL POSITIONS | LOCK CONFIGURATION | INDEXING | SCHEMATIC |
|------------------------------------------------------------------------------------------------------|---------------|-----------------|--------|--------------------|--------------------|----------|-----------|
| | | POS. 1 | POS. 2 | | | | |
| SP | YM0613 | OFF | ON | Position 1 | | 90° | |
| | YM061U | | | Positions 1 & 2 | | | |
| <p>SPST</p> <p>Part number shown: YM0613C205NQ</p> <p>M12 x 1.25 6g THD. (MOUNTING NUT INCLUDED)</p> | | | | | | | |

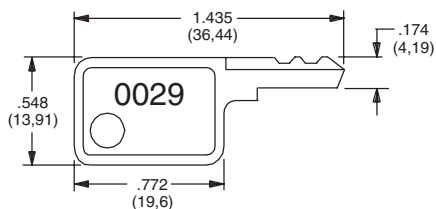
All models with all options when ordered with 'Q' contact material.

LEGEND

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

KEYING

2 TWO NICKEL PLATED BRASS KEYS

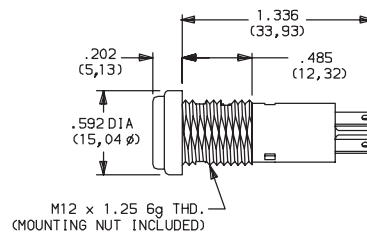


Key part number: 960B10029

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.

LOCK TYPE

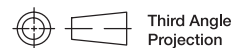
C 4 TUMBLER SINGLE BITTED LOCK WITH DETENT



LOCK FINISH

2 STAINLESS STEEL FACING

8 GLOSS BLACK FACING

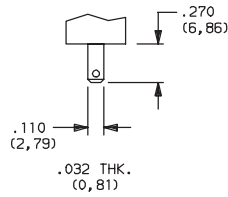


Third Angle Projection
Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

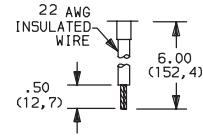
YM Series 4 Tumbler Miniature Switchlocks

TERMINATIONS

05 QUICK CONNECT



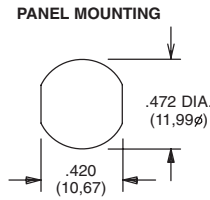
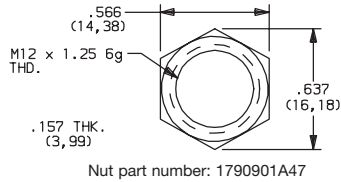
WC WIRE LEAD



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

MOUNTING STYLE

N WITH NUT



Panel thickness:
.300 (7,62) max.

CONTACT MATERIAL

| OPTION CODE | RoHS COMPLIANT* | RoHS COMPATIBLE* | CONTACT AND TERMINAL MATERIAL | RATING | |
|-------------|-----------------|------------------|-------------------------------|-----------------------|--------------------------------------------------------------|
| | | | | POWER | 4 AMPS @ 125 V AC or 28 V DC; 2 AMPS @ 250 AC V AC (UL/CSA). |
| Q | YES | YES | SILVER ² | LOW LEVEL/DRY CIRCUIT | 0.4 VA MAX. @ 20 V AC or DC MAX. |
| B | YES | YES | GOLD ¹ | | |

* 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 (standard with all termination options).

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

AVAILABLE HARDWARE



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



Switchlock

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