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: 10^9 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.

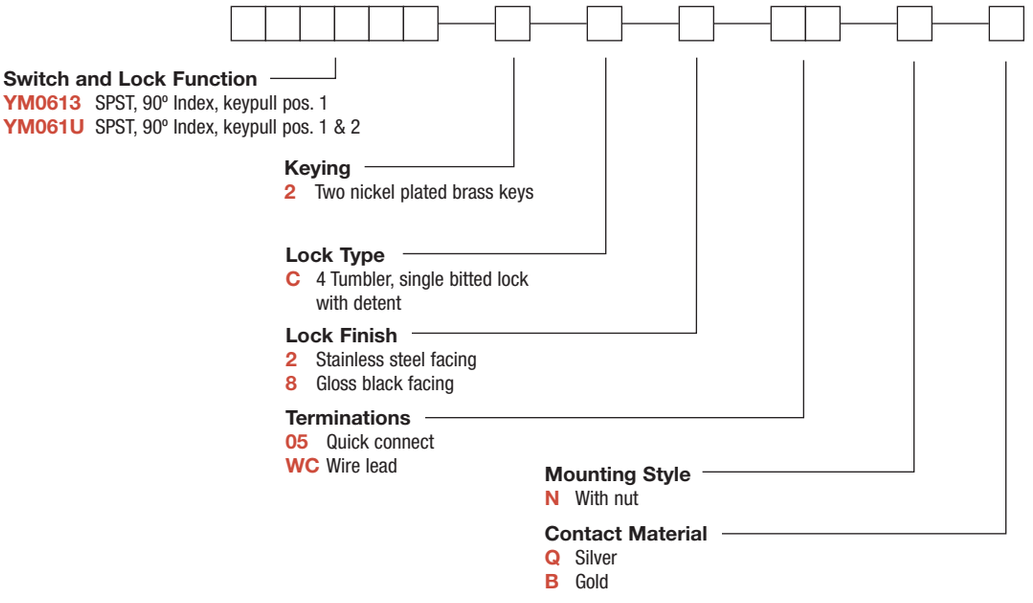
MOUNTING NUT: Brass, bright zinc plated.

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.

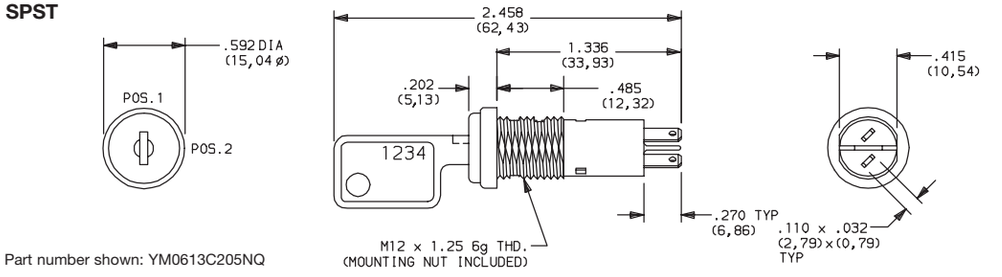


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SWITCH AND LOCK FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION POS. 1	SWITCH FUNCTION POS. 2	KEY PULL POSITIONS	LOCK CONFIGURATION	INDEXING	SCHEMATIC
SP	YM0613	OFF	ON	Position 1	POS. 1 — 2	90°	
	YM061U			Positions 1& 2	POS. 1 — 2		

SPST



Part number shown: YM0613C205NQ

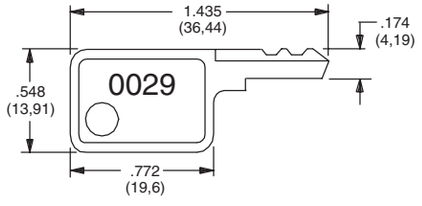
All models cULus with all options when ordered with 'Q' contact material.

LEGEND

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

KEYING

2 TWO NICKEL PLATED BRASS KEYS

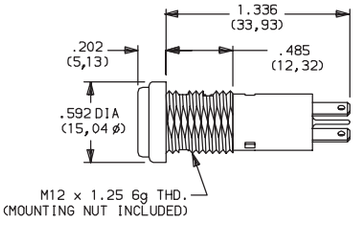


Key part number: 960B10029

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

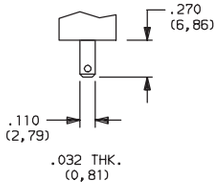


Third Angle Projection

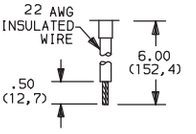
Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

TERMINATIONS

05 QUICK CONNECT



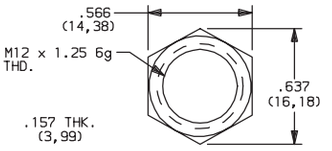
WC WIRE LEAD



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

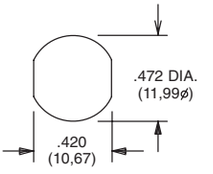
MOUNTING STYLE

N WITH NUT



Nut part number: 1790901A47

PANEL MOUNTING



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

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 AC 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.

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

All models c UL us 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