C&K PF Series
5 Tumbler Miniature Snap-in Switchlocks

Features/Benefits

- ***Snap-in mounting***
- ***Multi-pole and multi-position***
- ***Positive detent***

Typical Applications

- ***Computers***
- ***Point-of-sale terminals***
- ***Instrumentation***



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 M-30 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: 10^9 Ω min.

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

INDEXING: 45°: 3 positions, 90°:2 positions.

Materials

LOCK: 6/6 nylon with matte finish (UL 94V-2), black, 5 tumbler, single bitted lock with integral detent mechanism.

KEYS: Two nickel plated brass keys with black plastic head.

SWITCH HOUSING: 6/6 nylon (UL 94V-2).

CONTACTS & TERMINALS: Q contact material: Copper, silver plated. See page M-30 for additional contact materials.

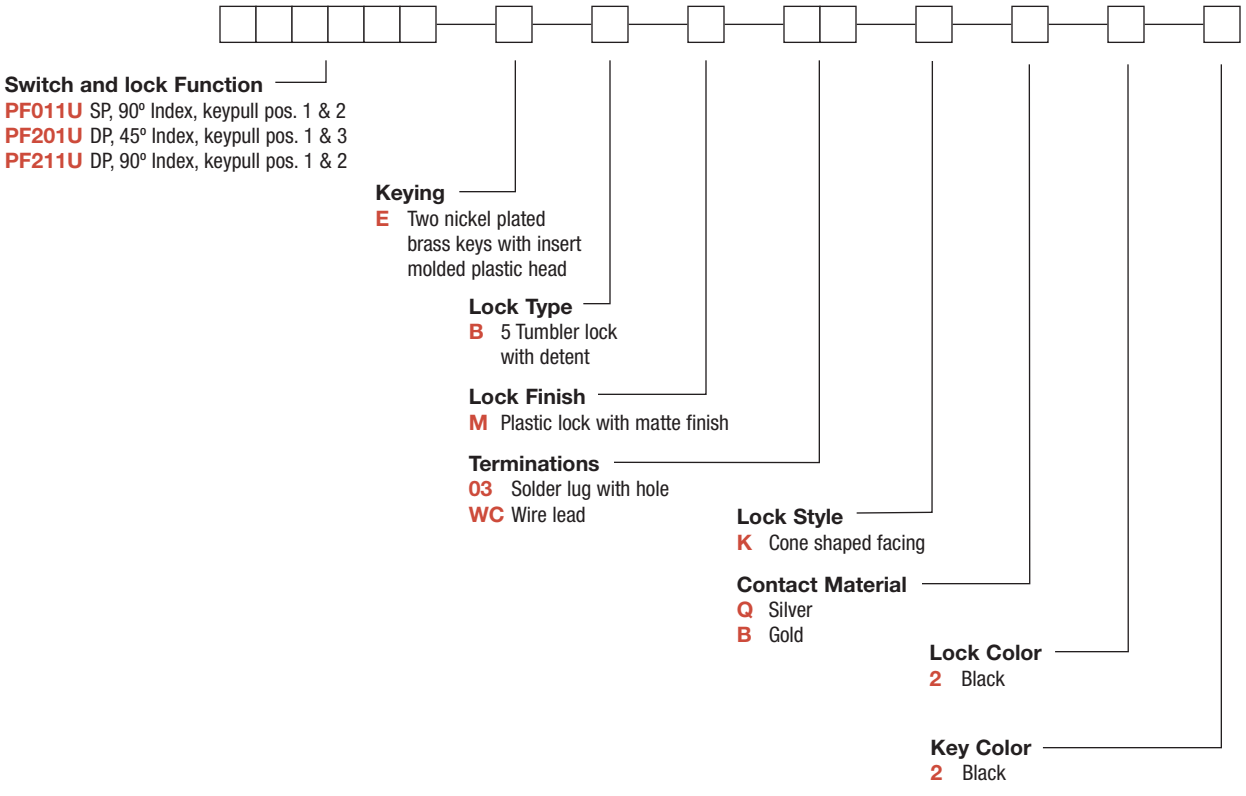
TERMINAL SEAL: Epoxy.

NOTE: Any models supplied with Q or B contact material are RoHS compliant. For the latest information regarding RoHS compliance, please go to: www.ittcannon.com/rohs.

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 M–28 through M–30. For additional options not shown in catalog, consult Customer Service Center.



M Switchlock

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

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SWITCH AND LOCK FUNCTION

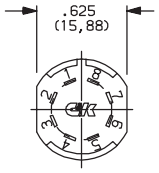
SINGLE & DOUBLE POLE SWITCHES							
NO. POLES	MODEL NO.	CONNECTED TERMINALS POS. 1	POS. 2	POS. 3	KEY PULL POSITIONS	LOCK CONFIGURATION	INDEXING
DP	PF201U	8-1, 4-5	1-2, 5-6	2-3, 6-7	Positions 1 & 3	POS. 1 2 3	45°
SP DP	PF011U PF211U	8-1 8-1, 4-5	1-3 1-3, 5-7		Positions 1 & 2	POS. 1 2	90°

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

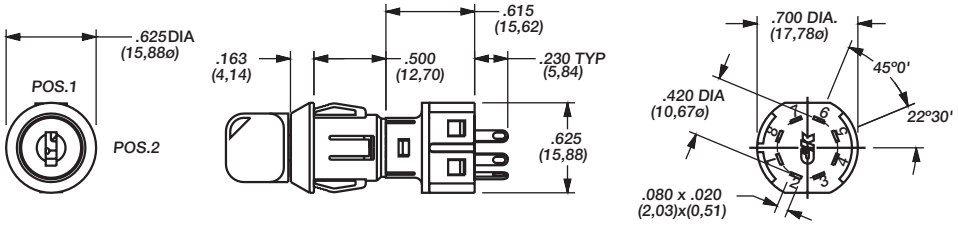
LEGEND

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

TERMINAL NUMBERS



Terminal numbers molded on housing.

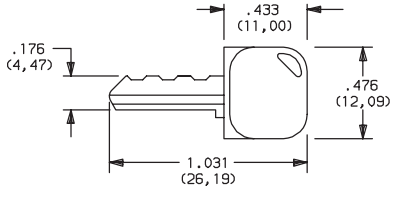


Part number shown: PF011UEBM03KQ22

KEYING

KEY COLOR
KEYING

E TWO NICKEL PLATED BRASS KEYS WITH INSERT MOLDED PLASTIC HEAD



Key part number: 334C1004102

OPTION CODE	KEY COLOR
2	BLACK

NOTE: All orders keyed alike, standard. For more than one key code, replacement keys, or other special features, consult Customer Service Center.

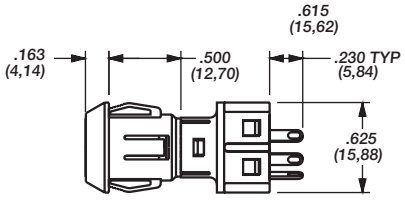
Third Angle Projection

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

LOCK TYPE

LOCK COLOR
LOCK TYPE

B 5 TUMBLER LOCK WITH DETENT



OPTION CODE	LOCK COLOR
2	BLACK

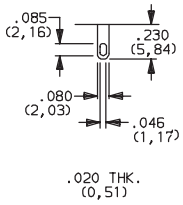
LOCK FINISH

M PLASTIC LOCK WITH MATTE FINISH

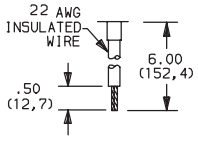


TERMINATIONS

03 SOLDER LUG WITH HOLE



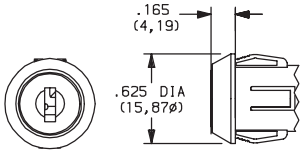
WC WIRE LEAD



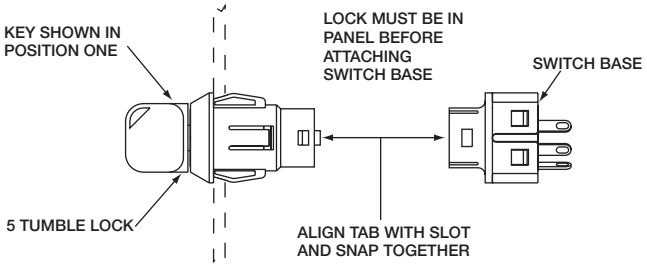
Black wire standard, other colors and lengths available, consult Customer Service Center. UL style 1015.

LOCK STYLE

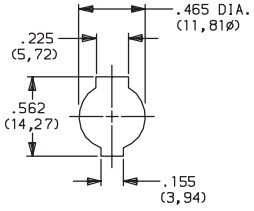
K CONE SHAPED FACING



Switch and Lock Assembly Instructions



PANEL MOUNTING



Panel thickness:
.050-.080 (1,27-2,03)

NOTE: Switch installation is permanent. Switch cannot be removed from lock after assembly. Attempts to separate switch and lock may damage switch.

Third Angle Projection

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

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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.

[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: 041

PART NO. (ONE KEY)

334C1004102 BLACK

Material: Brass
Finish: Nickel plate
6/6 Nylon insert molded head

Third Angle Projection

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