

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



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: 10⁹ 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.

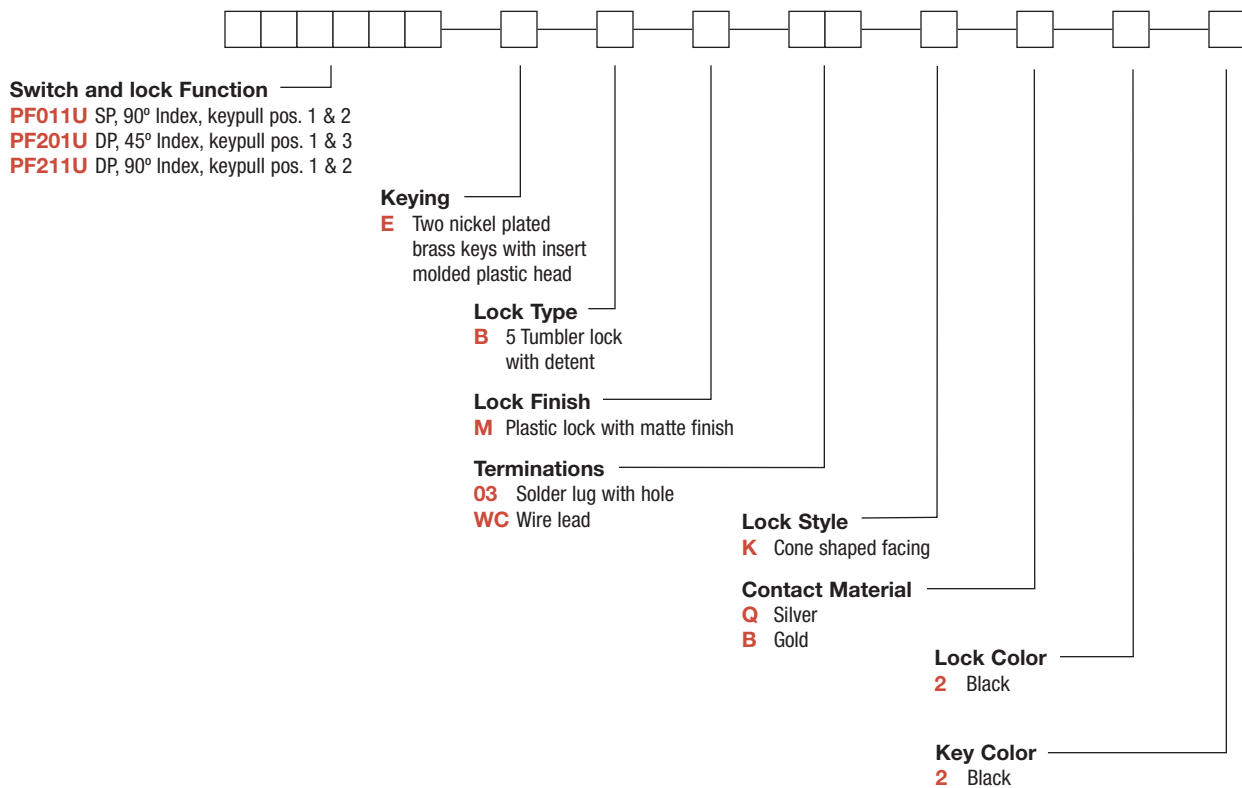
TERMINAL SEAL: Epoxy.

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.



Switchlock



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

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

SWITCH AND LOCK FUNCTION

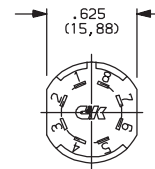
SINGLE & DOUBLE POLE SWITCHES							
NO. POLES	MODEL NO.	CONNECTED TERMINALS			KEY PULL POSITIONS	LOCK CONFIGURATION	INDEXING
		POS. 1	POS. 2	POS. 3			
DP	PF201U	8-1, 4-5	1-2, 5-6	2-3, 6-7	Positions 1 & 3		45°
SP DP	PF011U PF211U	8-1 8-1, 4-5	1-3 1-3, 5-7		Positions 1 & 2		90°

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

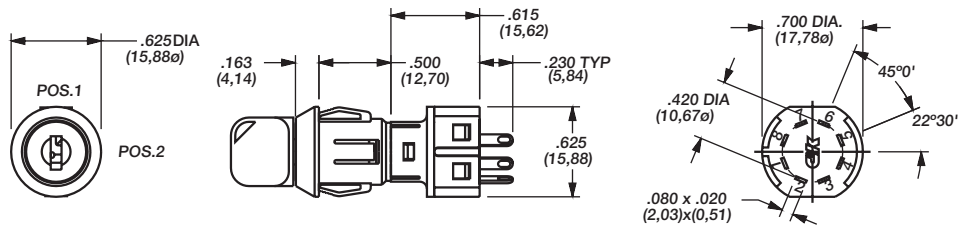
LEGEND

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

TERMINAL NUMBERS

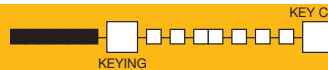


Terminal numbers molded on housing.

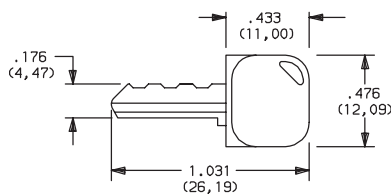


Part number shown: PF011UEBM03KQ22

KEYING



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.



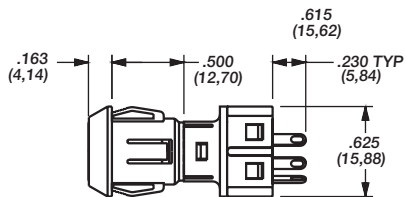
Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change



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

LOCK TYPE

B 5 TUMBLER LOCK WITH DETENT



OPTION CODE	LOCK COLOR
2	BLACK

LOCK FINISH

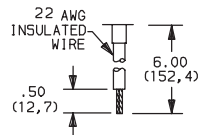
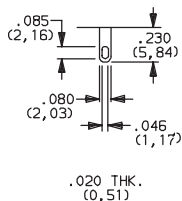
M PLASTIC LOCK WITH MATTE FINISH



TERMINATIONS

03 SOLDER LUG WITH HOLE

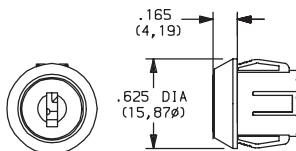
WC WIRE LEAD



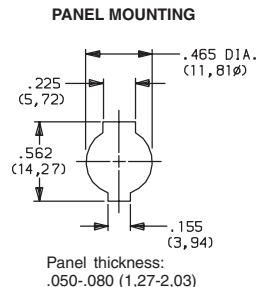
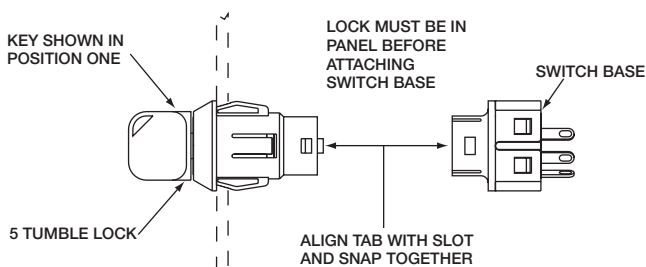
Black wire standard, other colors and lengths available, consult Customer Service Center. UL style 1015.

LOCK STYLE

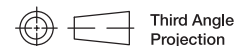
K CONE SHAPED FACING



Switch and Lock Assembly Instructions



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



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



M

Switchlock

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



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



Switchlock



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

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

Features/Benefits

- International agency listings
- Snap-in mounting
- Wire lead terminations available
- 5 Tumbler lock with positive detent

Typical Applications

- Computers
- Point-of-sale terminals
- Marine equipment



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 (VDE). See page M-33 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: 90°:2 positions.

Materials

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

KEYS: Two nickel plated brass keys with black plastic head, other colors available.

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

CONTACTS & TERMINALS: Q contact material: Copper, silver plated. See page M-33 for additional contact materials.

NOTE: Any models supplied with Q or B contact material are RoHS compliant. For the latest information regarding RoHS compliance, please go to: www.itcannon.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-32 and M-33. For additional options not shown in catalog, consult Customer Service Center.

<p>Switch and lock Function</p> <p>PM0613 SP, 90°, Index, keypull pos. 1</p> <p>PM061U SP, 90° Index, keypull pos. 1 & 3</p>	<p>Keying</p> <p>E Two nickel plated brass keys with insert molded plastic head</p>	<p>Lock Type</p> <p>B 5 Tumbler lock with detent</p>	<p>Lock Finish</p> <p>M Plastic lock with matte finish</p>	<p>Terminations</p> <p>05 Quick connect</p> <p>WC Wire lead</p>	<p>Lock Style</p> <p>K Cone shaped facing</p>	<p>Contact Material</p> <p>Q Silver</p> <p>B Gold</p>	<p>Lock Color</p> <p>2 Black</p>	<p>Key Color</p> <p>2 Black</p>
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Switchlock



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

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

SWITCH AND LOCK FUNCTION



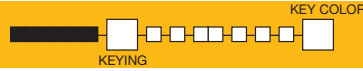
NO. POLES	MODEL NO.	SWITCH FUNCTION		KEY PULL POSITIONS	LOCK CONFIGURATION	INDEXING
		POS. 1	POS. 2			
SP	PM0613	OFF	ON	Positions 1, 2 & 3		90°
	PM061U			Positions 1 & 2		
SP <p>Part number shown: PM0613EBM05KQ22</p>						

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

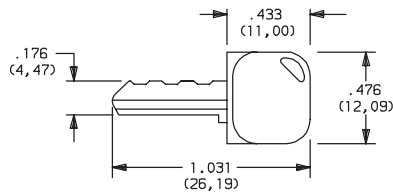
LEGEND

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

KEYING



E TWO NICKEL PLATED BRASS KEYS WITH INSERT MOLDED PLASTIC HEAD

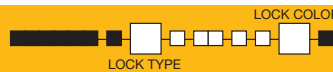


Key part number: 334C1004102

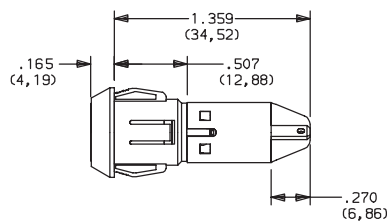
OPTION CODE	KEY COLOR
2	BLACK

NOTE: Molded plastic head color is black, standard. For more than one key code, replacement keys, or other special features, consult Customer Service Center.

LOCK TYPE



B 5 TUMBLER LOCK WITH DETENT



OPTION CODE	LOCK COLOR
2	BLACK



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



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

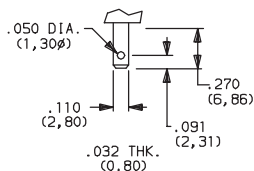
LOCK FINISH

M PLASTIC LOCK WITH MATTE FINISH

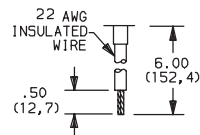


TERMINATIONS

05 QUICK CONNECT



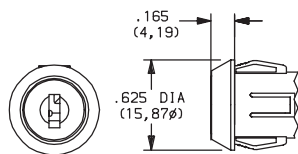
WC WIRE LEAD



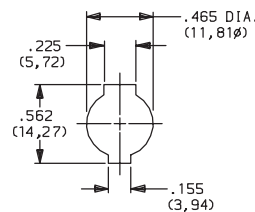
UL style 1015.
Black wire standard, other colors and lengths available,
consult Customer Service Center.

LOCK STYLE

K CONE SHAPED FACING



PANEL MOUNTING



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

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), 4 AMPS @ 125 V AC; or 2 AMPS @ 250 V AC; T65 (VDE).
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

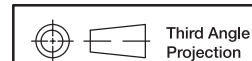


Key Code: 041

PART NO. (ONE KEY)

334C1004102 BLACK

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



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



M

Switchlock