

# P Series

## 4 Tumbler Snap-in Switchlocks



### Features/Benefits

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

### Typical Applications

- Computers
- Business machines
- Communication equipment



### Specifications

CONTACT RATING: Q contact material: 4 AMPS @ 125 V AC; 1 AMP @ 250 V AC (UL/CSA). See page M-20 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<sup>9</sup> Ω min.

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

INDEXING: 45° or 90°, 2-3 positions.

### Materials

SWITCH HOUSING & LOCK: One piece construction, 6/6 Nylon (UL 94V-2), black  
4 disc tumbler mechanism.

KEYS: One nickel plated brass key and one key with insert molded plastic head.

TUMBLERS: Disc tumblers, brass.

CONTACTS & TERMINALS: Q contact material: Copper, silver plated. See page M-20 for additional contact materials.

**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 M-19 through M-21. For additional options not shown in catalog, consult Customer Service Center.



Switchlock

#### Switch and Lock Function

- P10113** SP, 90° Index, keypull pos. 1
- P20113** DP, 90° Index, keypull pos. 1
- P100AF** SP, 45° Index, keypull pos. 1, 2 & 3
- P200AF** DP, 45° Index, keypull pos. 1, 2 & 3
- P1011U** SP, 90° Index, keypull pos. 1 & 2

#### Keying

- 2** Two nickel plated brass keys
- T** One nickel plated brass key with insert molded plastic square head and one nickel plated brass key

#### Lock Type

- C** 4 Tumbler lock with detent

#### Lock Finish

- M** Plastic lock with matte finish

#### Terminations

- 03** Solder lug
- WC** Wire lead

#### Contact Material

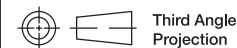
- Q** Silver
- G** Gold over silver

#### Lock Color

- 2** Black

#### Key Color

- 2** Black
- NONE** Nickel plated brass



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

# P Series

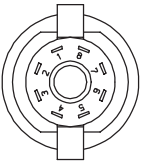
## 4 Tumbler Snap-in Switchlocks

### SWITCH AND LOCK FUNCTION



| NO. POLES | MODEL NO.                      | CONNECTED TERMINALS |                 |                 | KEY PULL POSITIONS | LOCK CONFIGURATION | INDEXING |
|-----------|--------------------------------|---------------------|-----------------|-----------------|--------------------|--------------------|----------|
|           |                                | POS. 1              | POS. 2          | POS. 3          |                    |                    |          |
| SP<br>DP  | <b>P10113</b><br><b>P20113</b> | 8-1<br>8-1, 4-5     | 1-3<br>1-3, 5-7 |                 | Position 1         |                    | 90°      |
| DP        | <b>P100AF</b><br><b>P200AF</b> | 8-1<br>8-1, 4-5     | 1-2<br>1-2, 5-6 | 2-3<br>2-3, 6-7 | Positions 1, 2 & 3 |                    | 45°      |
| SP        | <b>P1011U</b>                  | 8-1                 | 1-3             |                 | Positions 1 & 2    |                    | 90°      |

#### TERMINAL NUMBERS

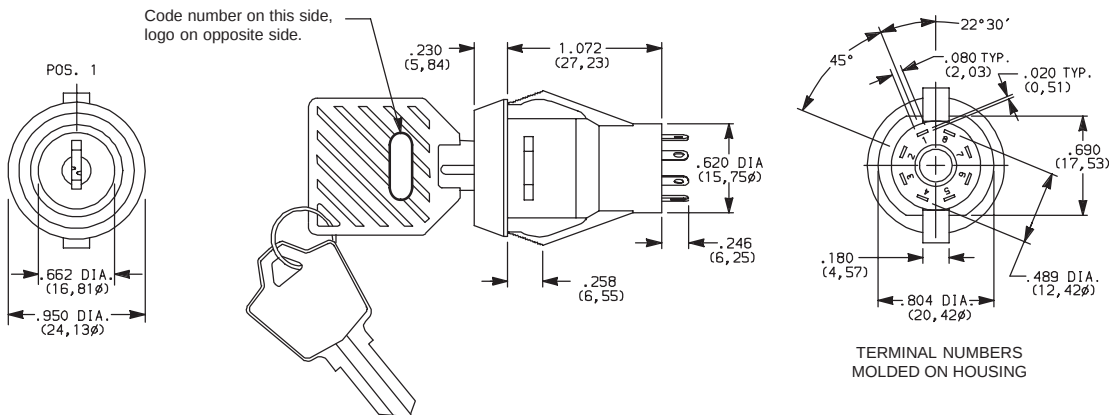


Terminal numbers molded on housing.

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

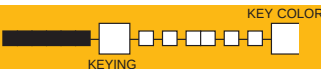
#### LEGEND

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



Part number shown: P100AFTCM03Q22

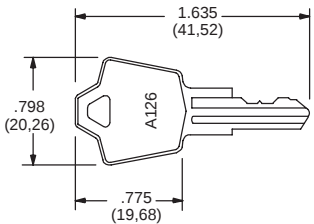
### KEYING



| OPTION CODE | KEYING OPTIONS                                                                               | CODE NO. ON KEY | CODE NO. ON LOCK |
|-------------|----------------------------------------------------------------------------------------------|-----------------|------------------|
| <b>2</b>    | 2 NICKEL PLATED BRASS KEYS                                                                   | YES             | NO               |
| <b>T</b>    | 1 NICKEL PLATED BRASS KEY WITH PLASTIC INSERT MOLDED SQUARE HEAD & 1 NICKEL PLATED BRASS KEY | YES             | NO               |

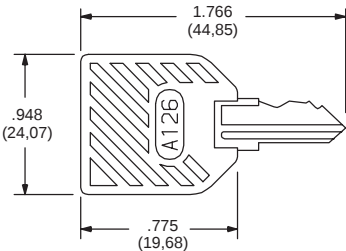
| OPTION CODE | KEY COLOR           |
|-------------|---------------------|
| <b>2</b>    | BLACK               |
| <b>NONE</b> | NICKEL PLATED BRASS |

#### NICKEL PLATED BRASS KEY



Key part number: 115140126

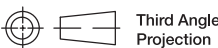
#### NICKEL PLATED BRASS KEY WITH PLASTIC INSERT MOLDED SQUARE HEAD



Key part number: 11599112602

**NOTE:** Key head shape subject to change without notice.

**NOTE:** All orders keyed alike with code number on key, 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



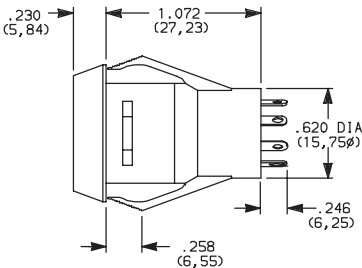
Switchlock

# P Series

## 4 Tumbler Snap-in Switchlocks

### LOCK TYPE

**C** 4 TUMBLER LOCK WITH DETENT



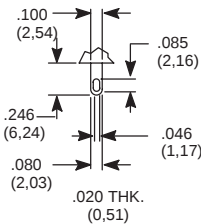
| OPTION CODE | LOCK COLOR |
|-------------|------------|
| <b>2</b>    | BLACK      |

### LOCK FINISH

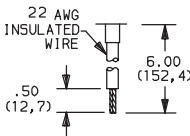
**M** PLASTIC LOCK WITH MATTE FINISH

### TERMINATIONS

**03** SOLDER LUG

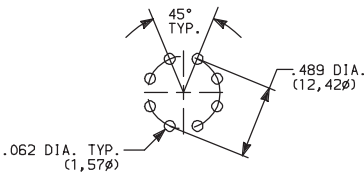


**WC** WIRE LEAD

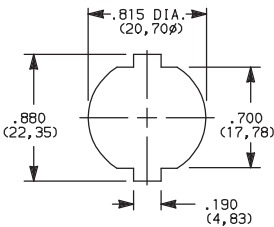


Black wire standard, other colors, gages and lengths available, consult Customer Service Center. UL style 1015.

#### PC MOUNTING



#### PANEL MOUNTING



Panel Thickness: .100-.200 (2,54-5,08)

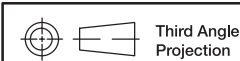
### CONTACT MATERIAL

| OPTION CODE | RoHS COMPLIANT* | RoHS COMPATIBLE* | CONTACT AND TERMINAL MATERIAL | RATING                         |                                                                                  |
|-------------|-----------------|------------------|-------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| <b>Q</b>    | YES             | YES              | SILVER <sup>2</sup>           | POWER                          | 4 AMPS @ 125 V AC; 1 AMP @ 250 V AC (UL/CSA)                                     |
| <b>G</b>    | YES             | YES              | GOLD OVER SILVER <sup>3</sup> | LOW LEVEL/DRY CIRCUIT OR POWER | 0.4 VA MAX. @ 20 V AC or DC MAX. or 4 AMPS @ 125 V AC; 1 AMP @ 250 V AC (UL/CSA) |

\* Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

<sup>2</sup> CONTACTS & TERMINALS: Copper, silver plated (standard with all termination options).  
<sup>3</sup> CONTACTS & TERMINALS: Copper, with gold plate over silver plate.

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



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

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AVAILABLE HARDWARE



Key Code: A126  
**PART NO.** (ONE KEY)  
**115140126**  
**Material:** Brass  
Finish: Nickel plate



Key Code: A126  
**PART NO.** (ONE KEY)  
**11599112602** BLACK  
**Material:** Brass  
Finish: Nickel plate  
6/6 Nylon insert molded head



Switchlock



Dimensions are shown: Inch (mm)  
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