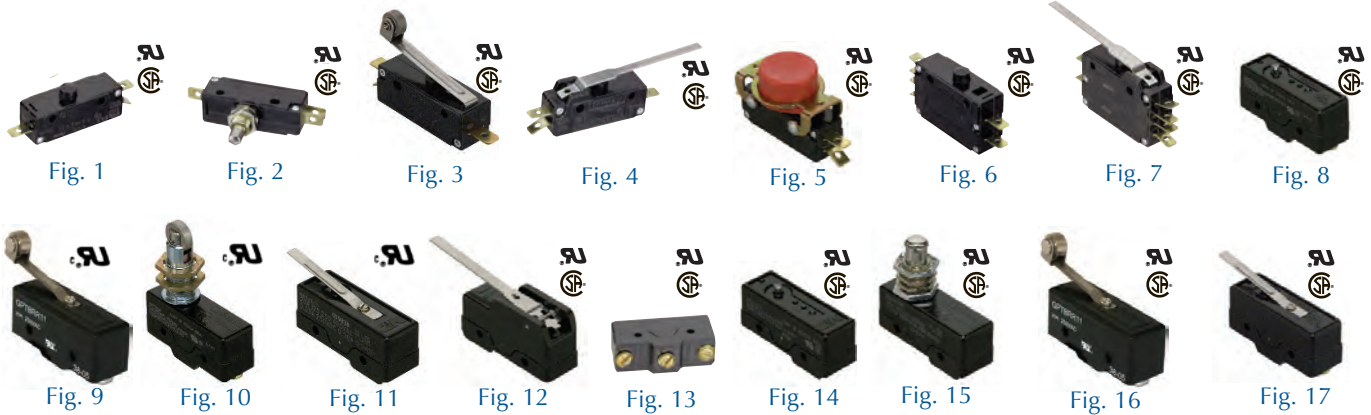


## GENERAL PURPOSE SNAP ACTION



| Retail Part No. | Bulk Part No. | Fig. No. | Amps **VAC | Amps 125 VDC | Amps 250 VDC | HP 125 VAC | HP 250 VAC | PT Max. (In) | OT Min. (In) | DT Max. (In) | OF Max. Oz. (grams) | Actuator | Actuator Length (In) | Terminal Type | Spec Drawing Page No. |
|-----------------|---------------|----------|------------|--------------|--------------|------------|------------|--------------|--------------|--------------|---------------------|----------|----------------------|---------------|-----------------------|
| 35-461          | 35-461-BU     | 1        | 15         |              |              | 3/4        | 1-1/2      | 0.050        | 0.050        | 0.010        | 20 (567)            | PI       |                      | QC .250"      | 297-A                 |
| 35-462          | 35-462-BU     | 2        | 15         |              |              | 3/4        | 1-1/2      | 0.050        | 0.187        | 0.010        | 20 (567)            | PI w/OT  |                      | QC .250"      | 297-B                 |
| 35-463          | 35-463-BU     | 3        | 15         |              |              | 3/4        | 1-1/2      | 0.281        | 0.062        | 0.094        | 20 (567)            | Ro       | 1.50                 | QC .250"      | 297-C                 |
| 35-464          | 35-464-BU     | 4        | 15         |              |              | 3/4        | 1-1/2      | 0.312        | 0.187        | 0.062        | 20 (567)            | Lever    | 2.50                 | QC .250"      | 297-D                 |
| 35-830          | 35-830-BU     | 5        | 15         |              |              | 3/4        | 1-1/2      | 0.050        | 0.050        | 0.010        | 20 (567)            | Red Pb   |                      | QC .250"      | 297-E                 |
| 35-831          | 35-831-BU     | 5        | 15         |              |              | 3/4        | 1-1/2      | 0.050        | 0.050        | 0.010        | 20 (567)            | Black Pb |                      | QC .250"      | 297-E                 |
| 35-990          | 35-990-BU     | *6       | 15         |              |              | 3/4        | 1-1/2      | 0.050        | 0.050        | 0.010        | 30 (850)            | PI       |                      | QC .250"      | 297-F                 |
| 35-992          | 35-992-BU     | *7       | 15         |              |              | 3/4        | 1-1/2      | 0.312        | 0.187        | 0.062        | 30 (850)            | Lever    | 2.50                 | QC .250"      | 297-F                 |
| 35-3900         | 35-3900-BU    | 8        | 15         |              |              | 1/8        | 1/4        | 0.016        | 0.005        | 0.002        | 12.3 (350)          | PP       |                      | Sc            | 297-G                 |
| 35-3901         | 35-3901-BU    | 8        | 15         | 1/2          | 1/4          |            |            | 0.016        | 0.005        | 0.002        | 12.3 (350)          | PP       |                      | Sc            | 297-G                 |
| 35-3907         | 35-3907-BU    | 9        | 15         |              |              |            |            | 0.158        | 0.063        | 0.002        | 5.3 (151)           | LRO      | 1.783                | Sc            | 297-O                 |
| 35-3910         | 35-3910-BU    | 10       | 20         | 1/2          | 1/4          | 1          | 2          | 0.028        | 0.140        | 0.008        | 22.9 (650)          | RP       |                      | Sc            | 297-I                 |
| 35-3911         | 35-3911-BU    | 10       | 15         |              |              |            |            | 0.016        | 0.140        | 0.002        | 12.3 (349)          | RP       |                      | Sc            | 297-I                 |
| 35-828          | 35-828-BU     | 11       | 20         | 1/2          | 1/4          | 1          | 2          | 0.156        | 0.062        | 0.050        | 5-13 (142-370)      | LL       | 1.95                 | Sc            | 297-H                 |
| 35-829          | 35-829-BU     | 11       | 15         | 1/2          | 1/4          | 1          | 2          | 0.156        | 0.062        | 0.050        | 5-13 (142-370)      | LL       | 1.97                 | Sd            | 297-H                 |
| 35-890          | 35-890-BU     | 12       | 20         | 1/2          | 1/4          |            |            | 0.380        | 0.190        | 0.156        | 3.5-26 (100-740)    | Lever    | 2.50                 | Sc            | 297-J                 |
| 35-892          | 35-892-BU     | 13       | 20         | 1/2          | 1/4          | 1          | 2          | 0.020        | 0.055        | 0.002        | 12.3 (350)          | SP       |                      | Sd/Sc         | 297-K&L               |
| 35-894          | 35-894-BU     | 14       | 20         | 1/2          | 1/4          | 1          | 2          | 0.020        | 0.005        | 0.002        | 12.3 (350)          | PP       |                      | Sd/Sc         | 297-L                 |
| 35-896          | 35-896-BU     | 15       | 20         | 1/2          | 1/4          | 1          | 2          | 0.020        | 0.063        | 0.002        | 12.3 (350)          | PI w/OT  |                      | Sd/Sc         | 297-M                 |
| 35-980          | 35-980-BU     | 14       | 20         | 1/2          | 1/4          |            |            | 0.030        | 0.005        | 0.005        | 26 (740)            | PP       |                      | Sd/Sc         | 297-L                 |
| 35-982          | 35-982-BU     | 15       | 20         | 1/2          | 1/4          |            |            | 0.030        | 0.220        | 0.005        | 26 (740)            | PI       |                      | Sd/Sc         | 297-M                 |
| 35-984          | 35-984-BU     | 12       | 20         | 1/2          | 1/4          |            |            | 0.380        | 0.190        | 0.047        | 2.5-9 (60-255)      | Lever    | 2.50                 | Sd/Sc         | 297-J                 |
| 35-987          | 35-987-BU     | 16       | 20         | 1/2          | 1/4          | 1/2        | 1          | 0.468        | 0.062        | 0.085        | 3.5 (100)           | Ro       | 1.91                 | Sc            | 297-N                 |
| 35-3903         | 35-3903-BU    | 13       | 20         | 1/2          | 1/4          | 3/4        | 1 1/2      | 0.020        | 0.055        | 0.002        | 12.3 (350)          | SP       |                      | Sc            | 297-K                 |
| 35-3904         | 35-3904-BU    | 17       | 20         | 1/2          | 1/4          | 1/2        | 1          | 0.158        | 0.062        | 0.050        | 5.3 (150)           | LL       | 1.95                 | Sc            | 297-H                 |
| 35-3906         | 35-3906-BU    | 16       | 20         | 1/2          | 1/4          | 1          | 2          | 0.156        | 0.062        | 0.050        | 5-13 (142-370)      | LRO      | 1.78                 | Sc            | 297-O                 |

Notes: All of the above have momentary action

\*DPDT

\*\*125/250VAC

All have SPDT, but 35-990 & 35-992

DT=Differential Travel

HP=Horse Power

HRo=Hinged Roller

LRO=Leaf Rollers

LL=Leaf Lever

OF=Operating Force

OT=Over Travel

Pb=Pushbuttons

PI=Plunger

PT=Pre-Travel

QC=Quick Connect

RP=Roller Plunger

Sc=Screw

Sd=Solder

ShRo=Short Roller

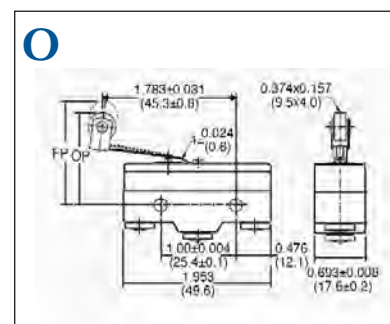
SP=Stub Plunger

PP=Pin Plunger

Ro=Roller

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.

## Switches



## GENERAL PURPOSE SNAP ACTION (Cont.)



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

| Retail Part No. | Bulk Part No. | Fig. No. | Amps **VAC | Amps 125 VDC | Amps 250 VDC | HP 125 VAC | HP 250 VAC | PT Max. (In) | OT Min. (In) | DT Max. (In) | OF Max. Oz. (grams) | Actuator    | Actuator Length (In) | Terminal Type | Spec Drawing Page No. |
|-----------------|---------------|----------|------------|--------------|--------------|------------|------------|--------------|--------------|--------------|---------------------|-------------|----------------------|---------------|-----------------------|
| 35-3908         | 35-3908-BU    | 1        | 20         | 1/2          | 1/4          | 3/4        | 1-1/2      | 0.025        | 0.22         | 0.002        | 20 (567)            | High OT Pl  |                      | Sc            | 299-A                 |
| 35-3914         | 35-3914-BU    | 2        | 20         | 1/2          | 1/4          | 3/4        | 1-1/2      | 0.020        | 0.062        | 0.002        | 13 (368)            | Small OT Pl |                      | Sc            | 299-A                 |
| 35-3916         | 35-3916-BU    | 3        | 20         | 1/2          | 1/4          | 3/4        | 1-1/2      | 0.380        | 0.190        | 0.078        | 2.5-18 (71-510)     | Lever       | 2.34                 | Sc            | 299-B                 |
| 35-3920         | 35-3920-BU    | 4        | 20         | 1/2          | 1/4          | 3/4        | 1 1/2      | 0.080        | 0.090        | 0.008        | 10-13 (284-370)     | RARO        | 0.65                 | Sd/Sc         | 299-C                 |
| 35-3921         | 35-3921-BU    | 4        | 20         | 1/2          | 1/4          | N/R        | N/R        | 0.080        | 0.090        | 0.008        | 10-13 (284-370)     | RARO        | 0.65                 | Sd/Sc         | 299-C                 |
| 35-3922         | 35-3922-BU    | 5        | 20         | 1/2          | 1/4          | 1/2        | 1          |              | 0.094        | 0.020        | 18 (510)            | HRo         | 0.91                 | Sc            | 299-D                 |

Notes: All of the above have momentary action  
 \*\*125/250/480VAC  
 All have SPDT

DT=Differential Travel  
 HP=Horse Power  
 HRo=Hinged Roller  
 LRo=Leaf Rollers  
 LL=Leaf Lever

OF=Operating Force  
 OT=Over Travel  
 Pb=Pushbuttons  
 Pl.=Plunger

PT=Pre-Travel  
 QC=Quick Connect  
 RP=Roller Plunger  
 Sc=Screw  
 RARO=Reverse Action Roller

Sd=Solder  
 SP=Stub Plunger  
 PP=Pin Plunger  
 Ro=Roller

## KEYLOCK SWITCHES



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10



Fig. 11

| Retail Part No. | Bulk Part No. | Fig. No. | Poles/Throws | Amps 125 VAC | Action     | Index | Lock Type             | Key Removal | Actuator          | Terminal Type | Mounting Hole (In) | Hardware | Spec Drawing Page No. |
|-----------------|---------------|----------|--------------|--------------|------------|-------|-----------------------|-------------|-------------------|---------------|--------------------|----------|-----------------------|
| 35-196          | 35-196-BU     | 6        | SPST         | 2.5*         | On/Off     | 90°   | 5 disk tumbler        | 2 Pos.      | Metal Key††       | Sc            | 0.875              | ***      | 299-E                 |
| 35-3190         | 35-3190-BU    | 7        | SPDT         | 4            | On/On      | 90°   | 4 tumbler w/detent    | 2 Pos.      | Metal Key†        | Sd Lug        | 0.760 x 0.640      | N, 2Keys | 299-G                 |
| 35-3192         | 35-3192-BU    | 7        | DPDT         | 4            | On/On      | 90°   | 4 tumbler w/detent    | 2 Pos.      | Metal Key†        | Sd Lug        | 0.760              | N, 2Keys | 299-G                 |
| 35-3193         | 35-3193-BU    | 8        | SPDT         | 4            | On/On      | 90°   | 6 tumbler w/tube lock | 2 Pos.      | Metal Barrel Key† | 6" WL         | 0.760 x 0.640      | N, 2Keys | 299-H                 |
| 35-3194         | 35-3194-BU    | 8        | SPDT         | 4            | On/On      | 90°   | 6 tumbler w/tube lock | 1 Pos.      | Metal Barrel Key† | 6" WL         | 0.760 x 0.640      | N, 2Keys | 299-H                 |
| 35-3195         | 35-3195-BU    | 9        | SPDT         | 4            | On(On)     | 45°   | 4 tumbler             | 1 Pos.      | Metal Key†        | 6" WL         | 0.760 x 0.640      | N, 2Keys | 299-F                 |
| 35-3197         | 35-3197-BU    | 10       | SP3T         | 4            | **         | 45°   | 4 tumbler             | 1 Pos.      | Metal Key†        | Sd Lug        | 0.760 x 0.640      | N, 2Keys | 299-G                 |
| 35-3482         |               | 11       | SPDT         | ****         | Off/On(On) | 90°   | 5 tumbler             | 1 Pos.      | Metal Key†        | Sc            | 0.844              | N, 2Keys | 299-I                 |

Notes: \*Rated @ 2.5Amps 120VAC (480V.A.)  
 \*\*SP-3 pos. On1 - Off - On2  
 \*\*\*Nut, 2 Screws, Ring, and 2 Keys  
 35-196 is rated @ 2.5A @120VAC (480V.A.),  
 2.1amps @46VDC (96V.A.), all of the rest are rated  
 @ 2A @250VAC/4A @ 28VDC, except 35-3482  
 \*\*\*\*35-3482 is rated @ 15A 6-12VDC-2 Position SPDT

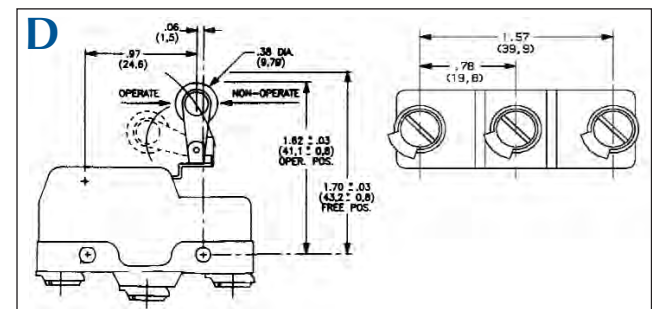
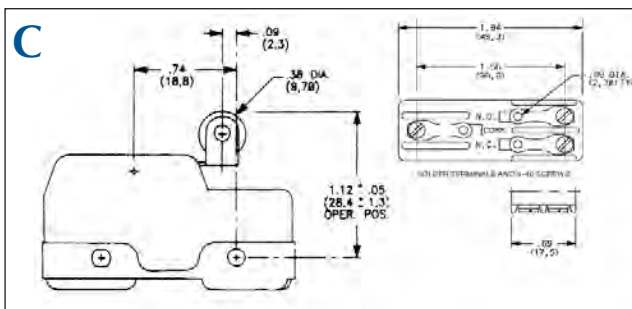
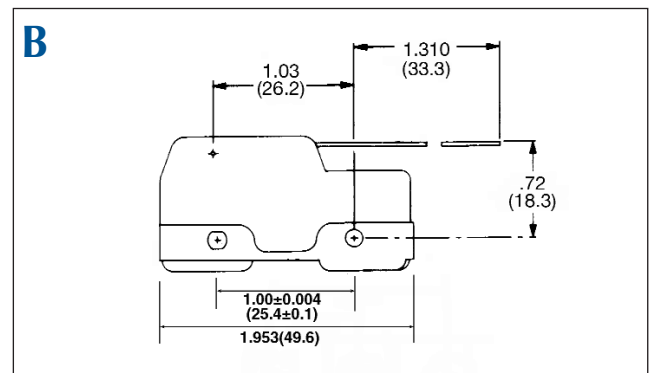
**Keys(2) included in Hardware**  
 N=Nut  
 Pos.=Positions  
 Sc=Screw  
 Sd=Solder  
 WL=Wire Leads  
 †=All keyed alike per figure

††=For 35-196 switches all keyed alike order:  
 Key#530=35-530-BU  
 Key#531=35-531-BU  
 Key#540=35-540-BU  
 Key#541=35-541-BU  
 Key#550=35-550-BU  
 Key#553=35-553-BU

#1110801 Keys for 35-3193 & 35-3194

#115140126 Keys for 35-3190, 35-3192, 35-3195 & 35-3197

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.



Technical drawings of the Rod Head Cam Lock. The top drawing shows a side view with dimensions: 1.68 (42.8) for the total length, .75 (19) for the distance from the end to the first pin, .906 (23) for the pin diameter, .03 (76) for the pin length, and 3/4-24 THD for the pin thread. The bottom drawing shows a top view with dimensions: 1.25 (31.7) for the overall width, .625 (15.8) for the pin diameter, and A and B for the distances from the center to the pin heads. The side view also shows dimensions .875 (22.2) for the distance from the center to the pin head and .162 (4.11) for the pin head diameter.

