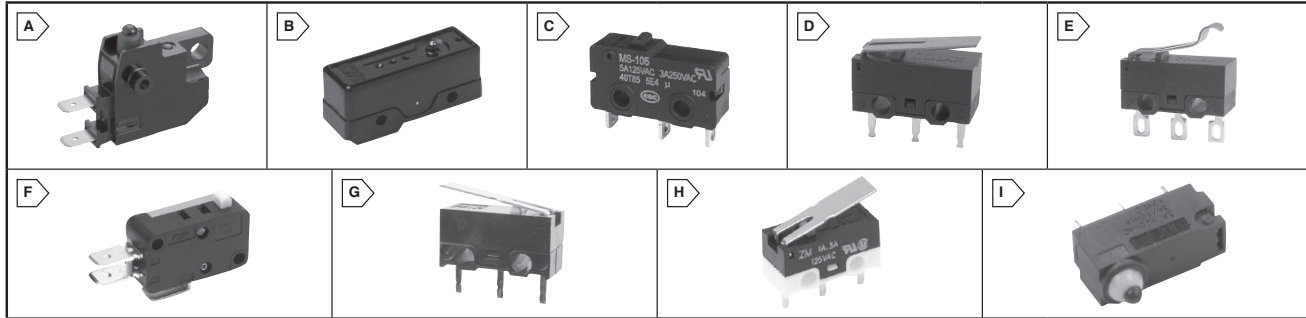


# Snap Action Switches

This page of product is RoHS compliant.



## ALPS SDDH SERIES: IP68 WATER RESISTANT SNAP ACTION SWITCH

**Features:**

- Compatible with broad rating range from weak to medium currents (10mA to 4.5A)
- Terminal tab (#187) pitch is 9.2mm, improving insulation
- Snap action contact mechanism provides clear-cut clicking feel
- Dimensions (WxDxH): 28.5 x 9.0 x 2.43mm

**Applications:**

- Motorbike stop lamp on/off switching
- Power switching/detection applications in sports mobiles (e.g. buggies and personal watercraft), ship-related applications, or other applications requiring water resistance
- Power switching/detection applications in agricultural, industrial or other equipment requiring high water resistance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Alps Part No.	Fig.	Operating Force	Rating		Circuit Configuration	Price Each			
				Min.	Max.		1	25	50	100
688-SDHA10100	SDDHA10100	A	4.6N Max.	12VDC 10mA	12VDC 4.5A	SPST(Normally closed)	7.51	6.76	6.01	5.72

## C&K HB SERIES: SINGLE POLE STANDARD PRECISION SNAP-ACTING SWITCH

**Features/Benefits:**

- Low differential travel, high repeatability
- Long life—150,000 cycles typical
- Single and double pole circuitry
- Sealed actuator and case

**Typical Applications:**

- Thermostats
- Industrial controls
- Motors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	C&K Part No.	Fig.	Operating Force	Electrical Rating	Actuator	Termination	Price Each		
							1	25	100
611-HBS2KCB4SD011C	HBS2KCB4SD011C	B	13 oz./368 grams	20A @ 125 & 250, 480VAC; 0.25A @ 250VDC; 0.5 A @ 125VDC	Stub plunger	Flat base, solder, terminals & 4-40 screws	15.80	14.96	12.88

## C&K MS SERIES: MICRO SNAP-ACTING SWITCHES

**Specifications:**

- Contact Form : SPDT

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	C&K Part No.	Fig.	Operating Force	Electrical Rating	Actuator	Termination	Price Each		
							1	25	100
611-MS-105A01H	MS-105A01H	C	230 gf	125 VAC	Plunger, Pin	Solder Lug	2.19	2.01	1.60
611-MS-118305-G	MS-118305-G	D	25 gf	30VDC	Lever	PC/Wire Wrap	.83	.748	.686
611-MS-118405-H	MS-118405-H	E	25 gf	30VDC	Lever	Solder Lug	1.11	1.01	.924

## C&K TM SERIES: MINIATURE SNAP-ACTING SWITCHES

**Features/Benefits:**

- Broad range of operating forces available
- Wide variety of actuator and terminal styles
- Cost-effective solution
- High electrical life up to 15A

**Typical Applications:**

- Pumps and motors
- White goods
- Consumer appliance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	C&K Part No.	Fig.	Operating Force	Electrical Rating	Actuator	Termination	Price Each		
							1	25	50
611-TMCGD6SA1040C	TMCGD6SA1040C	F	2.65 oz./75 grams	10A @ 125 & 250VAC; 1/3HP @ 125 & 250V AC; 1/2A @ 125VDC; 1/4A @ 250VDC	.81" lever, roller, high force	.187 Quick Connect	5.75	4.43	4.26

## C&K ZMA SERIES: SUBMINIATURE SNAP-ACTING SWITCHES

**Features/Benefits:**

- Reliable snap-acting mechanism
- Long electrical and mechanical life
- Compact size—Ideal when space is limited
- Various PCB terminals and actuators
- SPDT

**Typical Applications:**

- PCB detection switch
- Communication devices
- Testing equipment
- Security/Alarm systems
- Consumer electronics

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	C&K Part No.	Fig.	Operating Force	Electrical Rating	Actuator	Termination	Price Each		
							1	25	50
611-ZMA00A080L04RC	ZMA00A080L04RC	G	2.82 oz. / 80 grams	0.1A 30VDC	Lever 4.55mm	Right-footed, PC	1.10	1.02	.97
611-ZMA00A150P00LC	ZMA00A150P00LC	G	5.29 oz. / 150 grams	0.1A 30VDC	Pin plunger	Left-footed, PC	.99	.925	.875
611-ZMA00A150P00RC	ZMA00A150P00RC	G	5.29 oz. / 150 grams	0.1A 30VDC	Pin plunger	Right-footed, PC	.99	.925	.875
611-ZMA00A150S06LC	ZMA00A150S06LC	G	5.29 oz. / 150 grams	0.1A 30VDC	Simulated roller 2.03mm	Left-footed	1.36	1.27	1.21
611-ZMA00A150S06PC	ZMA00A150S06PC	G	5.29 oz. / 150 grams	0.1A 30VDC	Simulated roller 2.03mm	PC thru-hole	.98	.925	.881

## C&K ZM SERIES: SUBMINIATURE SNAP-ACTING SWITCHES

**Features/Benefits:**

- Broad range of operating forces available
- Wide variety of actuator and terminal styles
- Cost-effective solution

**Typical Applications:**

- Pumps and motors
- White goods
- Consumer appliance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	C&K Part No.	Fig.	Operating Force	Electrical Rating	Actuator	Termination	Price Each		
							1	25	50
611-ZMCHF7L3K	ZMCHF7L3K	H	90 grams	3A, 125VAC	Leaf	PC thru-hole with retention feature	1.53	1.34	1.25
611-ZMCHF7T23T	ZMCHF7T23T	H	90 grams	3A, 125VAC	Simulated roller	PC thru-hole	1.74	1.61	1.53
611-ZMCHM9T23K	ZMCHM9T23K	H	90 grams	0.2A, 60VDC	Simulated roller	PC thru-hole with retention feature	2.14	2.00	1.95
611-ZMCHM9T23T	ZMCHM9T23T	H	90 grams	0.2A, 60VDC	Simulated roller	PC thru-hole	2.01	1.74	1.64
611-ZMCJF7L0K	ZMCJF7L0K	H	150 grams	3A, 125VAC	Leaf	PC thru-hole with retention feature	1.67	1.43	1.34
611-ZMCJF7T13L	ZMCJF7T13L	H	150 grams	3A, 125VAC	Simulated roller	Left-footed, PC thru-hole	2.13	1.85	1.73

## C&K ZMS SERIES: SUBMINIATURE SNAP-ACTING SWITCH (DUST PROOF)

**Features/Benefits:**

- Reliable snap-acting mechanism
- Long electrical and mechanical life
- Compact size—Ideal when space is limited
- Various PCB terminals and actuators
- IP67 on some models

**Typical Applications:**

- PCB detection switch
- Communication devices
- Testing equipment
- Security/Alarm systems
- Consumer electronics

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	C&K Part No.	Fig.	Operating Force	Electrical Rating	Actuator	Termination	Price Each		
							1	25	50
611-ZMSL00130T11LLC	ZMSL00130T11LLC	I	130 grams / 4.59	10mA @ 12VDC	.28 simulated roller	Left form, PC thru-hole	3.21	3.00	2.84

Snap Action Switches