

W SERIES 4 & 6 TUMBLER SWITCHLOCKS



Rating: 4 AMPS @ 125 V AC; 2 AMPS @ 250 V AC (UL/CSA). 2 AMPS at 125 V AC; 1 AMP at 250 V AC, T65 (VDE). **Locks:** 45° indexing, zinc alloy with stainless steel facing std. **Keys:** Two brass keys, nickel plated and code number. **Switch Housing:** Glass filled 6/6 nylon (UL 94V-0). **Contacts & Terminals:** Copper, silver plated. **Hardware:** Mounting nut.

C&K Part No.	No. of Poles	Key Removable in Positions	Terminals	No. of Tumblers	Fig.
W200132C205AQ	DPDT	1	.110 Quick Connect Wire Leads	4	A
W200132C2WCAQ	DPDT			4	A
W200132V205AQ	DPDT			6	B
W200132V2WCAQ	DPDT			6	B

Y SERIES SWITCHLOCKS



Rating: 4 AMPS @ 125 V AC or 28 V DC; 2 AMPS @ 250 V AC (UL/CSA); **Locks:** 90° indexing, zinc alloy with stainless steel facing. 4 tumbler single bitted or 6 tumbler tubular lock mechanism. **Keys:** Two nickel plated single bitted brass keys or two chrome plated die cast zinc keys with code number. **Switch Housing & Top Plate:** Glass filled polyester (UL 94V-0); **Contacts & Terminals:** Copper, silver plated; **Hardware:** Mounting nut.

C&K Part No.	No. of Poles	Key Removable in Positions	Fig.
Y101132C203NQ	SPDT	1	C
Y1011U2C203NQ	SPDT	1 & 2	C
Y201132C203NQ	DPDT	1	C
Y2011U2C203NQ	DPDT	1 & 2	C
Y101132V203NQ	SPDT	1	D
Y1011U2V203NQ	SPDT	1 & 2	D
Y201132V203NQ	DPDT	1	D
Y2011U2V203NQ	DPDT	1 & 2	D

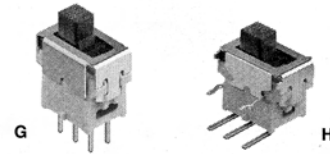
YM SERIES MINIATURE SWITCHLOCKS



Rating: 4 AMPS @ 125 V AC or 28 V DC; 2 AMPS @ 250 V AC (UL/CSA); 4 AMPS at 125 V AC; 2 AMPS at 250 V AC, T65, 10,000 cycles, class 1 (VDE); **Locks:** 90° indexing, zinc alloy with stainless steel facing standard. 4 tumbler single bitted lock. **Keys:** Two nickel plated brass keys with code number; **Contacts & Terminals:** Copper, silver plated; **Hardware:** Mounting nut.

C&K Part No.	No. of Poles	Key Removable in Positions	Terminals	Fig.
YM06132C205NQ	SPST	1	Quick Connect	E
YM06U2C205NQ		1 & 2		E
YM06132C2WCNQ		1		F
YM06U2C2WCNQ		1 & 2		F

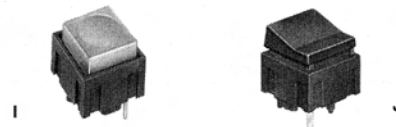
ES SERIES SEALED SUBMINIATURE SLIDE SWITCHES



Rating: 0.4 VA max. @ 20 V AC or DC max.; **Housing & Base:** Nylon (UL 94V-0); **Terminal Seal:** Epoxy; **Terminal Spacing:** 0.100"

C&K Part No.	No. of Poles	Switch Function	Fig.
ES01MCKE	SPDT	On-None-On	G
ES03MCKE	SPDT	On-Off-On	G
ES21MCKE	DPDT	On-None-On	G
ES23MCKE	DPDT	On-Off-On	G
ES01MAKE	SPDT	On-None-On	H
ES03MAKE	SPDT	On-Off-On	H
ES21MAKE	DPDT	On-None-On	H
ES23MAKE	DPDT	On-Off-On	H

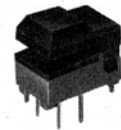
KS SERIES PUSHBUTTON KEY SWITCHES



Switch Function: SPDT Momentary with separately wired LED(s); **Rating:** 25 mA max. @ 50 V AC or DC max.; **Housing:** .480" (12,19) x .680" (17,27).

Part Number	No. of Poles	Switch Function	Fig.
KS11R21CQD	SPST	Off-Mom.	I
KS11R22CQD	SPST	Off-Mom.	I
KS11R23CQD	SPST	Off-Mom.	I
KS12R21CQD	SPDT	On-Mom.	I
KS12R22CQD	SPDT	On-Mom.	I
KS11R21CBD	SPST	Off-Mom.	I
KS11R22CBD	SPST	Off-Mom.	I

MP SERIES MECHANICAL PUSHBUTTON SWITCHES



Switch Function: SPDT momentary with separately wired LED(s). **Rating:** 0.4 VA max. @ 20 V AC or DC max.; **Housing:** .480" (12,19) x .680" (17,27).

C&K Part Number	No. of LEDs	LED Color	Switch Function	Fig.
MP01R01CBE	None		SPDT Mom. entary	K
MP01R02CBE	None			K
MP01R113CBE	1	Red		
MP01R123CBE	1	Red		
MP01R2133CBE	2	Red, Red	SPDT Mom.	K
MP01R2233CBE	2	Red, Red		K
MP01R2236CBE	1	Red, Green		K
MP01S01CBE	None		SPDT Mom.	K
MP01S02CBE	None			K
MP01S113CBE	1	Red		
MP01S123CBE	1	Red		
MP01S2133CBE	2	Red, Red		
MP01S2233CBE	2	Red, Red		
MP01S2236CBE	2	Red, Green		

TD SERIES 0.050" PITCH SURFACE MOUNT DIP SWITCHES



Tape sealed, surface mountable, SPST DIP switches are .098" high. Can withstand vapor phase and IR soldering to 260°C. Rating: 0.4 VA at 20 V DC.

C&K Part No.	No. of Positions	Body Length
TD04H0SK1	4	0.250"
TD06H0SK1	6	0.350"
TD08H0SK1	8	0.450"
TD10H0SK1	10	0.550"

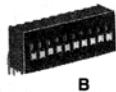
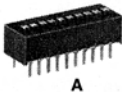
BP SERIES SIDE ACTUATED DIP SWITCHES



SPST DIPs are .315" high. Rating: Carry-100 mA max. at 50 V DC; Switch-100 mA max. at 5 V DC or 25 mA max. at 25 V DC. Contacts: Gold over nickel over phosphor bronze.

C&K Part No.	No. Positions	Overall Length (In.)
BP01KE	1	.217
BP02KE	2	.315
BP03KE	3	.413
BP04KE	4	.512
BP05KE	5	.610
BP06KE	6	.709
BP07KE	7	.807
BP08KE	8	.906
BP10KE	10	1.102
BP12KE	12	1.299

BD SERIES STANDARD PROFILE DIP SWITCHES



SPST BDXX is .30" high, SPST BDAV is .38" high. Rating: Carry-100 mA max. at 50 V DC. Switch-100 mA max. at 5 V DC or 25 mA max. at 25 V DC. Washable design. Wiping contacts. Tin-lead terminals.

C&K Part No.	No. Positions	Overall Length (In.)	Fig.
BD01	1	.180	A
BD02	2	.280	A
BD03	3	.380	A
BD04	4	.480	A
BD05	5	.580	A
BD06	6	.680	A
BD07	7	.780	A
BD08	8	.880	A
BD09	9	.980	A
BD10	10	1.080	A
BD12	12	1.280	A
BD02AV	2	.280	B
BD03AV	3	.380	B
BD04AV	4	.480	B
BD05AV	5	.580	B
BD06AV	6	.680	B
BD07AV	7	.780	B
BD08AV	8	.880	B
BD10AV	10	1.080	B
BD12AV	12	1.280	B

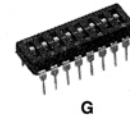
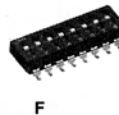
CD SERIES DIP CODED ROTARY SWITCHES



8mm square x 4 mm high. Sealed for wave soldering, surface mounting and cleaning process. Rating: 0.4 VA max. @ 20 V AC or DC max. Life Expectancy: 20,000 position changes. Case, cover and actuator are high temperature UL 94V-0 material. M0: flush actuator, L1: extended shaft actuator. To order knob actuator, replace "L1" with "K1".

C&K Part No.	No. Positions	Circuit	Fig.
CD08RM0AK	08	BCD	C
CD08RM0CK	08	BCD	E
CD08CM0AK	08	BCD complement	C
CD08CM0CK	08	BCD complement	E
CD08RL1AK	08	BCD	C
CD08RL1CK	08	BCD	E
CD08CL1AK	08	BCD complement	C
CD08CL1CK	08	BCD complement	E
CD10RM0AK	10	BCD	C
CD10RM0CK	10	BCD	E
CD10CM0AK	10	BCD complement	C
CD10CM0CK	10	BCD complement	E
CD10RL1AK	10	BCD	C
CD10RL1CK	10	BCD	E
CD10CL1AK	10	BCD complement	C
CD10CL1CK	10	BCD complement	E
CD16RM0AK	16	Hexadecimal	C
CD16RM0CK	16	Hexadecimal	E
CD16CM0AK	16	Hexadecimal complement	C
CD16CM0CK	16	Hexadecimal complement	E
CD16RL1AK	16	Hexadecimal	C
CD16RL1CK	16	Hexadecimal	E
CD16CL1AK	16	Hexadecimal complement	C
CD16CL1CK	16	Hexadecimal complement	E
CD10RM0SK	10	BCD	D
CD10CM0SK	10	BCD complement	D
CD16RM0SK	16	Hexadecimal	D
CD16CM0SK	16	Hexadecimal complement	D

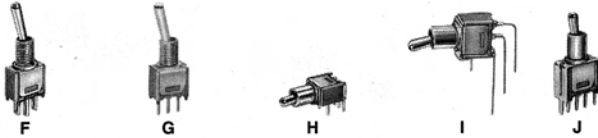
SD SERIES LOW PROFILE DIP SWITCHES



Tape sealed, low profile SPST DIP switches withstand soldering and cleaning processes. "SK" models are surface mount. H0: flush actuator. To order extended actuator, replace "H0" with "H1". Rating: 100 mA max. @ 20 V DC for 2000 cycles. Terminals are tin-lead.

C&K Part No.	No. Positions	Overall Length (In.)	Fig.
SD02H0SK	2	.258	F
SD03H0SK	3	.358	F
SD04H0SK	4	.458	F
SD05H0SK	5	.558	F
SD06H0SK	6	.658	F
SD07H0SK	7	.758	F
SD08H0SK	8	.858	F
SD09H0SK	9	.958	F
SD10H0SK	10	1.058	F
SD12H0SK	12	1.258	F
SD02H0K	2	.258	G
SD03H0K	3	.358	G
SD04H0K	4	.458	G
SD05H0K	5	.558	G
SD06H0K	6	.658	G
SD07H0K	7	.758	G
SD08H0K	8	.858	G
SD09H0K	9	.958	G
SD10H0K	10	1.058	G
SD12H0K	12	1.258	G

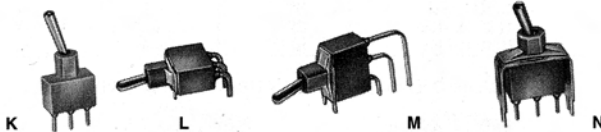
T SERIES TINY TOGGLE SWITCHES



Figs. F & G Rating: 3 Amps at 120 V AC or 28 V DC—models with ON-NONE-ON function; all others 2 Amps at 120 V AC or 28 V DC (UL). **Mounting Hole:** .195" (4,95) dia. **Figs. H, I & J Rating:** 0.4 VA max. at 20 V AC or DC max. Epoxy seal. Spacing 0.1". **Toggle:** Brass, chrome plated. **Case:** UL 94V-0.

C&K Part No.	No. Poles	Switch Function	Fig.
T101SHZQE	SPDT	On-None-On	F
T103SHZQE	SPDT	On-Off-On	F
T105SHZQE	SPDT	Mom-Off-Mom	F
T107SHZQE	SPDT	On-Off-Mom	F
T108SHZQE	SPDT	On-None-Mom	F
T201SHZQE	DPDT	On-None-On	F
T203SHZQE	DPDT	On-Off-On	F
T101SHCQE	SPDT	On-None-On	G
T103SHCQE	SPDT	On-Off-On	G
T105SHCQE	SPDT	Mom-Off-Mom	G
T201SHCQE	DPDT	On-None-On	G
T203SHCQE	DPDT	On-Off-On	G
T101MH9ABE	SPDT	On-None-On	H
T103MH9ABE	SPDT	On-Off-On	H
T105MH9ABE	SPDT	Mom-Off-Mom	H
T107MH9ABE	SPDT	On-Off-Mom	H
T108MH9ABE	SPDT	On-None-Mom	H
T201MH9ABE	DPDT	On-None-On	H
T203MH9ABE	DPDT	On-Off-On	H
T205MH9ABE	DPDT	Mom-Off-Mom	H
T101MH9AVBE	SPDT	On-None-On	I
T103MH9AVBE	SPDT	On-Off-On	I
T105MH9AVBE	SPDT	Mom-Off-Mom	I
T107MH9AVBE	SPDT	On-Off-Mom	I
T108MH9AVBE	SPDT	On-None-Mom	I
T201MH9AVBE	DPDT	On-None-On	I
T101MH9V3BE	SPDT	On-None-On	J
T103MH9V3BE	SPDT	On-Off-On	J
T201MH9V3BE	DPDT	On-None-On	J

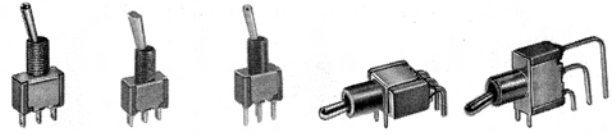
E SERIES PC-MOUNTED SEALED TOGGLE SWITCHES



Toggle: Brass, chrome plated with internal o-ring seal. **Case & Bushing:** UL 94V-0. **Rating:** 0.4 VA max. at 20 V AC or DC max. **Contacts & Terminals:** Copper alloy with gold plate over nickel plate, epoxy seal, spacing: .185 (4,70) typ. **Switch Support:** Brass or steel, tin plated.

C&K Part No.	No. of Poles	Switch Function	Fig.
E101SD1CBE	SPDT	On-None-On	K
E103SD1CBE	SPDT	On-Off-On	K
E105SD1CBE	SPDT	Mom-Off-Mom	K
E107SD1CBE	SPDT	On-Off-Mom	K
E201SD1CBE	DPDT	On-None-On	K
E203SD1CBE	DPDT	On-Off-On	K
E205SD1CBE	DPDT	Mom-Off-Mom	K
E211SD1CBE	DPDT	On-On-On	K
E101MD1ABE	SPDT	On-None-On	L
E103MD1ABE	SPDT	On-Off-On	L
E105MD1ABE	SPDT	Mom-Off-Mom	L
E107MD1ABE	SPDT	On-Off-Mom	L
E201MD1ABE	DPDT	On-None-On	L
E101MD1AV2BE	SPDT	On-None-On	M
E103MD1AV2BE	SPDT	On-Off-On	M
E105MD1AV2BE	SPDT	Mom-Off-Mom	M
E107MD1AV2BE	SPDT	On-Off-Mom	M
E201MD1AV2BE	DPDT	On-None-On	M
E211MD1AV2BE	DPDT	On-On-On	M
E101MD1V3BE	SPDT	On-None-On	N
E201MD1V3BE	DPDT	On-None-On	N

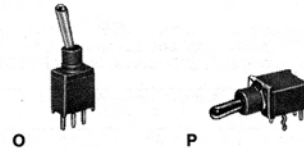
7000 SERIES TOGGLE SWITCHES



Rating: Q Models: 5 Amps at 120 V AC or 28 V DC; 2 Amps at 250 V AC. B models: 0.4 VA max. at 20 V AC or DC max. Epoxy seal. **Mounting Hole:** All except Fig. D: .250" (6,35) dia.; Fig D: .469" (11,91) dia. Terminal spacing .185" (4,70) typ.

C&K Part No.	No. Poles	Switch Function Open-Closed	Fig.
7101SYZQE	SPDT	On-None-On	A
7103SYZQE	SPDT	On-Off-On	A
7105SYZQE	SPDT	Mom-Off-Mom	A
7107SYZQE	SPDT	On-Off-Mom	A
7201SYZQE	DPDT	On-None-On	A
7203SYZQE	DPDT	On-Off-On	A
7205SYZQE	DPDT	Mom-Off-Mom	A
7207SYZQE	DPDT	On-Off-Mom	A
7211SYZQE	DPDT	On-On-On	A
7213SYZQE	DPDT	On-On-Mom	A
7215SYZQE	DPDT	Mom-On-Mom	A
7101P3YZQE	SPDT	On-None-On	B
7103P3YZQE	SPDT	On-Off-On	B
7105P3YZQE	SPDT	Mom-Off-Mom	B
7107P3YZQE	SPDT	On-Off-Mom	B
7201P3YZQE	DPDT	On-None-On	B
7203P3YZQE	DPDT	On-Off-On	B
7101SYCQE	SPDT	On-None-On	C
7103SYCQE	SPDT	On-Off-On	C
7105SYCQE	SPDT	Mom-Off-Mom	C
7107SYCQE	SPDT	On-Off-Mom	C
7201SYCQE	DPDT	On-None-On	C
7203SYCQE	DPDT	On-Off-On	C
7205SYCQE	DPDT	Mom-Off-Mom	C
7101MD9ABE	SPDT	On-None-On	D
7103MD9ABE	SPDT	On-Off-On	D
7105MD9ABE	SPDT	Mom-Off-Mom	D
7107MD9ABE	SPDT	On-Off-Mom	D
7201MD9ABE	DPDT	On-None-On	D
7203MD9ABE	DPDT	On-Off-On	D
7101MD9AV2BE	SPDT	On-None-On	E
7103MD9AV2BE	SPDT	On-Off-On	E
7107MD9AV2BE	SPDT	On-Off-Mom	E
7201MD9AV2BE	DPDT	On-None-On	E
7205MD9AV2BE	DPDT	Mom-Off-Mom	E

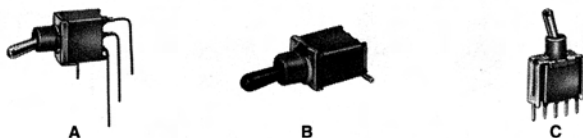
ET SERIES SEALED TINY TOGGLE SWITCHES



Rating: 0.4 VA max. at 20 V AC or DC max. Epoxy seal, spacing 0.1" (2,54) typ. **Toggle:** Brass, chrome plated with internal o-ring seal. ET Series continued on next page.

C&K Part No.	No. Poles	Switch Function	Fig.
ET01SD1CBE	SPDT	On-None-On	O
ET02SD1CBE	SPDT	Off-None-On	O
ET03SD1CBE	SPDT	On-Off-On	O
ET05SD1CBE	SPDT	Mom-Off-Mom	O
ET07SD1CBE	SPDT	On-Off-Mom	O
ET08SD1CBE	SPDT	On-None-Mom	O
ET21SD1CBE	DPDT	On-None-On	O
ET01MD1ABE	SPDT	On-None-On	P
ET03MD1ABE	SPDT	On-Off-On	P
ET05MD1ABE	SPDT	Mom-Off-Mom	P
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ET08MD1ABE	SPDT	On-None-Mom	P
ET21MD1ABE	DPDT	On-None-On	P

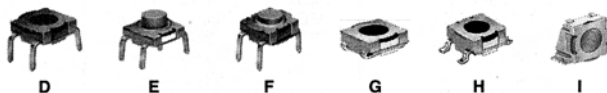
ET SERIES SEALED TINY TOGGLE SWITCHES



Rating: 0.4 VA max. @ 20V AC or DC max.; Epoxy seal. **Spacing:** .100" (2,54) typ. **Toggle:** Brass, chrome plated with internal o-ring seal. Mom=momentary.

C&K Part No.	No. Poles	Switch Function	Fig.
ET01MD1AVBE	SPDT	On-None-On	A
ET02MD1AVBE	SPST	Off-None-On	A
ET03MD1AVBE	SPDT	On-Off-On	A
ET01MD1SAKE	SPDT	On-Off-On	B
ET03MD1SAKE	SPDT	Mom.-Off-Mom.	B
ET05MD1SAKE	SPDT	On-Off-Mom.	B
ET01MD1V3BE	SPDT	Off-None-On	C
ET03MD1V3BE	SPDT	On-Off-On	C
ET05MD1V3BE	SPDT	Mom.-Off-Mom.	C

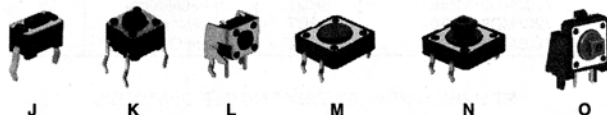
KT SERIES SEALED MINIATURE TACTILE SWITCHES



Housing: .245" (6,22) x .251" (6,38). **Rating:** 1.0 VA max. at 50 V AC or DC max. Models with J, S or SA options are surface mount.

C&K Part No.	No. Poles	Switch Function	Actuator Height	Fig.
KT11B0CM	SPST	Off-Mom.	Flush	D
KT11P2CM			.093 (2,36)	E
KT11P3CM			.044 (1,12)	F
KT11B0JM			Flush	G
KT11P2JM			.093 (2,36)	G
KT11P3JM			.044 (1,12)	G
KT11B0SM			Flush	H
KT11P2SM			.093 (2,36)	H
KT11P3SM			.044 (1,12)	H
KT11B0SAM			Flush	I
KT11P2SA1M			.093 (2,36)	I
KT11P4SA1M			.156 (3,96)	I

PTS SERIES SUBMINIATURE TACTILE SWITCHES



Tactile feel, PC mountable pushbutton switches. SPST normally open momentary. **Rating:** 50 mA @ 12 V DC. **Mechanical and Electrical Life:** 25,000 operations for PTS635S and PTS453S/T models; 200,000 operations for PTS645S models.

C&K Part No.	Operating Force	Switch Dimensions L x W x H	Actuator Color	ESD PIN	Fig.
PTS635SL43	130	.236 x .138 x .169	Black	No	J
PTS645SL43	130	.236 x .236 x .169	Black	No	K
PTS645SL50	130	.236 x .138 x .169	Black	No	K
PTS645SL70	130	.236 x .236 x .169	Black	No	K
PTS645TL43	130	.236 x .236 x .169	Black	Yes	K
PTS645VL31	130	.295 x .256 x .124	Black	No	L
PTS125SM43	160	.472 x .472 x .169	Gray	No	M
PTS125JM73	160	.472 x .472 x .169	Gray	No	N
PTS125JM73	160	.519 x .524 x .587	Gray	No	O

GP SERIES SEALED ULTRA-MINIATURE SURFACE MOUNT PUSHBUTTON SWITCHES



Rating: 0.4 VA max. at 20 V AC or DC max. **Switch Support:** Brass, tin plated. **Movable Contact:** Beryllium copper, with gold plate over nickel plate. **Stationary Contacts:** Copper alloy, with gold plate over nickel plate. **Terminals:** Copper alloy, with tin-lead alloy over nickel plate, epoxy seal. All terminals insert molded. *Images shown are surface mount models

TP SERIES TINY PUSHBUTTON SWITCHES

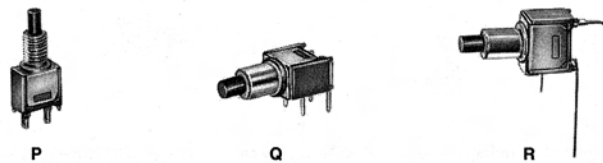
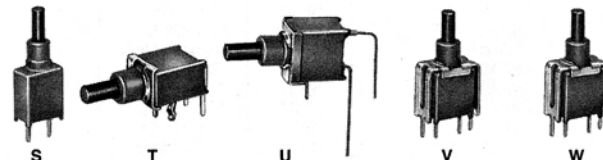


Fig. P Rating: 1 AMP @ 120 V AC or 28 V DC; **Figs. Q & P Rating:** 0.4 VA max. @ 20 V AC or DC max. **Hardware:** Nut, locking ring, lockwasher. Mounting Hole: .195" (4,95) dia. Mom. = Momentary.

Part No.	Action	Switch Function	Fig.
TP11SHZQE	SPST	Off-Mom.	P
TP12SHZQE	SPDT	On-Mom.	P
TP11SH8ABE	SPST	On-Mom.	P
TP12SH8ABE	SPDT	On-Mom.	Q
TP11SH8AVBE	SPST	On-Mom.	R
TP11SH9ABE	SPST	Off-Mom.	Q
TP12SH9ABE	SPDT	On-Mom.	R
TP11SH9AVBE	SPST	Off-Mom.	R
TP12SH9AVBE	SPDT	On-Mom.	R

EP SERIES SEALED TINY PUSHBUTTON SWITCHES



Rating: 0.4 VA max. @ 20V AC or DC max. Epoxy seal. Spacing .100" (2,54) typ.

C&K Part No.	No. Poles	Switch Function	Fig.
EP11SD1CBE	SPST	Off-Mom.	S
EP12SD1CBE	SPDT	On-Mom.	S
EP11SD1ABE	SPST	Off-Mom.	T
EP12SD1ABE	SPDT	On-Mom.	T
EP11SD1AVBE	SPST	Off-Mom.	U
EP12SD1AVBE	SPDT	On-Mom.	U
EP11SD1V3BE	SPST	Off-Mom.	V
EP12SD1V3BE	SPDT	On-Mom.	V
EP11SD1SAKE	SPST	Off-Mom.	W
EP12SD1SAKE	SPDT	On-Mom.	W

8500 SERIES SUBMINIATURE PUSHBUTTON SWITCHES

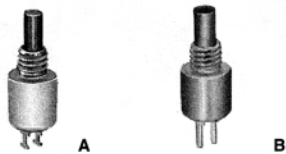


Contact Rating: 853X Models: 1 AMP @ 120 V AC or 28 V DC (UL); 855X Models: 3 AMPS @ 120 V AC or 28 V DC (UL). Mounting Hole: .250" and .469" (11,91 dia.) = Momentary

C&K Part No.	No. Poles	Switch Function	Fig.
8511MZQE2	SPST	Off-(On)	X
8531MCQE2		Off-(On)	
8532MCQE2		Off-(On)	
8533MCQE2		On-(Off)	
8534MCQE2		On-(Off)	Y
8531TCQE2		Off-(On)	
8551TCQE2		Off-(On)	

C&K Part No.	No. Poles	Switch Function	Fig.
GP11MCKE	SPST	Off-Mom	Z
GP12MCKE	SPDT	On-Mom	Z
GP12MAKE	SPDT	On-Mom	AA
GP11MSAKE	SPST	Off-Mom	BB
GP12MSAKE	SPDT	On-Mom	CC

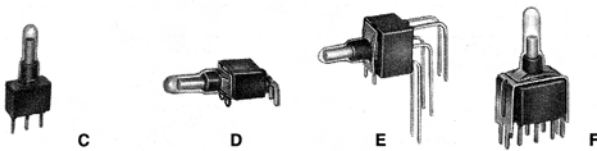
8600 SERIES MICROMINIATURE PUSHBUTTON SWITCHES



Rating—All Suffix—B Models: 0.4 VA max. at 20 V AC or DC max. **All 8632 Suffix Q Models:** 500 mA at 120 V AC or 28 V DC, 250 mA at 250 V AC (UL). **All 8633 Suffix Q Models:** 250 mA at 120 V AC or 28 V DC, 125 mA at 250 V AC. **Mounting Hole:** .172" (4,37) dia. () = momentary.

C&K Part No.	No. Poles	Switch Function Open-Closed	Fig.
8631ZQD2	SPST	Off-(On)	A
8631ZBD2	SPST	Off-(On)	A
8632ZQD2	SPST	Off-(On)	A
8633ZQE2	SPST	On-(Off)	A
8633ZBE2	SPST	On-(Off)	A
8631CQD2	SPST	Off-(On)	B
8631CBD2	SPST	Off-(On)	B
8632CQD2	SPST	Off-(On)	B
8632CBD2	SPST	Off-(On)	B

E020 SERIES SEALED SNAP-ACTING MOMENTARY PUSHBUTTON SWITCHES



EX21 Models—Rating: 0.4 VA max. at 20 V AC or DC max. or 1 Amp at 20 V AC or 28 V DC. **EX25 Models—Rating:** 0.4 VA max. at 20 V AC or DC max. **Terminal Spacing:** .185" (4,70) typ.

C&K Part No.	No. Poles	Switch Function	Fig.
E121SD1CGE	SPDT	On-Mom	C
E125SD1CBE	SPDT	On-Mom	C
E221SD1CGE	DPDT	On-Mom	C
E225SD1CBE	DPDT	On-Mom	C
E121SD1AGE	SPDT	On-Mom	D
E125SD1ABE	SPDT	On-Mom	D
E121SD1AV2GE	SPDT	On-Mom	E
E125SD1AV2BE	SPDT	On-Mom	E
E221SD1AV2GE	DPDT	On-Mom	E
E121SD1V3GE	SPDT	On-Mom	F
E125SD1V3BE	SPDT	On-Mom	F
E225SD1V3BE	DPDT	On-Mom	F

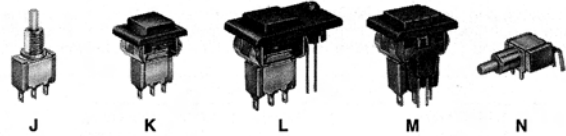
KN SERIES ULTRA-MINIATURE TACTILE SWITCHES



Rating: 1.0VA max. @ 5 - V DC min. SPST normally open, momentary. **Body Height:** KN11 - 1.6mm; KN01 - 1.63mm. Supplied in tape & reel packaging.

C&K Part No.	Operating Force	Operating Life
KN11B1FJM	120g	100K cycles
KN11B1DJM	200g	200K cycles
KN11B1NJM	450g	100K cycles
KN01P1DSAQ	200g	100K cycles
KN01P3LSAQ	400g	100K cycles

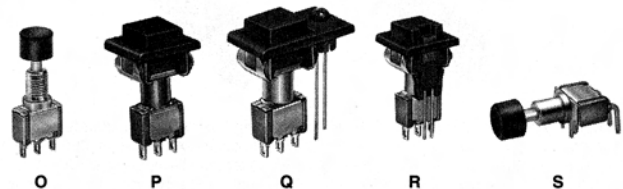
8020 SERIES SNAP-ACTING MOMENTARY PUSHBUTTON SWITCHES



8 x 21 Models—Rating: 1 Amp at 120 V AC or 28 V DC or 0.4 VA max. at 20 V AC or DC max. **8 x 25 Models—Rating:** 0.4 VA max. at 20 V AC or DC max. Epoxy seal. Terminal spacing: .185" (4,70) typ. **Hardware:** Nut, locking ring and lockwasher.

C&K Part No.	No. Poles	Switch Function Open-Closed	Fig.
8121SHZGE	SPST	On-Mom.	J
8125SHZBE	SPST	On-Mom.	J
8221SHZGE	DPDT	On-Mom.	J
8225SHZBE	DPDT	On-Mom.	J
8321SHZGE	3PDT	On-Mom.	J
8325SHZBE	3PDT	On-Mom.	J
8421SHZGE	4PDT	On-Mom.	J
8425SHZBE	4PDT	On-Mom.	J
8121J81ZGE22	SPDT	On-Mom.	K
8125J81ZBE22	SPDT	On-Mom.	K
8221J81ZGE22	DPDT	On-Mom.	K
8225J81ZBE22	DPDT	On-Mom.	K
8125J82ZBE22	SPDT	On-Mom.	L
8121J85ZGE223	SPDT	On-Mom.	M
8121SD9AGE	SPST	On-Mom.	N
8221SD9AGE	DPDT	On-Mom.	N
8125SD8ABE	SPDT	On-Mom.	N
8125SD9ABE	SPDT	On-Mom.	N

8060 SERIES PC MOUNTED ALTERNATE ACTION OR SNAP-ACTING MOMENTARY PUSHBUTTON SWITCHES



Rating: B = 0.4 VA max. at 20 V AC or DC max. Epoxy seal. G = 0.4 VA max. at 20 V AC or DC max. or 6 Amps at 120 V AC or 28 V DC; 3 Amps at 250 V AC (UL/CSA). Q = 6 Amps @ 120 V AC or 28 V DC; 3 Amps @ 250 V AC; Mom. = momentary. Terminal Spacing: 0.185" (4,70). * PC mount, right angle.

C&K Part No.	No. of Poles	Switch Function Open-Closed	Fig.
Alternate Action			
*8161SH9ABE2	SPDT	On-On	S
*8261SH9ABE2	DPDT	On-On	S
8161SHZGE	SPST	On-On	O
8261SHZGE	DPDT	On-On	O
8161J81ZGE22	SPDT	On-On	P
8161J82ZGE22	SPDT	On-On	Q
8261J81ZGE22	DPDT	On-On	Q
8261J82ZGE22	DPDT	On-On	Q
8161J86ZGE223	SPST	On-On	R
8161SHZQE2	SPDT	On-On	O
8261J81ZQE22	DPDT	On-On	P
8261J82ZQE22	DPDT	On-On	Q

C&K Part No.	No. of Poles	Switch Function Open-Closed	Fig.
Snap-acting			
*8168SH9ABE2	SPDT	On-Mom.	S
8168SHZGE	SPST	On-Mom.	O
8168J81ZGE22	SPST	On-Mom.	P
8168J82ZGE22	SPDT	On-Mom.	Q
8168J86ZGE223	SPST	On-Mom.	R
8168SHZQE2	SPDT	On-Mom.	O
8168J81ZQE22	SPDT	On-Mom.	P
8168J86ZQE223	SPDT	On-Mom.	R

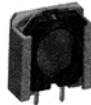
RACON 8mm/12mm SHORT TRAVEL TACTILE SWITCHES



High quality, long life momentary SPST PCB mounted keyswitches are solder-proof and washer-proof. **Operating Life:** 1,000,000 cycles minimum. Keyswitches are rated at 42 V AC or DC and 100 mA. **Actuator Height:** 5mm. Other actuator heights available.

C&K Part No.	Terminal Style	Fig.
1.14100.001	Outward terminals, 8mm square	A
1.14100.002	Inward terminals, 8mm square	A
1.14100.003	SMD terminals, 8mm square	A
1.14001.001	Outward terminals, 12mm square	B
1.14001.002	Inward terminals, 12mm square	B
1.14001.003	SMD terminals, 12mm square	B

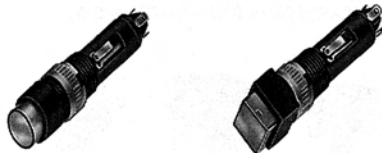
RACON 12mm VERTICAL TACTILE SWITCH



High quality, long life, PCB mounted keyswitch. **Operating Life:** Minimum 1 million cycles. **Operating Temperature:** -40°C to +80°C. **Rating:** 42 V AC or DC and 100 mA.

C&K Part No.	No. of Poles	Terminal Style
1.14001.005	SPST, Momentary	Right angle, through hole
1.14001.015	SPST, Momentary	Right angle, through hole

8.1mm LIGHTED PUSHBUTTON SWITCHES AND INDICATORS



Extremely compact design, fits .319" (8.1) mounting hole diameter, mounts with threaded ring. Round and square bezels available, color: black. **Rating:** 250 mA at 42 V AC or DC. **Electrical Life:** 10⁵ operations min. **Operating Temperature:** -25°C to +55°C. **Lamp:** T1 incandescent. **Housing:** Polyamid, with solder terminals. Complete assembly length: 1.57" (40.00). For complete assembly, order switch body, keycap or lens and lamp separately. Other keycap/lens colors, LED lamps available.

C&K Part No.	Description
1.15116.001	Round, momentary, SPST N.O.
1.15116.011	Round, maintained, SPST
1.15116.021	Square, momentary, SPST N.O.
1.15116.031	Square, maintained, SPST
1.65120.001	Round, indicator lamp
1.65120.011	Square, indicator lamp

KEYCAP—SWITCHES ONLY

5.05510.470/1303	Round, red
5.05510.470/1502	Round, green
5.05510.471/1303	Square, red
5.05510.471/1502	Square, green

LENS—INDICATORS ONLY

5.05510.359/1303	Round, red
5.05510.359/1502	Round, green
5.05510.360/1303	Square, red
5.05510.360/1502	Square, green

T1 LAMPS

1.90180.471	6V Incandescent
1.90180.472	12V Incandescent
1.90180.473	24V Incandescent

LUMOTAST® 75 SERIES LIGHTED PUSHBUTTON SWITCHES AND INDICATORS



High quality, long life SPDT and DPDT momentary and maintained pushbutton switches and indicators. Threaded mounting ring included, fits standard 0.638" (16.20) mounting hole diameter. Three bezel styles, color: black. **Rating:** 4 Amps at 250 V AC or DC. **Electrical Life:** 60,000 to 2,000,000 operations, depending on load. **Operating Temperature:** -25°C to +50°C. T-4 1/2 incandescent lamp. **Housing:** Polyamid, with solder terminals. Complete assembly length: 2.55" (65.00). For complete assembly, order switch body, keycap, diffuser and lamp separately. Additional keycap colors and LED lamps available.

C&K Part No.	Description
1.15108.451	Round, momentary, SPDT
1.15108.251	Square, momentary, SPDT
1.15108.051	Rectangular, momentary, SPDT
1.15108.551	Round, maintained, SPDT
1.15108.552	Round, maintained, DPDT
1.15108.351	Square, maintained, SPDT
1.15108.352	Square, maintained, DPDT
1.15108.151	Rectangular, maintained, SPDT
1.15108.152	Rectangular, maintained, DPDT
1.65111.071	Round, indicator lamp
1.65111.061	Square, indicator lamp
1.65111.051	Rectangular, indicator lamp

KEYCAPS

5.49257.011/1303	Round, red
5.49257.011/1502	Round, green
5.49257.036/1303	Square, red
5.49257.036/1502	Square, green
5.49257.032/1303	Rectangular, red
5.49257.032/1502	Rectangular, green

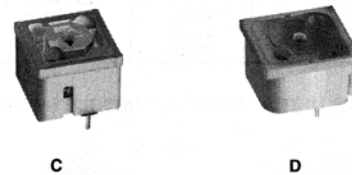
DIFFUSERS

5.72050.000/0202	Round, white
5.73013.000/0202	Square, white
5.73012.000/0202	Rectangular, white

T-4 1/2 LAMPS

1.90100.021	6V/0.3W Incandescent
1.90100.022	12V/0.48W Incandescent
1.90100.023	24V/0.48W Incandescent

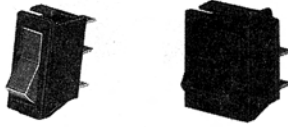
RF 15/19mm SHORT TRAVEL KEYSWITCHES



High quality, long life momentary SPST PCB mounted keyswitches available in 15mm square and 19mm square. Switches are non-illuminated. **Operating Life:** 1,000,000 cycles minimum. **Operating Temperature:** -25°C to 70°C. Gold contacts are rated to 42 V and 100 mA AC/DC; minimum power 15 W. **Actuator Height:** 9.7mm. Other actuator heights and spot- or full-illumination available.

RAFI Part No.	Terminal Style	Fig.
3.14100.001	Gold contacts, 15mm square	C
3.14100.006	Silver contacts, 15mm square	C
3.14001.001	Gold contacts, 19mm square	D
3.14001.006	Silver contacts, 19mm square	D

CA SERIES SNAP-IN ILLUMINATED POWER ROCKER SWITCHES



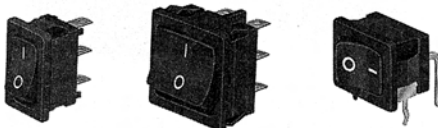
A

B

Rating: 15 Amps at 125 V AC or 28 V DC; 10 Amps at 250 V AC; 1/4 HP at 125 V AC or 250 V AC (UL/CSA). Lamp: 125 V neon. Mounting Hole: SP 1.102" (28,00) x .420" (10,67). DP 1.102" (28,00) x .866" (22,00).

C&K Part No.	No. Poles	Switch Function	Actuator Color	Housing Color	Fig.
CA04J137207Q	SPST	Off/On	Red	Black	A
CA04J137107Q	SPST	Off/On	Red	White	A
CA24J137207Q	DPST	Off/On	Red	Black	B
CA24J137107Q	DPST	Off/On	Red	White	B

D SERIES MINIATURE POWER ROCKER SWITCHES



C

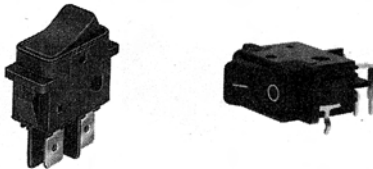
D

E

Rating: D10X and D20X Models: 4 Amps at 125 V AC, 2 Amps at 250 V AC (UL/CSA); 4(2) Amps at 125 V AC, 2(1) Amps at 250 V AC, T85 (VDE). D50X & D60X Models: 10 Amps at 125 V AC, 5 Amps at 250 V AC (UL/CSA); 10(6) Amps at 125 V AC, 5(3) Amps at 250 V AC, T85 (VDE). Terminals: .187" x .031" (4,75 x 0,79) quick connect or right angle PC with .277" (7,04) spacing.

C&K Part No. Rating at 125, 250 V AC	No. Poles	Switch Function	Fig.
D101J12S215PQF	SPDT	On-None-On	C
D102J12S215PQF	SPST	On-None-On	C
D103J12S215PQF	SPDT	On-Off-On	C
D105J12S215PQF	SPDT	Mom-Off-Mom	C
D108J12S215PQF	SPDT	On-None-Mom	C
D501J12S215PQF	SPDT	On-None-On	C
D502J12S215PQF	SPST	On-None-On	C
D503J12S215PQF	SPDT	On-Off-On	C
D508J12S215PQF	SPDT	On-None-Mom	C
D201J12S215PQF	DPDT	On-None-On	D
D203J12S215PQF	DPDT	On-Off-On	D
D601J12S215PQF	DPDT	On-None-On	D
D603J12S215PQF	DPDT	On-Off-On	D
D101J12S2APQF	SPDT	On-None-On	E
D103J12S2APQF	SPDT	On-Off-On	E

DF SERIES POWER ROCKER SWITCHES



F

G

Rating: 16 Amps at 125 V AC (UL/CSA); 16(2)/250-T100, TUV. Actuator: Nylon, black, white or gray, with on-off markings. Housing: Nylon, black. Movable Contacts: Fine silver, silver plated. Mounting Hole: If panel thickness is 0.048" to 0.078", mounting hole is 1.030" x 0.490" to 0.495".

C&K Part No.	No. Poles	Actuator Color	Fig.
DF62J12S215QF	DPST	Black	F
DF62J12S2APQF	DPST	Black	G

7000 SERIES SNAP-IN ROCKER SWITCHES



Rating: 5 Amps at 120 V AC or 28 V DC; 2 Amps at 250 V AC. Epoxy seal. Mounting Hole: .500" (12,70) x .600" (15,24).

C&K Part No.	No. Poles	Switch Function
7101J51ZQE22	SPDT	On-None-On
7103J51ZQE22	SPDT	On-Off-On
7105J51ZQE22	SPDT	Mom-Off-Mom
7107J51ZQE22	SPDT	On-Off-Mom
7108J51ZQE22	SPDT	On-None-Mom
7201J51ZQE22	DPDT	On-None-On
7203J51ZQE22	DPDT	On-Off-On
7205J51ZQE22	DPDT	Mom-Off-Mom
7207J51ZQE22	DPDT	On-Off-Mom
7208J51ZQE22	DPDT	On-None-Mom

7000 SERIES PANEL-MOUNTED ROCKER SWITCHES



Rating: 5 Amps at 120 V AC or 28 V DC; 2 Amps at 250 V AC. Epoxy seal. Mounting Hole: .937" (23,80). .707" (17,96) x .418" (10,62).

C&K Part No.	No. Poles	Switch Function
7101J1ZQE2	SPDT	On-None-On
7103J1ZQE2	SPDT	On-Off-On
7105J1ZQE2	SPDT	Mom-Off-Mom
7107J1ZQE2	SPDT	On-Off-Mom
7201J1ZQE2	DPDT	On-None-On
7203J1ZQE2	DPDT	On-Off-On
7205J1ZQE2	DPDT	Mom-Off-Mom
7207J1ZQE2	DPDT	On-Off-Mom

E SERIES SEALED ROCKER SWITCHES



Rating: 0.4 VA max. at 20 V AC or DC max. Epoxy seal, PC mount, spacing: .185" (4,70) typ. Switch Support: Brass or steel, tin plated.

C&K Part No.	No. Poles	Switch Function
E101J1V3BE2	SPDT	On-None-On
E103J1V3BE2	SPDT	On-Off-On
E105J1V3BE2	SPDT	Mom-Off-Mom
E107J1V3BE2	SPDT	On-Off-Mom
E201J1V3BE2	DPDT	On-None-On
E203J1V3BE2	DPDT	On-Off-On
E301J1V3BE2	3PDT	On-None-On
E303J1V3BE2	3PDT	On-Off-On

E SERIES PC-MOUNTED SEALED ROCKER AND LEVER HANDLE SWITCHES



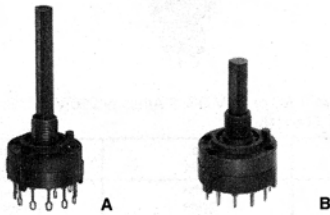
H

I

Internal o-ring seal. Rating: 0.4 VA max. at 20 V AC or DC max. Epoxy seal. Terminal spacing: .185" (4,70) typ.

C&K Part No.	No. Poles	Switch Function	Fig.
E101J1ABE2	SPDT	On-None-On	H
E103J1ABE2	SPDT	On-Off-On	H
E105J1ABE2	SPDT	Mom-Off-Mom	H
E107J1ABE2	SPDT	On-Off-Mom	H
E201J1ABE2	DPDT	On-None-On	H
E101J1AV2BE2	SPDT	On-None-On	I
E103J1AV2BE2	SPDT	On-Off-On	I
E105J1AV2BE2	SPDT	Mom-Off-Mom	I

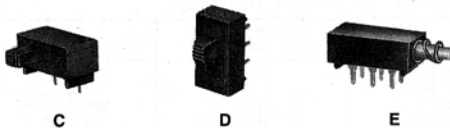
A SERIES ROTARY SWITCHES



Housing dia.: 1.031" (26,19). **Rating:** Carry—5 Amps continuous. Switch—250 mA max. at 125 V AC or DC; 150 mA at 250 V AC or DC. **Hardware:** Nut, lockwasher, stop ring.

C&K Part No.	No. of Poles	No. Positions	Fig.
A11215RNZQ	SP	12	A
A20615RNZQ	DP	6	A
A30415RNZQ	3P	4	A
A40315RNZQ	4P	3	A
A11215RNCQ	SP	12	B
A20615RNCQ	DP	6	B
A30415RNCQ	3P	4	B
A40315RNCQ	4P	3	B

L SERIES MINIATURE SLIDE SWITCHES



Rating: 4 Amps at 125 V AC or 28 V DC, 2 Amps at 250 V AC, 0.5 Amp at 125 V DC (UL/CSA). **Housing Length:** .760" (19,30).

C&K Part No.	No. of Poles	Fig.
L102021ML04Q	SPDT	C
L202011MS02Q	DPDT	D
L212132MV02Q	DPDT-MOM	E

V SERIES POWER AND VOLTAGE-SELECT SLIDE SWITCHES

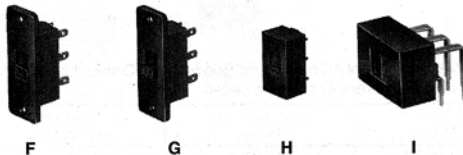


Fig. F-black, Fig. G, H & I-red. **Rating:** 10.1 Amps at 125 V AC, 5 Amps at 250 V AC (UL/CSA); 2.0 (0.5) Amps at 250 V AC. T85 (VDE). **Mounting Hole Spacing:** 1.338" (34,00).

C&K Part No.	No. Poles	Actuator Marking	Fig.
V80212SS05Q	DPDT	230/115	F
V80201SS05Q	DPDT	None	G
V80212MS02Q	DPDT	230/115	H
V80212MA08Q	DPDT	230/115	I

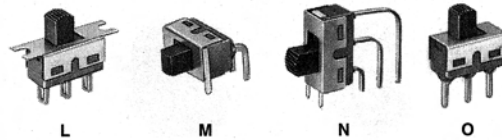
S SERIES SLIDE SWITCHES



Rating: 6 Amps at 125 V AC or 28 V DC. 6 Amps at 250 V AC, 1 Amp at 125 V DC (UL/CSA). **Mounting Hole Spacing:** 1.125" (28,58).

C&K Part No.	No. of Poles	Fig.
S102031SS03Q	SPDT	J
S102031MS02Q	SPDT	K
S202031SS03Q	DPDT	J
S202031MS02Q	DPDT	K

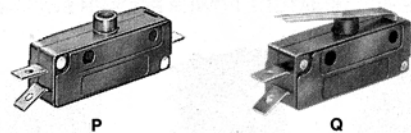
1000 SERIES SLIDE SWITCHES



Housing length: .500" (12,70). **Rating:** B models: 0.4 VA max. at 20 V AC or DC max. Q models: 6 Amps at 120 V AC or 28 V DC, 3 Amps at 250 V AC.

C&K Part No.	No. of Poles	Switch Function	Fig.
1101M1S3ZQE2	SPDT	On-None-On	L
1101M2S3ABE2	SPDT	On-None-On	M
1101M2S3AV2BE2	SPDT	On-None-On	N
1101M2S3CBE2	SPDT	On-None-On	O
1101M2S3CQE2	SPDT	On-None-On	O
1103M2S3CBE2	SPDT	On-Off-On	O
1103M2S3CQE2	SPDT	On-Off-On	O

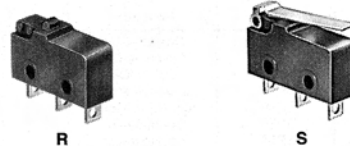
A SERIES SNAP-ACTING SWITCHES



Rating: 15 Amps at 125 & 250 V AC; 3/4 HP at 125 V AC, 1 1/2 HP at 250 V AC; SPDT. Contacts are fine silver with .250" (6,35) quick-connect terminals. Mounting holes will accept pins or screws of .139" (3,53) dia. max. on 1.000" (25,40) centers. Contact separation is .020" (0,51).

C&K Part No.	Actuators	Operate Force (ounces)	Release Force (ounces)	Fig.
ASKHC2P04AC	Pushbutton	20 max.	3 min.	P
ASKHC2L04AC	Integral leaf	12 max.	1 min.	Q

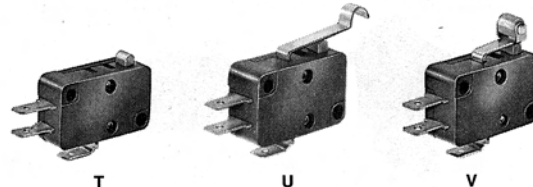
LC SERIES SUBMINIATURE SNAP-ACTING SWITCHES



SPDT function. **Rating:** 1 Amp at 125 V AC or 30 V DC. UL recognized, CSA certified, VDE approved. **Contacts:** gold over copper alloy, with solder lug terminals. Mounting holes .068" (2,25) dia. on .375" (9,53) centers.

C&K Part No.	Actuators	Operate Force (grams)	Pretravel	Fig.
LCGGX1P00EC	Pin plunger	142	.03" (0,76)	R
LCGGX1T10EC	Standard lever	48	.14" (3,56)	S

TM SERIES MINIATURE SNAP-ACTING SWITCHES



Rating: 10 Amps at 125 & 250 V AC; 1/2 HP at 125 & 250 V AC; 1/2 Amp at 125 V DC; 1/4 Amp at 250 V DC. **Mechanical Life:** 1,000,000 cycles typ. **Operating Temperature:** -67°F to +302°F (-55°C to 150°C). **Housing:** Thermoplastic or general purpose phenolic (UL 94V-0). **Actuator:** Thermoplastic (UL 94V-0). **Movable and Stationary Contacts:** fine silver. **Terminals:** Brass CDA alloy C26000.

C&K Part No.	Actuators	Operate Force (grams)	Pretravel	Fig.
TMCGD6SP0040C	Pin plunger	75	.056" (1,42)	T
TMCGD6ST1440C	Simulated roller	75	.140" (3,56)	U
TMCGD6SA1040C	Lever roller	75	.070" (1,78)	V