

LCS Series Subminiature Sealed Snap-acting Switches



Features/Benefits



- Compact design
- Long life and high electrical capacity
- Quick connect, solder terminals, PC terminals, wire leads
- Wide variety of actuator styles
- RoHS compatible, RoHS compliant
- IP67

Typical Applications

- Motorized equipment
- Sump pump
- Thermostatic controls
- Computers
- Air conditioners



Specifications

CONTACT RATING: 6 AMP, 250 V AC and
5 AMP, 125/250 V AC 
0.1 AMP, 125/250 V AC 

ELECTRICAL LIFE: 10,000 cycles

INSULATION RESISTANCE: 100 M ohm min.

DIELECTRIC STRENGTH: 1,000 VAC

OPERATING TEMPERATURE:

-40°C to +120°C (without wire)

-40°C to +85°C (with UL1007 wire)

-40°C to +105°C (with UL1015 wire)

-40°C to +105°C (with UL1430 wire)

-40°C to +80°C (with UL1061 wire)

-40°C to +120°C (with UL1330 wire)

OPERATING FORCE: (see ACTUATOR'S option sections).

MOUNTING: 2-56 screws, torque 2.3 in/lbs max.

NOTE: Specifications and materials listed above are for switches with standard options.
For information on specific and custom switches, consult Customer Service center.

Materials

SWITCH HOUSING: Thermoplastic polyester or high temperature thermoplastic (PTS) (UL 94V-0).

ACTUATOR BUTTON: Thermoplastic polyester.

SPRING: Copper alloy.

PIVOT: Copper alloy.

MOVABLE CONTACTS: Silver nickel

STATIONARY CONTACTS: Silver nickel on copper alloy.

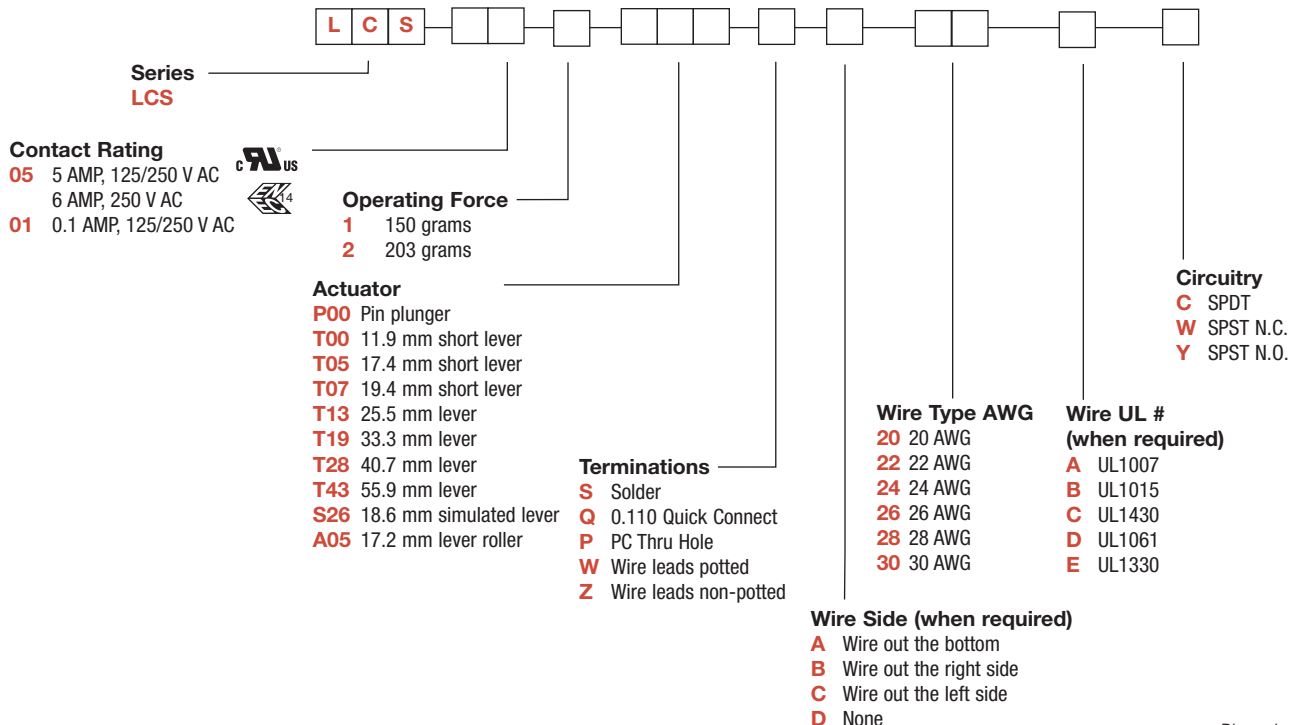
TERMINALS: Copper alloy.

ACTUATOR LEVEL: Stainless steel.

Snap-acting

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 J-27 thru J-29. For additional options not shown in catalog, consult Customer Service Center.

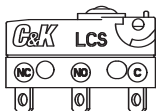


Dimensions are shown: mm
Specifications and dimensions subject to change

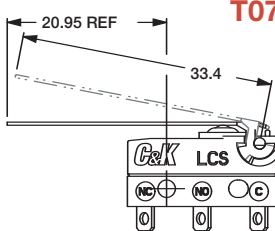
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ACTUATOR

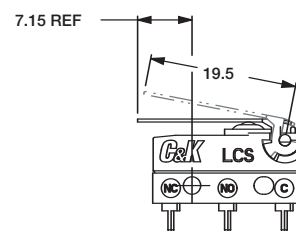
P00



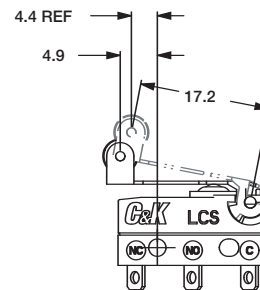
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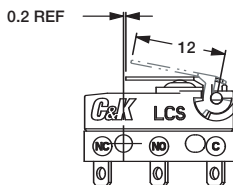
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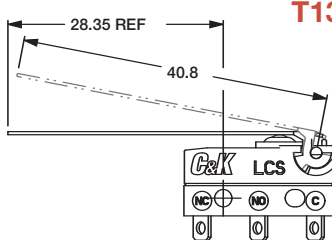
A05



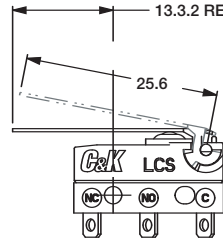
T00



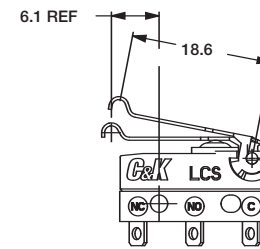
T28



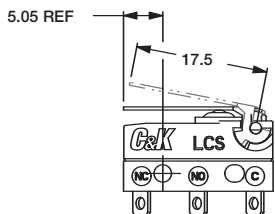
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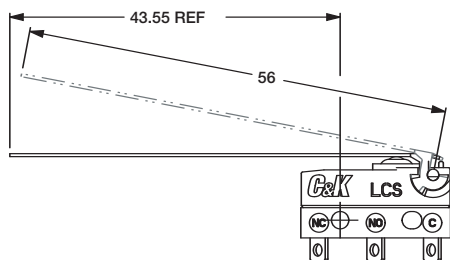
S26



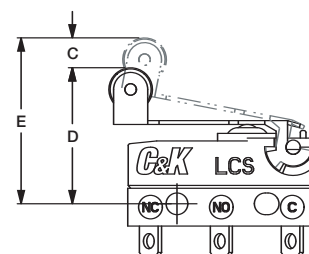
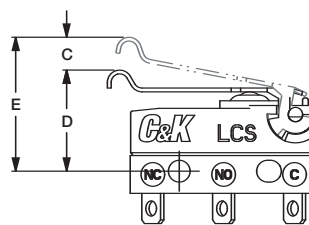
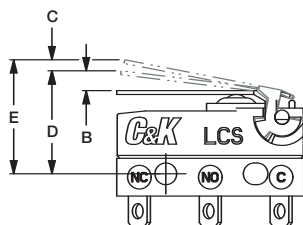
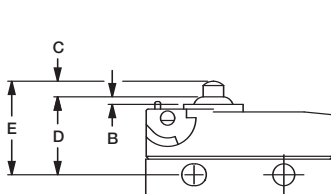
T05



T43



Snap-acting



ACTUATOR OPTION CODE	A LENGTH OF LEVER	B OVER TRAVEL (MIN)	C PRE TRAVEL (MAX)	D OPERATING POSITION	E FREE POSITION (MAX)	DIFFERENTIAL MOTION (MAX)		OPERATING FORCE (MIN)		RELEASE FORCE (MIN)	
						150	203	150	203	150	203
P00	N/A	0.6	1.2	8.4 ± 3	9.9	0.2	0.2	150	203	30	50
T00	11.9	0.6	3.2	8.8 ± 9	11.1	0.5	0.5	66	98	10	21
T05	17.40	0.9	4.3	8.8 ± 1.1	12	0.6	0.6	73	82	14	16
T07	19.40	1	4.8	8.8 ± 1.2	12.4	0.7	0.7	55	66	11	13
T13	25.5	1.6	6.3	8.8 ± 1.6	13.5	0.9	0.9	29	54	6	11
T19	33.3	1.95	8	8.8 ± 2.0	15	1.75	1.75	32	40	2	5
T28	40.7	2.1	10.1	8.8 ± 2.6	16.3	2.3	2.3	33	39	1	8
T43	55.9	2.9	13.8	8.8 ± 3.5	19.1	3.6	3.6	23	33	1	7
S26	18.6	1	4.6	10.7 ± 1.2	14.1	0.65	0.65	42	68	7	14
A05	17.20	0.9	4.3	14.5 ± 1.1	17.7	0.6	0.6	60	72	12	15



Third Angle
Projection

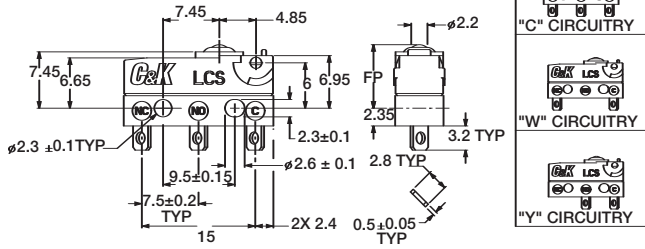
Dimensions are shown: mm
Specifications and dimensions subject to change



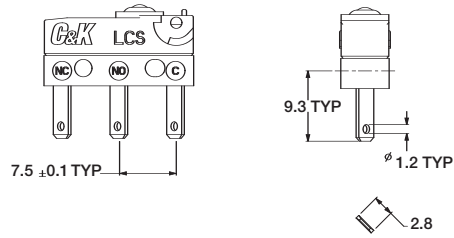
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TERMINATIONS

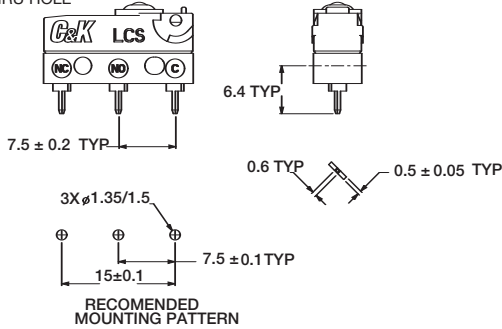
S SOLDER



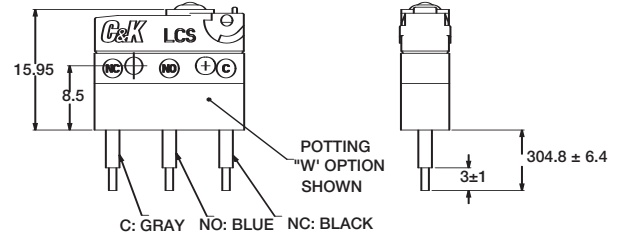
Q QUICK CONNECT 2.8mm / 0.110"



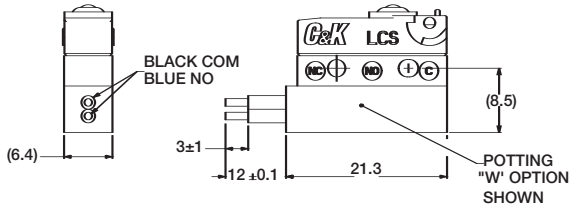
P PC THRU HOLE



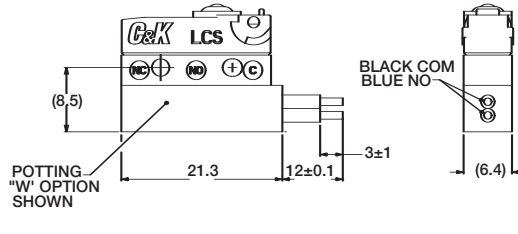
Z or W "A" WIRE ORIENTATION



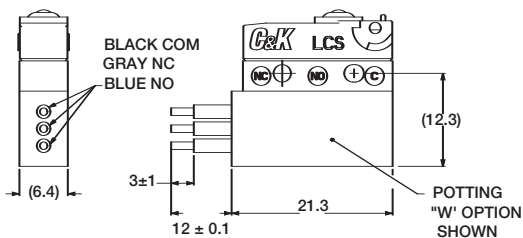
Z or W "B" WIRE ORIENTATION "Y" OR "W" CIRCUITRY



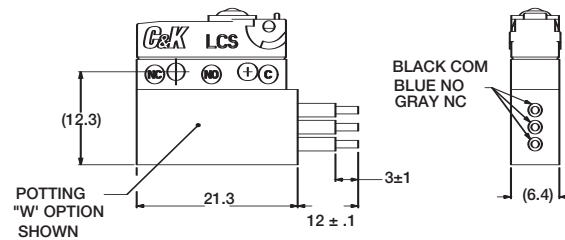
Z or W "C" WIRE ORIENTATION "Y" OR "W" CIRCUITRY



Z or W "B" WIRE ORIENTATION "C" CIRCUITRY



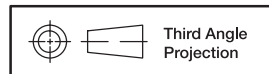
Z or W "C" WIRE ORIENTATION "C" CIRCUITRY



Snap-acting

CIRCUITRY

- C** SPDT (Single Pole, Double Throw)
- W** SPST N.C. (Single Pole, Single Throw, Normally Closed)
- Y** SPST N.O. (Single Pole, Single Throw, Normally Open)



Third Angle Projection

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