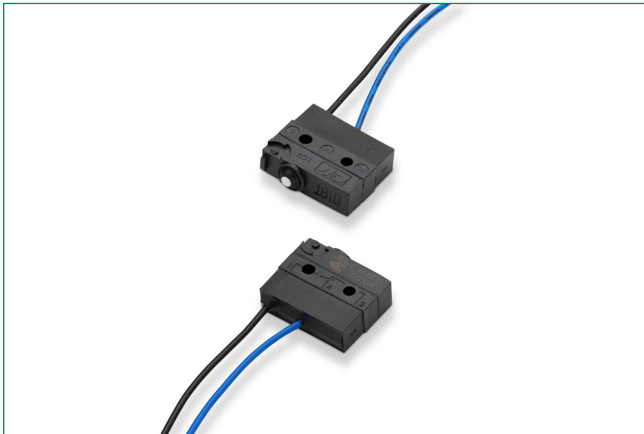




# LCS Series

## Small Size Sealed Snap-acting Switches



### Agency Approvals

Agency	Agency File Number
	E42363
	ENEC-03366

### Specifications

<b>Contact Rating</b>	From low level to 5 AMP
<b>Electrical Life</b>	10,000 cycles for 5A; 1M cycles for 0.1A
<b>Insulation Resistance</b>	100 M ohm min.
<b>Dielectric Strength</b>	1,000 VAC
<b>Operating Temperature</b>	-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)
<b>Operating Force</b>	(see ACTUATOR'S option section)
<b>Mounting</b>	2-56 screws, torque 2.3 in/lbs max.

### Description

The LCS series small size sealed snap-acting switch is used in applications for motorized equipment, sump pumps and thermostatic controls because of its ability to perform in harsh environmental conditions. The LCS series feature a compact design, quick connect features, solder terminals, PC terminals and wire leads – and give applications a long life and a high electrical capacity.

### 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 for standalone switch except the metal terminal part; Full IP67 protection when potted with wire version

### Applications

- Motorized equipment
- Sump pump
- Thermostatic controls
- Computers
- Air conditioners
- Automotive: door latch, seat position detection, EV charging

### Materials

<b>Switch Housing</b>	Thermoplastic polyester or high temperature thermoplastic (PTS) (UL 94V-0)
<b>Actuator Button</b>	Thermoplastic Polyester
<b>Spring</b>	Copper alloy
<b>Pivot</b>	Copper alloy
<b>Movable Contacts</b>	Option "01" Gold plating over silver alloy
<b>Stationary Contacts</b>	Option "05" Silver alloy
<b>Terminals</b>	Copper alloy
<b>Actuator Lever</b>	Stainless steel

#### Notes:

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

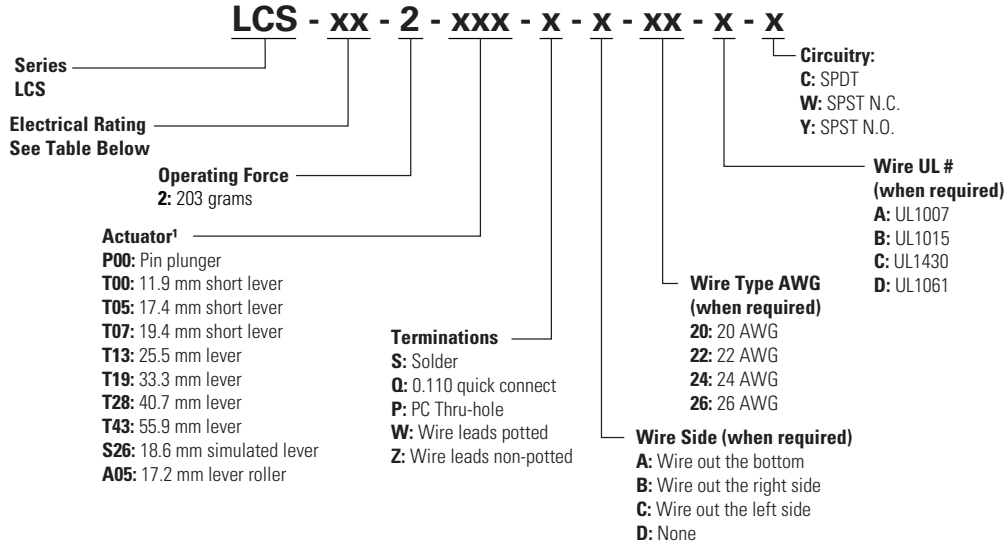
# LCS Series

## Small Size Sealed Snap-acting Switches



### Ordering Number

To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult Customer Service Center.



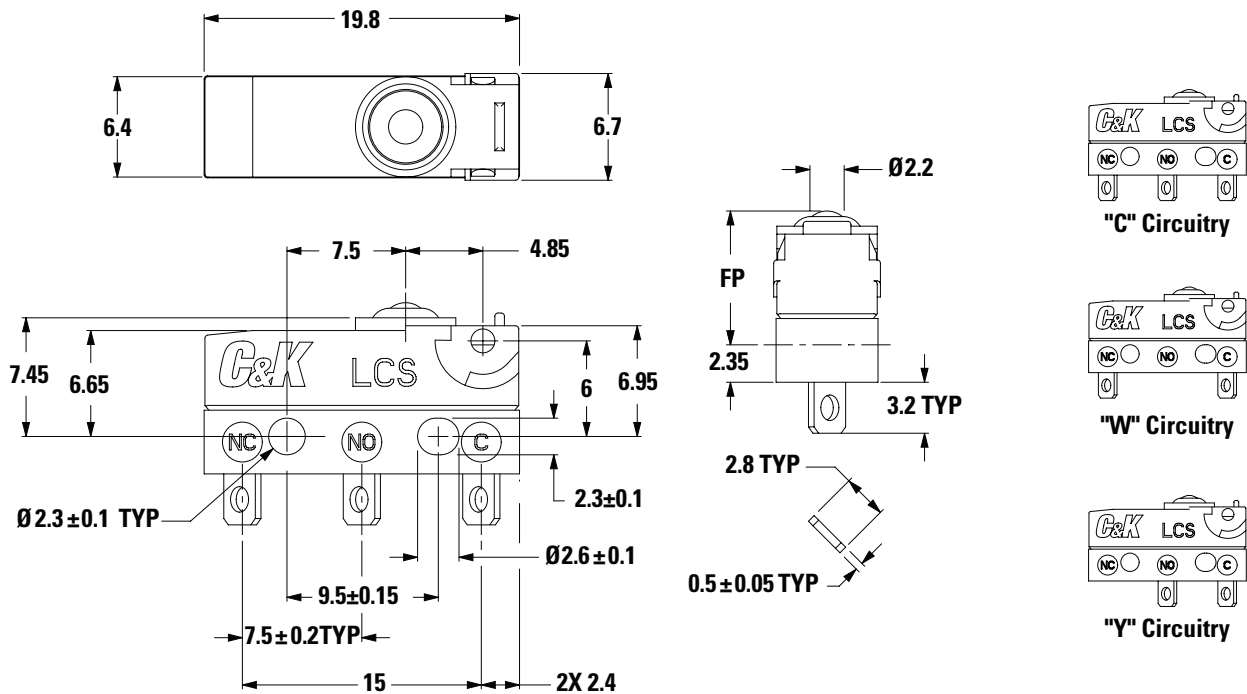
**Notes:**

1. Dim. A, See chart on following pages for detailed information

### Electrical Rating

Option Code	US	
01	0.1A 125/250 V AC	-
05	5A 125/250 VAC	6 A 125/250 VAC

### LCS Series Dimensions mm



# LCS Series

## Small Size Sealed Snap-acting Switches



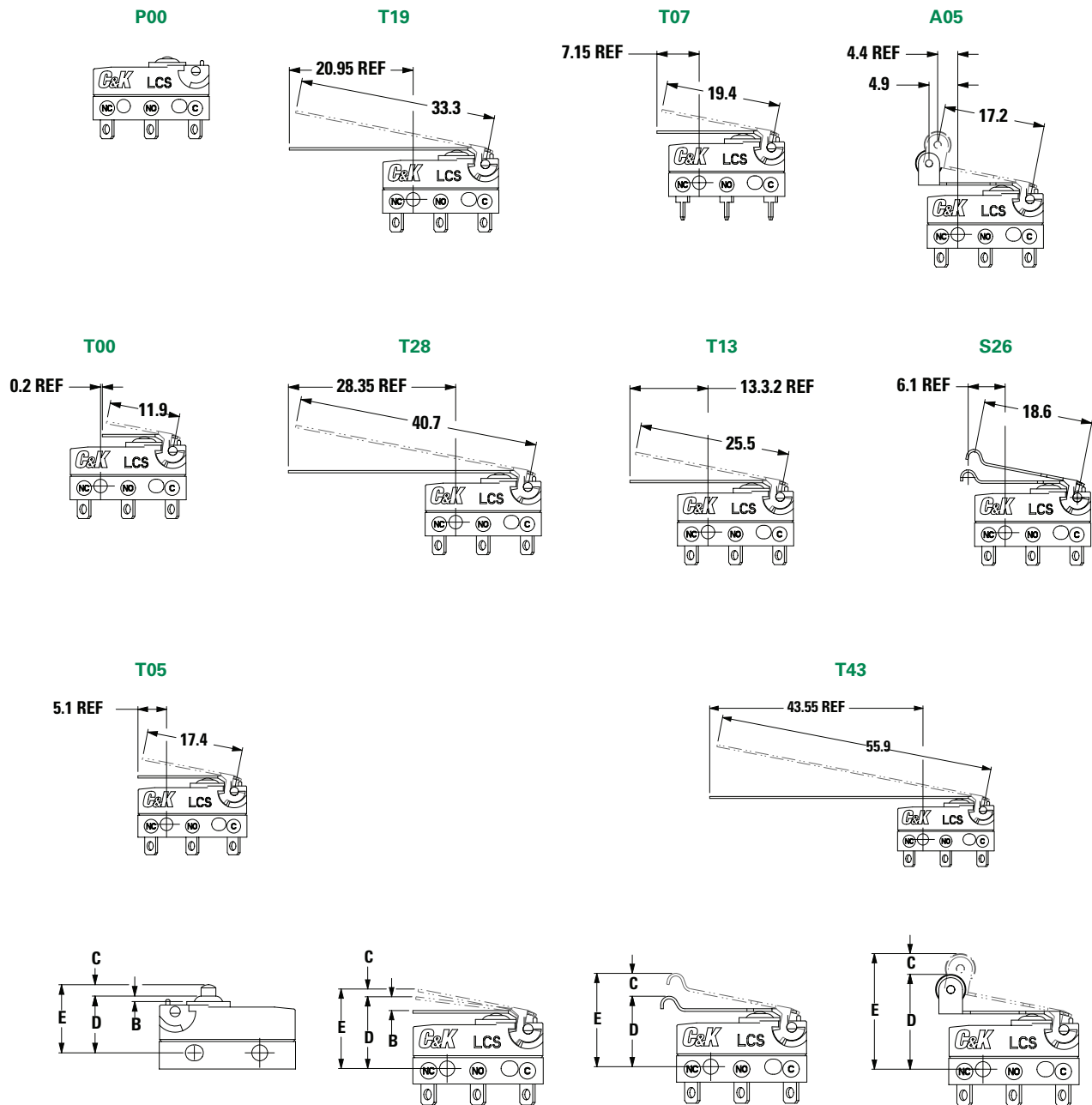
### Electrical Rating

Option Code	RoHS Compliant <sup>1</sup>	RoHS Compatible <sup>1</sup>	Electrical Rating
05	Yes		5 AMP, 125/250 V AC
01		Yes	0.1 AMP, 125/250 V AC

### Operating Force

Option Code	Operating Forces (grams)
2	203 grams max.

### Actuator Dimensions mm



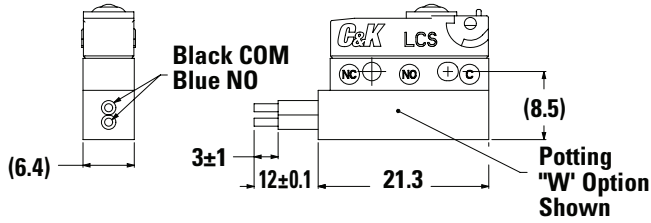


# LCS Series

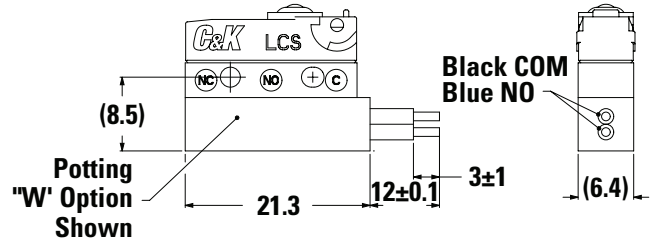
## Small Size Sealed Snap-acting Switches



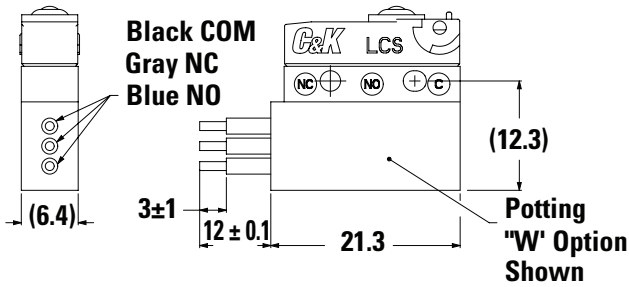
Z or W "B" Wire Orientation "Y" or "W" Circuitry



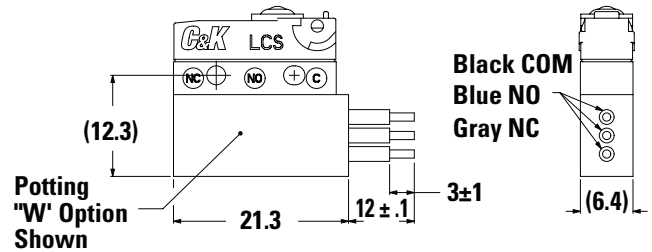
Z or W "C" Wire Orientation "Y" or "W" Circuitry



Z or W "B" Wire Orientation "C" Circuitry



Z or W "C" Wire Orientation "C" Circuitry



### 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)

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