

LCW Series Subminiature Sealed Snap-acting Switches

NEW



UL61058-1 

Features/Benefits

- Compact design
- Quick connect, solder terminals, PC terminals, wire leads
- Wide variety of actuator styles
- RoHS compatible, RoHS compliant
- IP67
- New generation price competitive

Typical Applications

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

Specifications

CONTACT RATING: from low level to 0.1 Amp
ELECTRICAL LIFE: 10,000 cycles
INSULATION RESISTANCE: 100 M ohm min.
DIELECTRIC STRENGTH: 1,000 VAC
OPERATING TEMPERATURE:
-40°C to +120°C
OPERATING FORCE: (see ACTUATOR'S option sections).
MOUNTING: 2-56 screws, torque 2.3 in/lbs max.

Materials

SWITCH HOUSING: PBT
SWITCH COVER: PBT
ACTUATOR BUTTON: PBT
SPRING: SUS
MOVABLE CONTACTS: Copper
STATIONARY CONTACTS: AgNi10
TERMINALS: Brass.
ACTUATOR LEVEL: SUS
RUBBER: Silicone

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

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-44 thru J-47. For additional options not shown in catalog, consult Customer Service Center.

Option Code	UL 61058-1	Operating Force	Actuator	Terminations	Circuitry	Wire Side
01	0.1 A 125/250 V AC	2 203 grams	P00 Pin plunger T00 12 mm short lever T05 17.5 mm short lever T07 19.5 mm short lever T13 25.6 mm lever S26 18.6 mm simulated lever	S Solder Q 0.110 Quick Connect P PC Thru Hole W Wire leads potted	C SPDT W SPST N.C. Y SPST N.O.	A Wire out the bottom (check if available) B Wire out the right side (check if available) D None (Default)



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Technical drawings of the GSK LCW component:

- Top View:** Shows a rectangular component with a width of 19.8 and a height of 6.4. A circular feature is visible on the right side.
- Side View:** Shows the component's profile with a height of 3.2.
- Front View:** Shows the component with labels "GSK" and "LCW". It features three circular terminals labeled "WC", "NO", and "C". Dimensions include a total width of 15, a terminal spacing of 7.5, and a mounting hole diameter of $\varnothing 2.6 \pm 0.1$. A note indicates "FREE POSITION (CP)", "OPERATING POSITION (CP)", and "OUTER POSITION (CP)".
- Top View (Detailed):** Shows the component with a width of 19.8 and a height of 6.4. It features a circular feature on the right side. Dimensions include a total width of 15, a terminal spacing of 7.5, and a mounting hole diameter of $\varnothing 2.6 \pm 0.1$. A note indicates "FREE POSITION (CP)", "OPERATING POSITION (CP)", and "OUTER POSITION (CP)".
- Side View (Detailed):** Shows the component's profile with a height of 3.2.
- Front View (Detailed):** Shows the component with labels "GSK" and "LCW". It features three circular terminals labeled "WC", "NO", and "C". Dimensions include a total width of 15, a terminal spacing of 7.5, and a mounting hole diameter of $\varnothing 2.6 \pm 0.1$. A note indicates "FREE POSITION (CP)", "OPERATING POSITION (CP)", and "OUTER POSITION (CP)".
- Circuit Diagram:** Shows the component connected to a power source and ground.
- PCB Layout:** Shows the component's footprint on a PCB. Dimensions include a total width of 15, a terminal spacing of 7.5, and a mounting hole diameter of $\varnothing 2.6 \pm 0.1$. A note indicates "Terminations S:3- $\varnothing 1.5$ ".

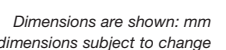
Snap-acting

[illegible]

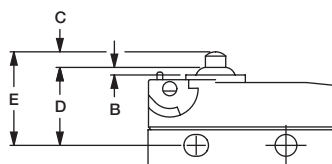
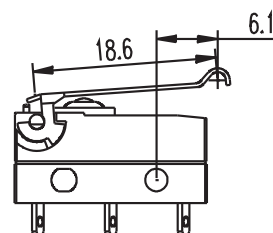
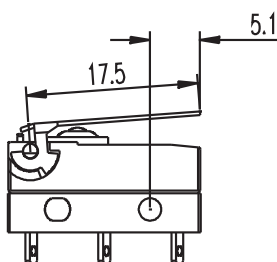
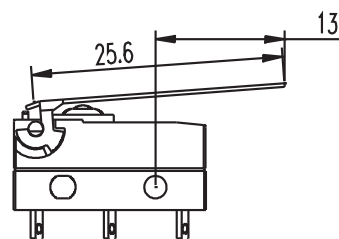
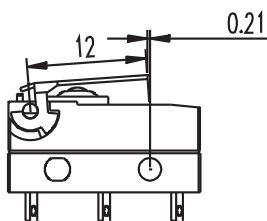
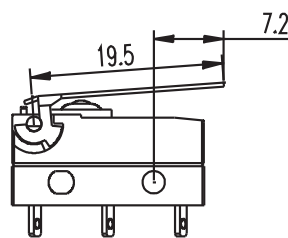
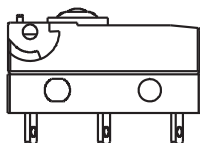
RoHS COMPLIANT *	RoHS COMPATIBLE *	OPTION CODE	ELECTRICAL RATING
YES	YES	01	0.1 AMP, 125/250 V AC

0 1 2 3 4 5 6 7 8 9 10

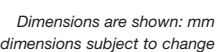
OPTION CODE	OPERATING FORCES (grams)
2	203 g. max.



NEW



Dimensions are in mm and force in grams



NEW

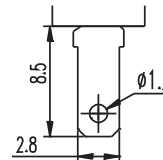
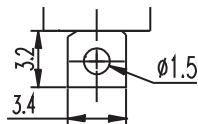
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TERMINATIONS

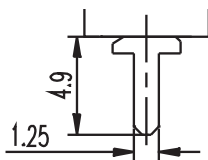


S SOLDER

Q QUICK CONNECT 2.8mm / 0.110"



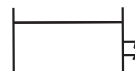
P PC THRU HOLE



W "A" WIRE ORIENTATION OUT THE BOTTOM
"W" CIRCUITRY



W "B" WIRE ORIENTATION OUT THE RIGHT SIDE
"W" CIRCUITRY



Snap-acting

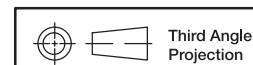
CIRCUITRY



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)



Dimensions are shown: mm

Specifications and dimensions subject to change



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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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