

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 G&K LCW component:

- Top View:** Shows a rectangular component with a width of 19.8 and a height of 6.4. A circular feature with a crosshair is located on the right side.
- Side View:** Shows the component's profile with a total height of 3.2.
- Front View:** Shows the component with three pins. The pins are labeled "NC", "NO", and "C". The component is labeled "G&K LCW". Dimensions include a pin pitch of 7.5, a pin width of 1.5, and a total width of 15. The component height is 6.95, and the pin height is 9.3. A dimension of 0.5 is shown for the pin tip.
- Top View (Detailed):** Shows the component with three pins. The pins are labeled "NC", "NO", and "C". The component is labeled "G&K LCW". Dimensions include a pin pitch of 7.5, a pin width of 1.5, and a total width of 15. The component height is 6.95, and the pin height is 9.3. A dimension of 0.5 is shown for the pin tip.
- Side View (Detailed):** Shows the component's profile with a total height of 3.2.
- Front View (Detailed):** Shows the component with three pins. The pins are labeled "NC", "NO", and "C". The component is labeled "G&K LCW". Dimensions include a pin pitch of 7.5, a pin width of 1.5, and a total width of 15. The component height is 6.95, and the pin height is 9.3. A dimension of 0.5 is shown for the pin tip.
- Circuit Diagram:** A schematic diagram showing the component's internal connections. The pins are labeled "NC", "NO", and "C".
- PCB Layout:** A diagram showing the component's footprint on a PCB. The pins are labeled "NC", "NO", and "C". The component is labeled "G&K LCW". Dimensions include a pin pitch of 7.5, a pin width of 1.5, and a total width of 15. The component height is 6.95, and the pin height is 9.3. A dimension of 0.5 is shown for the pin tip.



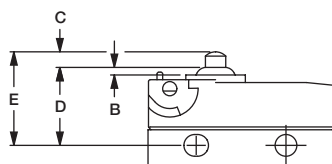
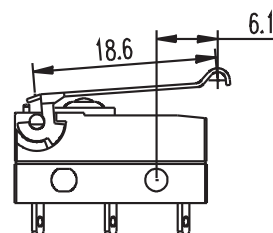
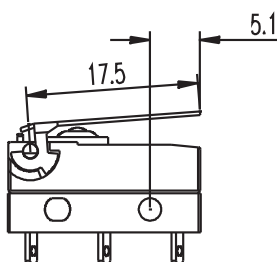
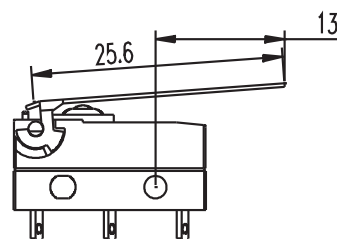
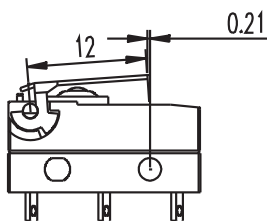
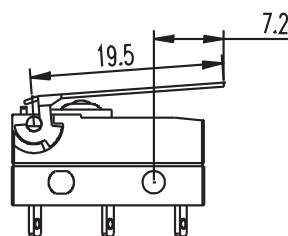
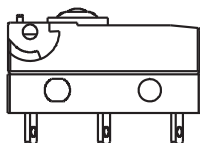
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graph LR
    p[p] --> n1[10]
    n1 --> n2[20]
    n2 --> n3[30]
    n3 --> n4[40]
    n4 --> n5[50]
    n5 --> n6[60]
    n6 --> n7[70]
    n7 --> n8[80]
    n8 --> n9[90]
    n9 --> n10[100]
    n10 --> n11[110]
    n11 --> n12[120]
    n12 --> n13[130]
    n13 --> n14[140]
    n14 --> n15[150]
    n15 --> n16[160]
    n16 --> n17[170]
    n17 --> n18[180]
    n18 --> n19[190]
    n19 --> n20[200]
    n20 --> n21[210]
    n21 --> n22[220]
    n22 --> n23[230]
    n23 --> n24[240]
    n24 --> n25[250]
    n25 --> n26[260]
    n26 --> n27[270]
    n27 --> n28[280]
    n28 --> n29[290]
    n29 --> n30[300]
    n30 --> n31[310]
    n31 --> n32[320]
    n32 --> n33[330]
    n33 --> n34[340]
    n34 --> n35[350]
    n35 --> n36[360]
    n36 --> n37[370]
    n37 --> n38[380]
    n38 --> n39[390]
    n39 --> n40[400]
    n40 --> n41[410]
    n41 --> n42[420]
    n42 --> n43[430]
    n43 --> n44[440]
    n44 --> n45[450]
    n45 --> n46[460]
    n46 --> n47[470]
    n47 --> n48[480]
    n48 --> n49[490]
    n49 --> n50[500]
    n50 --> n51[510]
    n51 --> n52[520]
    n52 --> n53[530]
    n53 --> n54[540]
    n54 --> n55[550]
    n55 --> n56[560]
    n56 --> n57[570]
    n57 --> n58[580]
    n58 --> n59[590]
    n59 --> n60[600]
    n60 --> n61[610]
    n61 --> n62[620]
    n62 --> n63[630]
    n63 --> n64[640]
    n64 --> n65[650]
    n65 --> n66[660]
    n66 --> n67[670]
    n67 --> n68[680]
    n68 --> n69[690]
    n69 --> n70[700]
    n70 --> n71[710]
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    n72 --> n73[730]
    n73 --> n74[740]
    n74 --> n75[750]
    n75 --> n76[760]
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    n77 --> n78[780]
    n78 --> n79[790]
    n79 --> n80[800]
    n80 --> n81[810]
    n81 --> n82[820]
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    n84 --> n85[850]
    n85 --> n86[860]
    n86 --> n87[870]
    n87 --> n88[880]
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    n89 --> n90[900]
    n90 --> n91[910]
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    n96 --> n97[970]
    n97 --> n98[980]
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    n213 --> n214[2140]
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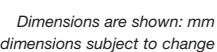
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www.ckswitches.com

NEW



Dimensions are in mm and force in grams



NEW

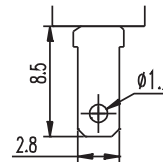
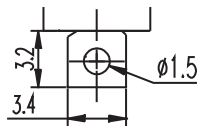
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TERMINATIONS

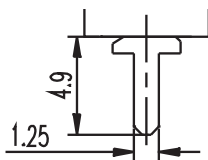


S SOLDER

Q QUICK CONNECT 2.8mm / 0.110"



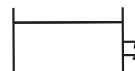
P PC THRU HOLE



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



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



Snap-acting

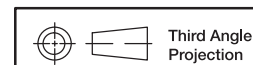
CIRCUITRY



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)



Third Angle
Projection

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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