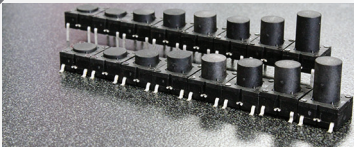


Board Level Switches

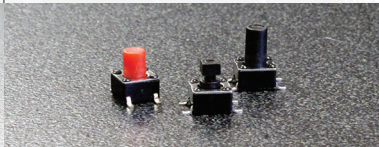
automotive focus

Switches are commonly used in the automotive industry. From control systems, infotainment, interior lighting and beyond, CIT Relay & Switch has a wide variety of relays and switches to suit any application.



ME Series

The ME Series is an IP67 process sealed tactile switch offering both through-hole and surface mount options with a 350gF actuation force. With actuator and housing of PA6T Polyimide and silver plated stainless steel dome contact, the ME Series tact switch uses a silicon rubber internal seal providing truly sealed, one piece construction. Actuator color on this process sealed switch is standard black; contact factory for additional color options.



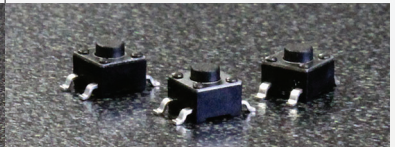
CL1200 Series

The CS1102 tactile switch offers both gull wing and J-lead surface mount termination with a square 6mm body. Momentary with SPST poles, the CS1102 offers actuator lengths ranging from 4.3mm up to 9.5mm with two square head options too. Multiple cap styles in various colors are available, with actuation force options of 100gF, 160gF and 260gF.



CS120V Series

This is a right angle surface mount tact switch with multiple actuator length options ranging from 3.15mm up to 11.85mm. Actuation force options are 160gF and 260gF. The CS1102V offers silver-plated copper alloy termination materials. The SPST tactile switch features an electrical life of 100,000 cycles.



CS1104 Series

The CS1104 Series tactile switch is SPST momentary with a 4.5mm square body. Offering gull wing termination and an actuator length of 3.8mm, the CS1104 has a choice of 180gF or 260gF actuation force. Actuation travel of the surface mount switch is 0.25mm +/- 0.1mm.



CS1204 Series

Low profile, the CS1204 surface mount switch offers an extended actuator option with actuation force choices of 160gF or 260gF. Body size is 5.2mm square. With a grounding pin, the terminals are silver plated brass with silver plated phosphor bronze contact material. Actuation travel is 0.25mm +/- 0.1mm. This momentary tactile offers electrical rating of 50mA @ 50VDC.



CS1205 Series

Rectangular in shape, the CS1205 is 6.1mm long by 3.7 wide. This single pole single throw switch is surface mount and momentary, actuation force choices are 180gF and 260gF, with actuator travel of .30mm. It has 100,000 electrical life cycles and features housing and actuators made with 4/6 Nylon material. This surface mount switch also features contacts made with silver-plated phosphor bronze and a silver plated brass terminals.



CS1210 Series

Ultra small in size and surface mount, the CS1210 offers actuation force of 160gF or 260gF. This momentary tactile offers electrical rating of 50mA @ 50VDC. Actuation travel is 0.20mm +/- 0.1mm. The cover is stainless steel with 4/6 nylon housing. Contact materials are silver plated phosphor bronze with silver plated brass terminals.



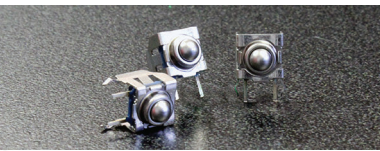
CS1211 Series

Right angle and ultra-small in size, the CS1211 SPST momentary switch has an actuation force of 180gF with actuator travel of .25mm. With contact materials of silver plated stainless steel and terminals of silver plated brass, the CS1211 has electrical rating of 50mA @ 50VDC and actuation travel of 0.25mm +/- 0.01mm.



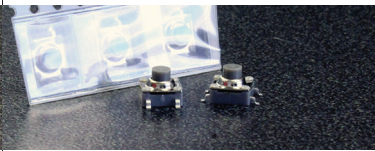
STJ Series

The STJ Series single throw tactile switch has through-hole termination with IP67 sealing degree. SPST and momentary, the STJ switch offers a multi-directional actuator with actuation force choices from 130gF up to 500gF. Actuation travel is 1.6mm.



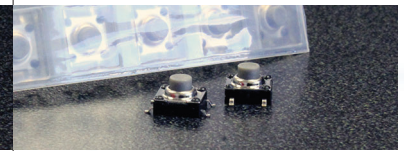
STJV Series

The STJV Series right angle tactile button switch has through-hole termination with IP67 sealing degree. This SPST momentary switch offers a multi-directional actuator with actuation force choices from 130gF up to 500gF. Actuation travel is 1.6mm. The STJV series is available with gold or silver contact options.



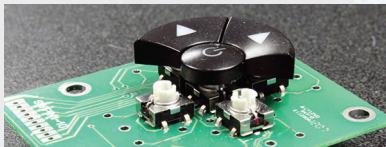
STR Series

The STR Series domed tactile switch has surface mount gull wing termination with IP67 sealing degree. SPST and momentary, this surface mount tactile switch offers actuation force choices from 160gF up to 260gF. Actuation travel for this tact switch is .28mm with actuator length choices of 4.3mm, 5.0mm or 7.3mm.



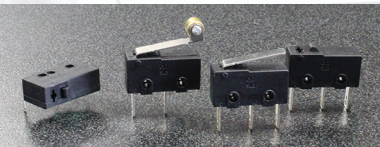
STS Series

The STS Series IP67 switch has surface mount gull wing termination with IP67 sealing degree. Single Pole Single Throw and momentary, the STS switch offers actuation force choices of 200gF or 260gF. With a stainless steel contact dome, actuation travel for this tact switch is .45mm with actuator length choices of 4.3mm, 5.0mm or 7.0mm.



TJ Series

The TJ Series illuminated tactile switch is IP67 process sealed in surface mount, right angle, surface mount right angle, or through-hole termination options. Bi-color LED choices for this illuminated switch are red, yellow, green, pure green, blue, white and orange with many color combination of the same. The TJ series offers semi-transparent, transparent, and opaque caps in over ten colors ranging from clear to misty silver for laser etching. Five different cap styles including a support ring allow the TJ series to configure into a navigation switch grouping.



SM3 Series

Sub-miniature in size, the SM3 Series snap-action switch is UL/cUL certified. Actuator styles of this micro switch include pin plunger, simulated roller, short roller lever, long hinge lever and the standard hinge lever. The SM3 Series offers terminal options of .100" quick connect, solder lug, PC pin, right angle PC pin or left angle PC pin. Single pole switching options include SPST normally open, SPST normally closed, or SPDT.



VM3 Series

The VM3 Series miniature snap-action switch is a UL/cUL certified panel mount switch. Actuator styles include pin plunger, standard roller lever, simulated roller lever, short hinge lever, short roller lever, long hinge lever and standard hinge lever. The VM3 Series silver plated copper alloy switch offers terminal options of .250" quick connect or .187" quick connect. Pole options include SPST normally open, SPST normally closed or SPDT.

CIT Relay & Switch validation test lab

CIT Relay & Switch has a sophisticated test lab for failure analysis and material testing, helping our customers solve their toughest problems. Our aim is to establish long-lasting relationships with our customers by providing comprehensive technical expertise using our state-of-the-art test lab. Providing accurate and concise solutions, we give our customers the best explanation about how their components perform. Contact a CIT Application Engineer to validate product suitability for your application with real-time live testing backed with data.

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