

*Authorized
Distributor for*



Manufacturer	Anti-Vandal	DIP	Keylock	Key Pad / Keyboard	Limit	Push Button	Rocker	Rotary	Safety	Slide	Snap Action	Tactile / Key	Thumb & Pushwheel	Toggle
Alps Electric		•				•	•	•		•		•		
Arcoelectric	•					•	•		•		•			•
APEM	•	•	•	•		•	•			•	•	•	•	•
B I Technologies								•						
Bourns						•		•				•		
Bulgin	•					•								
C & K Components		•	•	•		•	•	•		•	•	•	•	•
Carling Technology						•	•	•						•
Cherry Electrical				•		•	•				•	•	•	
Cutler-Hammer			•		•	•	•				•			•
E-Switch	•	•	•			•	•	•		•	•	•		•
Fuji Electric			•			•								
Honeywell S&C			•		•	•	•		•		•			•
Idec			•			•			•					
Omron		•	•		•	•	•		•	•	•	•	•	•
Panasonic							•		•		•	•		
Schurter	•													
TE / Alcoswitch		•	•			•	•	•		•	•	•	•	•

SWITCHES GLOSSARY OF TERMS**What is a Switch?**

A switch is an electrical component that can break an electrical circuit, interrupting the current or diverting it from one conductor to another. The most familiar form of switch is a manually operated electromechanical device with one or more sets of electrical contacts, which are connected to external circuits.

ACTUATOR:	The mechanical interface between the switch mechanism and the means of operation, such as the operator's finger.
ACTUATION FORCE:	The required force to change a circuit's electrical state.
ALTERNATE ACTION SWITCH:	A Pushbutton style switch where the change of the electrical state is maintained between actuations.
BREAK:	Interruption of a circuit. Double-break occurs when a single mechanism interrupts two contacts/circuits simultaneously.
CONTACT:	The contact is a conducting part designed to be united by pressure to another conducting part for the purpose of carrying current and completing a circuit.
CONTACT BOUNCE:	Oscillation of the movable contact upon closure of the circuit.
CONTACT RESISTANCE:	The resistance value measured across closed contacts.
ELECTRICAL LIFE:	Expected cycle life when switch is operated at full rated load.
MAKE BEFORE BREAK:	The term given to a double throw switch when the second circuit is closed before the first circuit is opened.
MOMENTARY ACTION SWITCH:	A switch where a circuit is continuously closed or opened only while force is applied. The circuit returns to its normal state when the force is removed.
NORMALLY CLOSED:	The term given to a switch where a circuit is closed in the normal switch position.
NORMALLY OPEN:	The term given to a switch where a circuit is open in the normal switch position.
POLE:	The term to denote a completely separate circuit, which passes through a switch at one time.
SNAP ACTION:	The abrupt transfer of contacts from one position to another. This action is relatively independent of the speed of actuator travel.
SPLASH PROOF:	Sealed switch which will withstand heavy rain or stream of water.