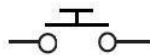


Switches

A switch is an electronics component that can make or break a circuit. There are a number of different switch types:

Press switches:

Push to make



Push to break



The push to make forms the connection only when the switch is pressed, the push to make works in the opposite way.

Slide/toggle switches:

Slide and toggle switches are described using 2 criteria, number of poles and number of throws.

Poles refer to the number of contacts, i.e. a single pole has only 2 contacts, a double pole has 2 sets of contacts which are usually not connected together.

Throw refers to the number of positions a switch has, a single throw is on/off. A double throw has 2 possible contacts for a centre common pin.

Single Pole Single Throw

(SPST)



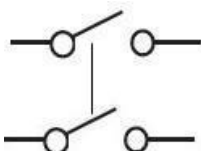
Single Pole Double Throw

(SPDT)



Single Pole Double Throw

(SPST)



Double Pole Double Throw

(DPDT)

