

Electronics Momentary Switches

Terry Sturtevant

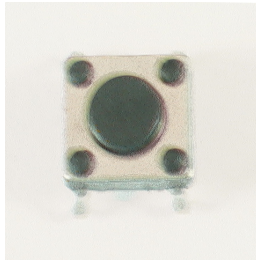
Wilfrid Laurier University

October 22, 2015

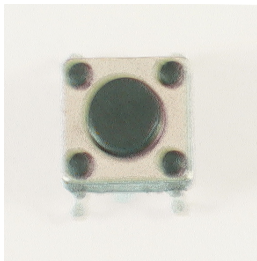
Momentary switches

Here is a momentary switch.

Here is a momentary switch.



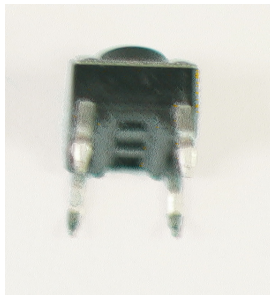
Here is a momentary switch.



It is called a **momentary** switch because the switch is only on *while the button is pressed*.

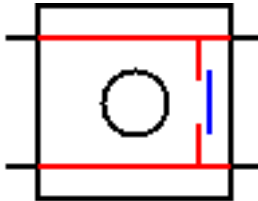
Here's a view from the side.

Here's a view from the side.



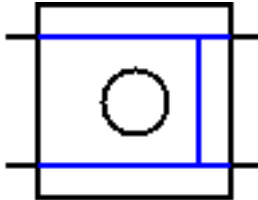
Here's what the internal connections are when it's open.

Here's what the internal connections are when it's open.



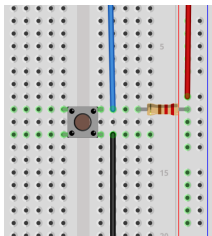
Here's what the internal connections are when it's closed.

Here's what the internal connections are when it's closed.

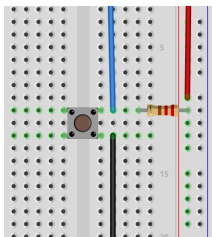


Remember you need either a pulldown or a pullup resistor with it.

Remember you need either a pulldown or a pullup resistor with it.

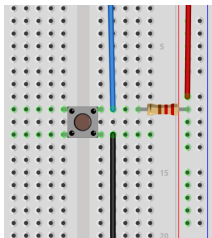


Remember you need either a pulldown or a pullup resistor with it.



This is the active high configuration.

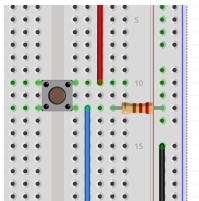
Remember you need either a pulldown or a pullup resistor with it.



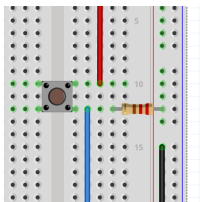
This is the active high configuration. (The signal is the blue wire.)

Here is the active low configuration.

Here is the active low configuration.



Here is the active low configuration.



(The signal is the blue wire.)