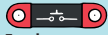


## L50 SWITCHING WITH BUTTON I.



1x switch



1x button



1x battery



1x 2x



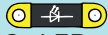
2x



4x



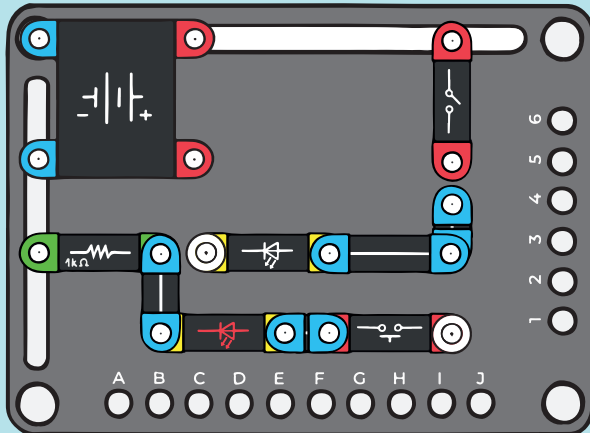
1x resistor 1kΩ



2x LED

In this circuit, a red and a white LED are connected in parallel with a common resistor. When the switch is closed, the white LED lights up. If you press the button, you connect the red LED to the white LED in parallel. Since the white LED needs a higher voltage than the red one to light up, connecting the red LED to the white LED will lower the voltage. The white LED goes out and the red LED lights up. The button visually acts as a changeover switch in this case even though it does not have a changeover contact.

1.



2.

