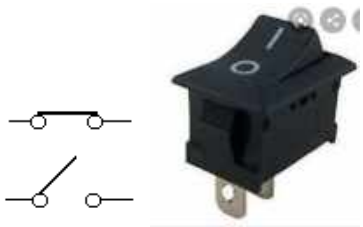
components of the electric circuit

An electric cell: It provides the source of current. In its symbol, the larger terminal is positive, whereas the smaller one is the negative terminal.

electric cell 

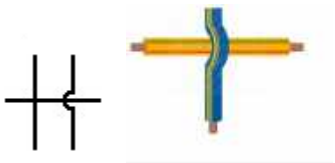
Battery: It is a combination of cells and its utility is the same as the cell.

Switch: It is a plug key used to allow or stop the flow of current upon being pressed. It may be an open or a closed switch.



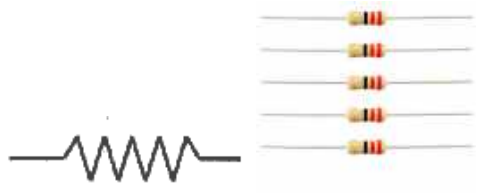
Wire joint: One device may be connected to the other using wires. This is shown by drawing 'blobs' at their point of connectivity.

Wires crossing without joining: The wires that do not touch each other are drawn without blobs. The following figure shows how the separated wires are represented.

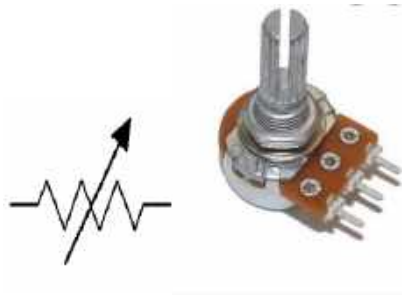


Electric bulb: The electrical device which uses electricity to glow.

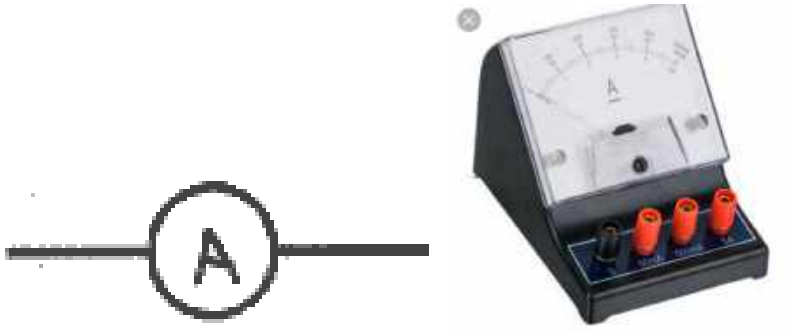
Resistor (R): It is used to restrict the amount of current flow in the circuit.



Variable resistance: Also known as the rheostat, it is used to regulate the amount of current flow by increasing or decreasing the resistance to the current flow.



Ammeter: It is used to measure the current passing at a particular point.



Voltmeter: It is used to measure the voltage between two points in a circuit.