

Electric Circuit: How to form a Electric Circuit



An Electric Circuit

An electrical circuit is a simplified representation of an electric circuit element.

Consider an electric cell and a bulb. The terminals of the cell are connected to the terminals of the bulb by the means of electric wires. Such an arrangement of cell and bulb is called an **Electric Circuit**.

- The circuit is said to be complete in this case because of which electricity will flow and the bulb will glow.
- This uses standard symbols for the components in the circuit and does not show the physical arrangements of the components.
- At present, our daily life on the earth has become nearly impossible without electricity. Homes to big industries depend on electricity.
- Electric current flows in a closed circuit loop. It is a closed-loop in which continuous electric current goes from the supply to the load equipment.
- A closed-loop path, which the current take is known as an electric circuit.
- When the path of the circuit is closed, current flows through it.
- When there is a break in the path (switch is open) then, the circuit is open and not conducting so the current does not flow.
- One should be careful while setting up an electric circuit. It should be done under supervision.

