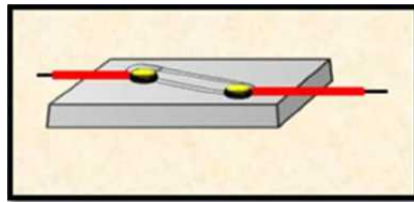


Electric Switch

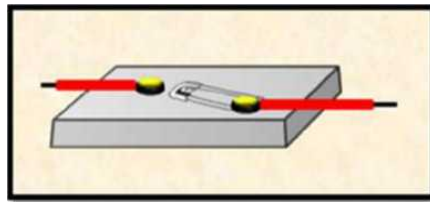


Electric Switch:

A switch is a simple device that either breaks the circuit or completes it.



Switch ON

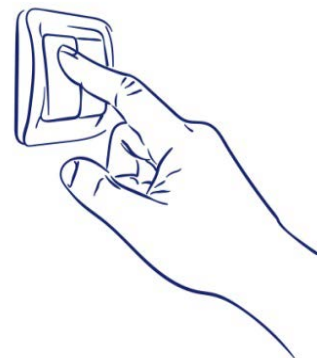


Switch OFF

Components:

Switch Body: The main body of an electric switch is typically made of plastic or other insulating material. It houses all the internal components of the switch.

Toggle or Lever: A switch usually has a toggle or lever that can be moved to either an "on" or "off" position. When the toggle is in the "on" position, the circuit is closed, allowing electricity to flow. When it's in the "off" position, the circuit is open, and electricity cannot flow.



Contacts: Inside the switch, there are two or more metal contacts. These contacts are designed to touch each other when the switch is in the "on" position, allowing electricity to flow through the circuit. When the switch is turned "off," the contacts separate, interrupting the flow of electricity.



Types of Electric Switches:

1. **Toggle Switch:** This type of switch has a small lever that you flip up or down to turn it on or off. It's commonly used in homes for lights and appliances.
2. **Push Button Switch:** These switches are pressed to turn them on and released to turn them off. They are often used in doorbells and some electronic devices.
3. **Rocker Switch:** Rocker switches have a flat lever that you push on one side to turn them on and push on the other side to turn them off. They are commonly found on some appliances and electronic equipment.
4. **Slide Switch:** Slide switches have a small slider that you move horizontally to turn them on or off. They are used in various applications, including toys and small electronic devices.

