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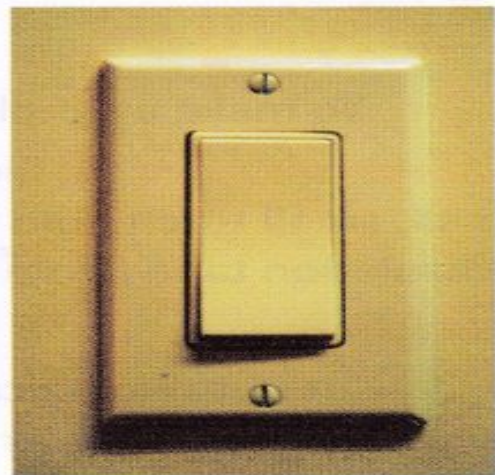
**LEARNING OBJECTIVE:**

To be well versed with the terminology.  
Identify components of the Electric Switch.

**ElectricSwitch**

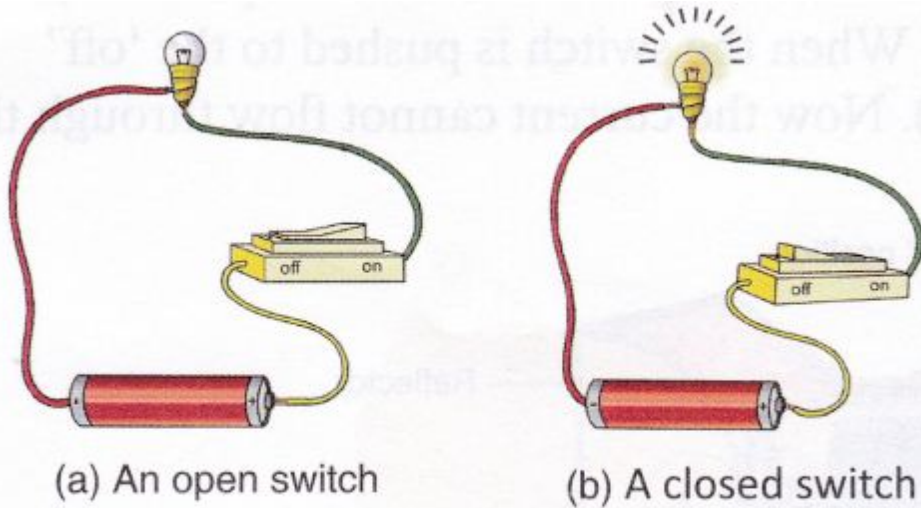
We use electric switches (Fig. 14.8) to put on or off the electrical devices and machines. But do you know how it works?

An electric switch is a device that is used to open or close an electric circuit. When we open an electric circuit, the flow of electric current in the circuit stops [Fig. 14.9(a)], and when we close an electric circuit, an electric current flows through it [Fig. 14.9(b)]. In an electrical circuit, a switch is sometimes.



**Fig. 14.8** An electric switch

An electric switch is a device that is used to open or close an electric circuit. When we open an electric circuit, the flow of electric current in the circuit stops [Fig. 14.9(a)], and when we close an electric circuit, an electric current flows through it [Fig. 14.9(b)]. In an electrical circuit, a switch is sometimes.



(a) An open switch

(b) A closed switch

Fig. 14.9 Electric current with switch

The key is represented by the symbol

•—• when it is 'ON' (closed circuit)

and

•⌞• when it is 'OFF' (open circuit).