

Answer on Question #46395, Physics, Electric Circuits

Which of the following is NOT true about a rheostat?

It is a constant current instrument

It is a resistor with moving contact

It is used for varying the current in a circuit

It is used for varying the resistance in a circuit

Rheostat has varying resistance created by moving contact. Thus, rheostat can vary resistance and current. But it doesn't need to work at a constant current. It will work in a wide range of circuits.