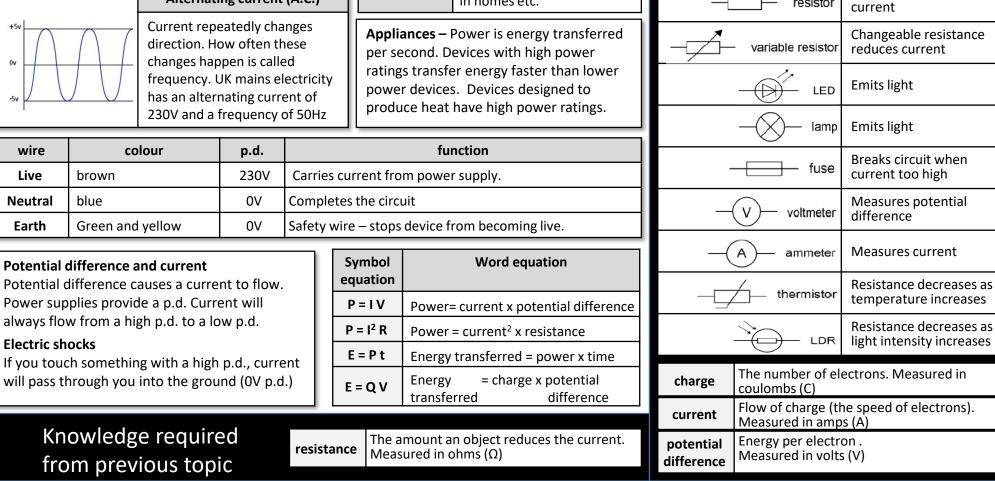


wire	colour	p.d.	function
Live	brown	230V	Carries current from power supply.
Neutral	blue	0V	Completes the circuit
Earth	Green and yellow	0V	Safety wire – stops device from becoming live.

Potential difference causes a current to flow.

If you touch something with a high p.d., current will pass through you into the ground (OV p.d.)



Breaks circuit; stopping

Completes circuit; allows

Store of chemical energy

the current

current to flow

Two or more cells

flow one way

Only allows current to

Fixed resistance reduces

batterv

diode

resistor