

Mains Electricity

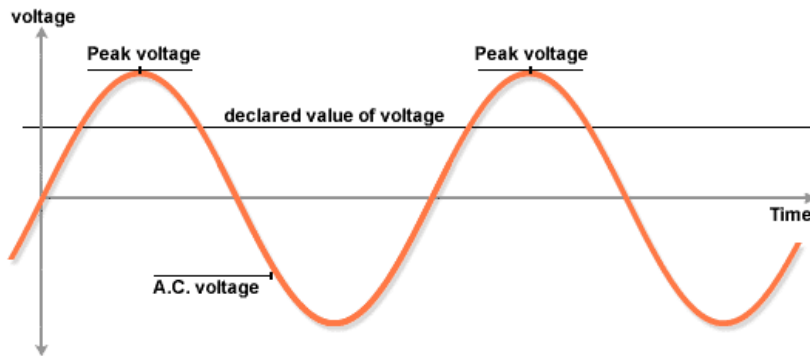
Characteristics

NEUTRAL



EARTH

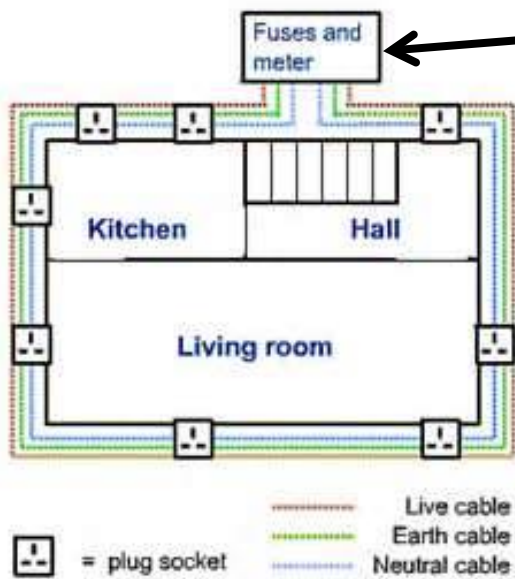
LIVE



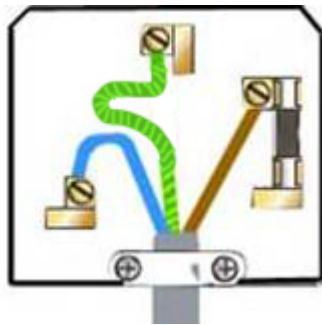
Mains voltage = V
 Mains frequency = Hz

What does an alternating voltage cause?

The Ring Mains Circuit



The domestic plug - anatomy



Fuses



What is the function of fuses?

Draw the symbol for a fuse

Formula for working out which fuse (3A, 5A, 13A) to fit

What appliances do not need a fuse/earth wire?