

YEAR 07

Physics Homework

Section 7Jb

Using electricity

p. 138

Questions: 3 and 4

3. How does a fuse stop the current flowing if the current is too big?

If the current gets too big, it will cause the fuse to melt its thin wire thus protecting our equipment.

4. How can a fuse protect electrical equipment?

By introducing a fuse in the plug of our appliance, (like an iron), we protect it from any current surge. That is any current higher value through the grid.