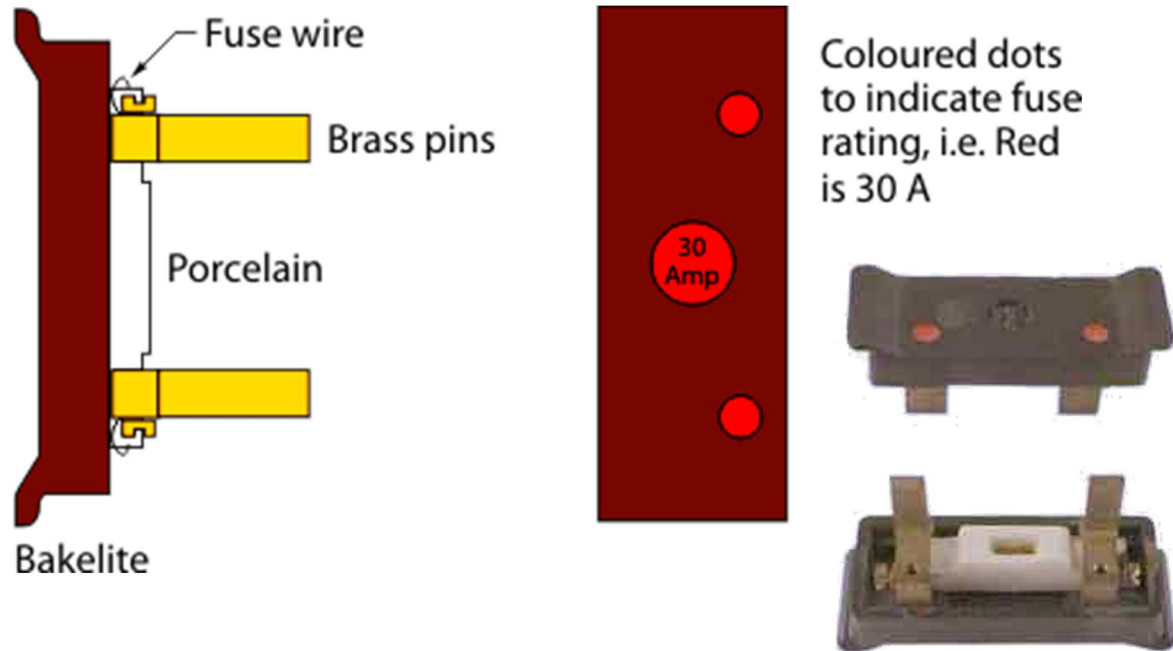


# Rewireable (semi-enclosed) fuses – BS 3036

The BS 3036 type of protective device are very simple yet very effective. They are called rewireable or semi-enclosed.



When a current flows in a circuit heat is given off.

If the current is greater than the rating, the fuse will be unable to dissipate the heat and the fuse wire will melt.

This type of fuse is used for currents up to 100 A and voltages up to 250 V.

# Advantages and Disadvantages of Rewireable fuses – BS 3036

## Advantage

No moving parts

Cheap

Melted element is easy to see

Low replacement cost

## Disadvantage

Incorrect element size can be installed

Element cannot be repaired quickly

Element deteriorates with age

Poor discrimination

Can cause damage during very high fault current faults.

Poor breaking capacity

Can require a cable to be de-rated if the circuit is liable to overload.