

There are three main earth systems in the UK TN-S, TN-C-S and TT

T = Terre (French for earth)

N = Neutral (At the same potential as earth)

S = Separated

C-S = Combined and separated

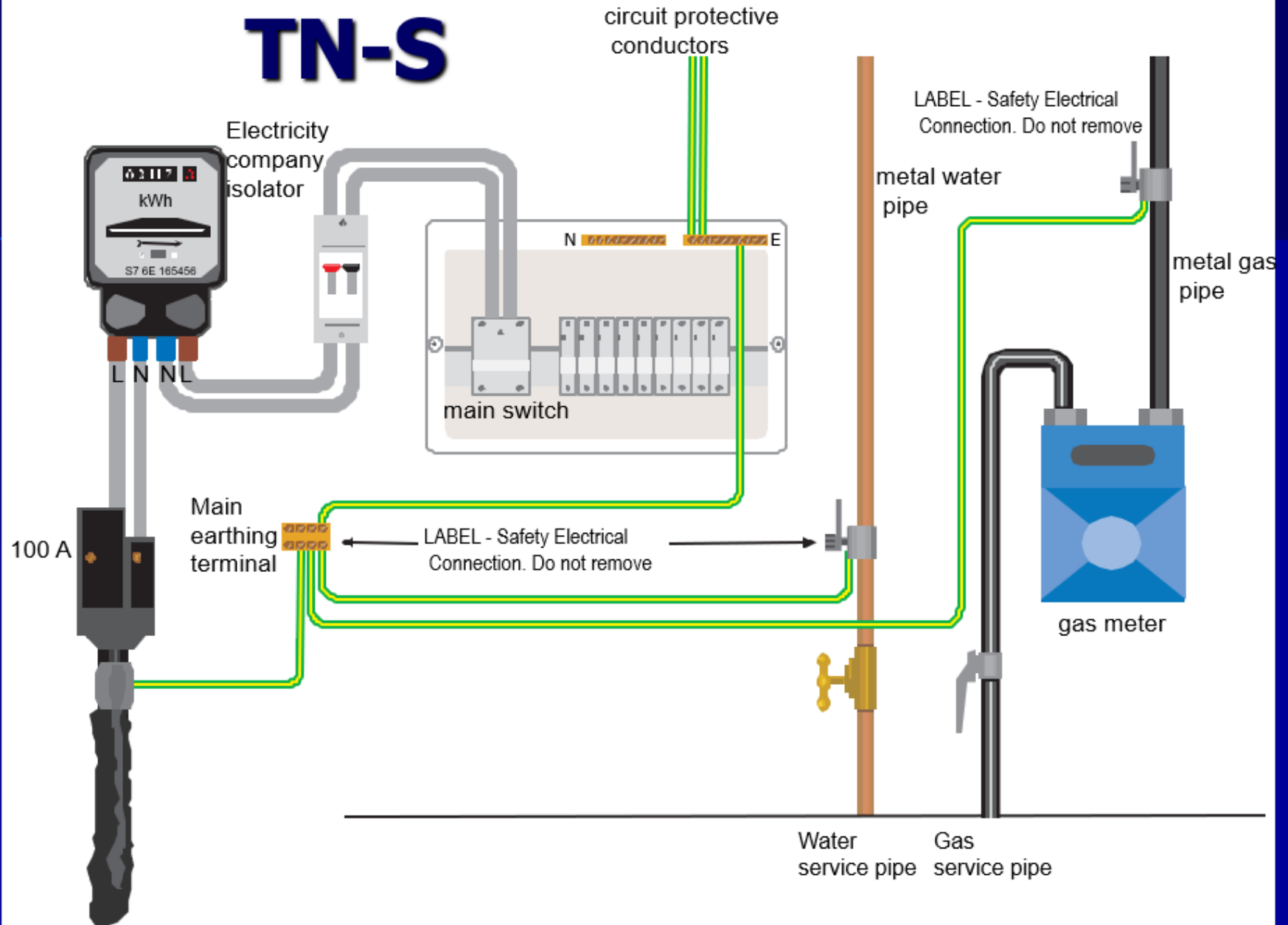
In a TN-S system the earth supplied by the DNO (Distribution Network Operator) is a separate conductor

In a TN-C-S system, the earth supplied by the DNO is combined with the neutral and then separated at the origin.

In a TT supply an earth is not provided by the DNO and needs to be supplied by the owner of the property

TN-C-S is by far the most popular supply in the UK, it is also referred to as PME(Protective Multiple Earthing)

# TN-S



## Domestic Consumer Terminal

