

## 2.2 Earthing scheme

The earthing scheme shall be one that ensures the lower resistance possible, it's recommended that the resistance obtained to be less than  $1\Omega$ . Once each type of soil as different conductivities values, this manual can only make recommendations.

One option it's to connect each earthing rod to the earth pin individually, see Figure 2- Earthing scheme. The earthing rods must spaced apart from each other as much as possible. It's recommended to bury the earthing rods at least 1m depth. In case of soils with very bad conductivity, the rods shall be buried deeper and chemical treatment can be used to improve the conductivity between the rod and the soil.

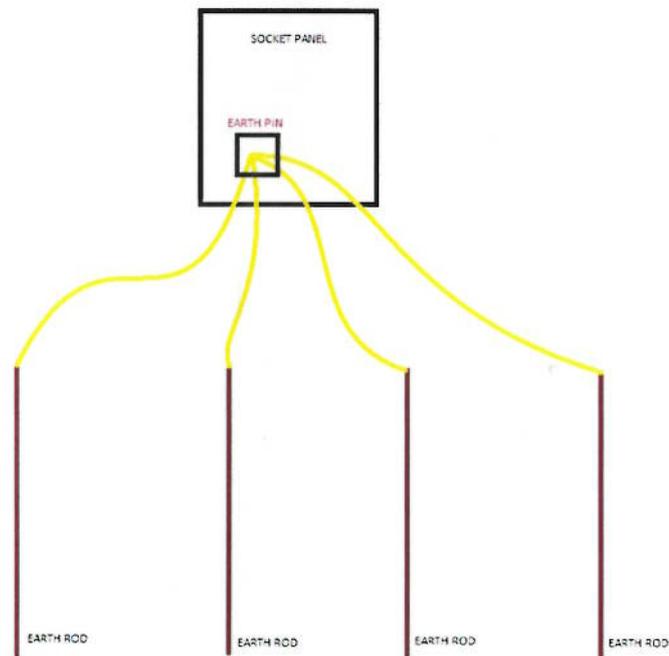


Figure 2- Earthing scheme