

ABSTRACT

Electrical appliances are very important in our daily life to save different purposes such as cooling. But the power line connected to it always fluctuate due to human error or lightning. This fluctuations cause damage to the appliance.

To overcome the problem, the high and low voltage cut off circuit has been implemented so as to disconnect our appliances in case there is any power fluctuations. The circuit is connected together with the appliance and then powered by the same a.c source

During the implementation of this project II different methods has been followed such as data analysis, circuit simulation, prototype building and testing, and report writing. Other methods were done during project I

The prototype has been built and it works properly as it was expected, all the objectives has been met.