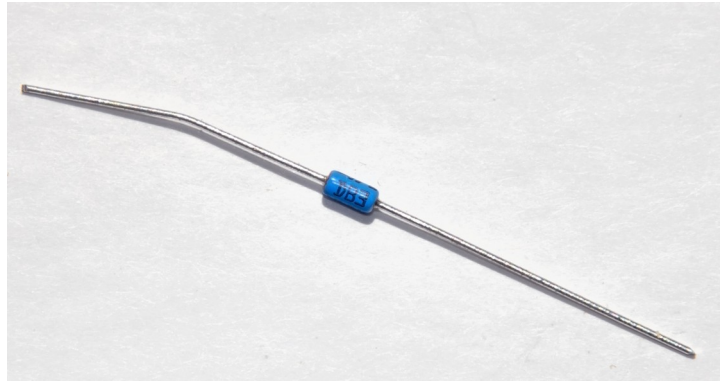
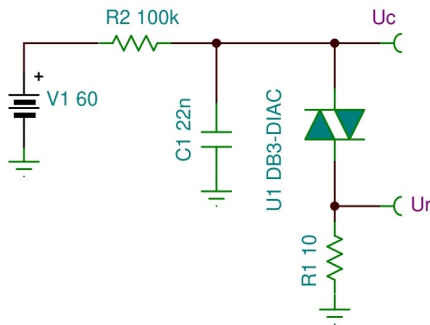
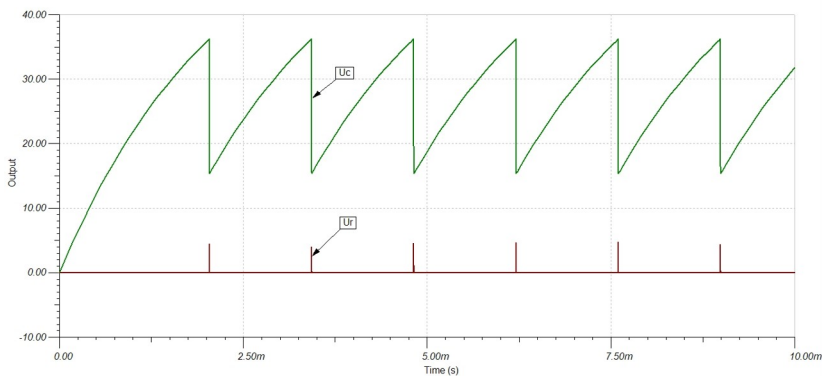


DB3 Diac Macro Model

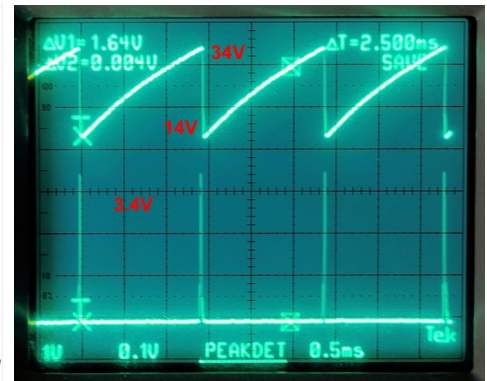
Transient Characteristics:



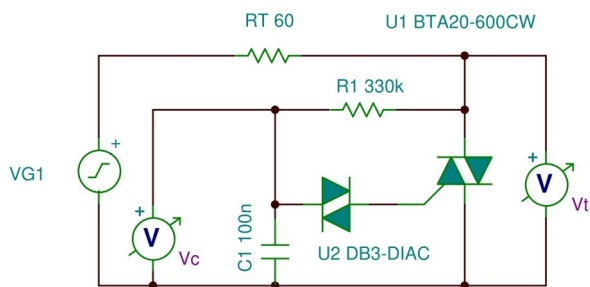
Model:



Real device:

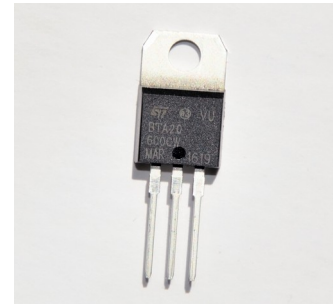


The typical structure of the DIAC-TRIAC combination used for smooth control of AC power:

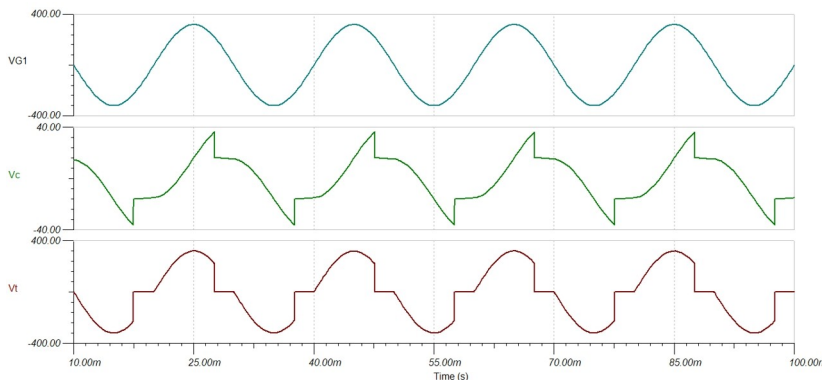


The R1 is used to control the applied voltage in both the half cycles .

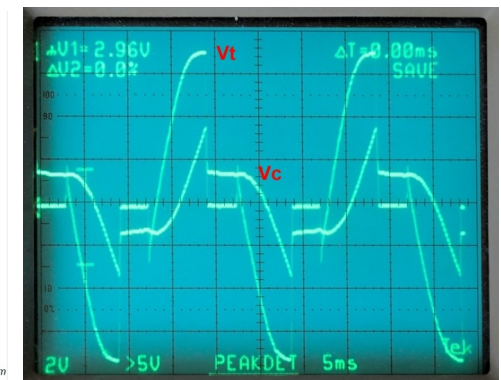
Vg1= 230VAC
Rload= 60Ω



Model:



Real circuit:



Zabb Csaba