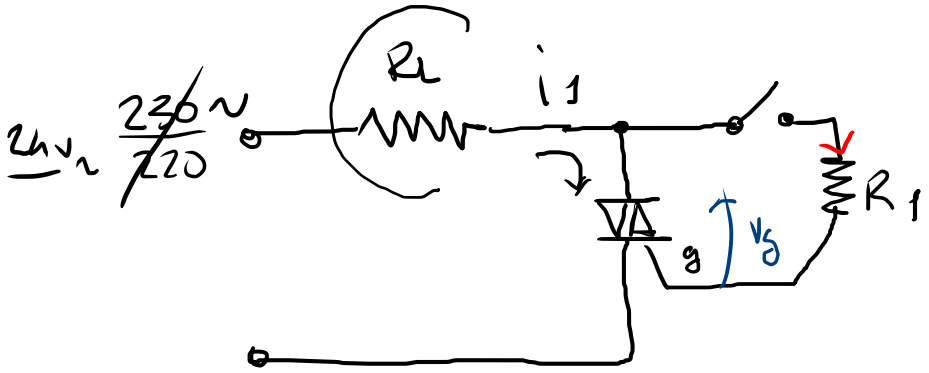
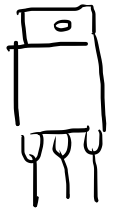
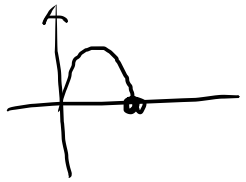
TRIAC



BTB 12-600C





$V = iR$

$V_g = 1{,}3$

$I_g = 10\,mA$

$R_1 = 180\,\Omega$

$i = \frac{V_g}{R} = \frac{1{,}3}{180} = 0{,}007\,A$

$7\,mA$

$R_1 < \frac{V}{i} < \frac{1{,}3\,V}{8\,mA} \simeq 162\,\Omega$

- $i = 1\,A$

$P = 1{,}5 \cdot 1\,A = 1{,}5\,W$