

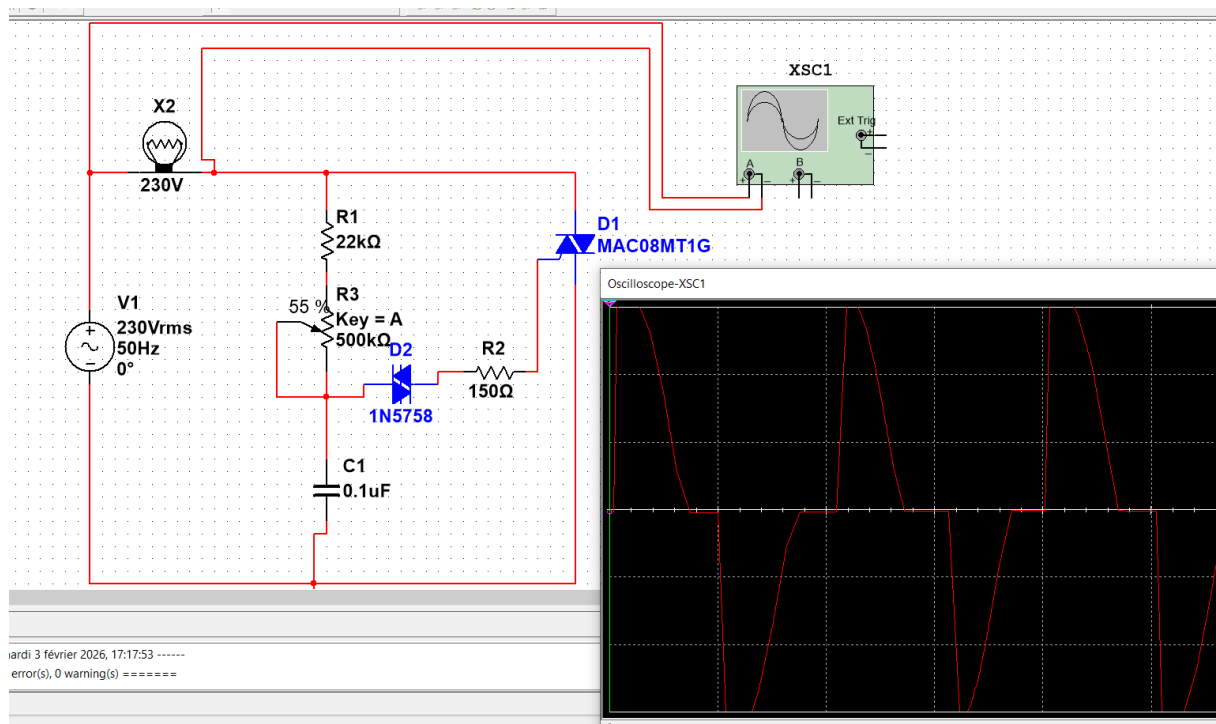
THYRISTOR in a dimmer circuit

I learned how to control phase angle control on AC

The diac is essential for the good symmetric work of the triac
the triac can now trigger on negative and positive states
with the help of rc we can control the timing of the trigger so we can
choose the phase angle we need

The resistor after the diac to protect the triac

The resistor before the potentiometer to protect the potentiometer



We need to use a insulated potentiometer for safety when touching it