Toroidal electric field generation circuit

Circuit for generation of a toroidal electric field E_t consisting of a capacitor bank which is triggered by PC

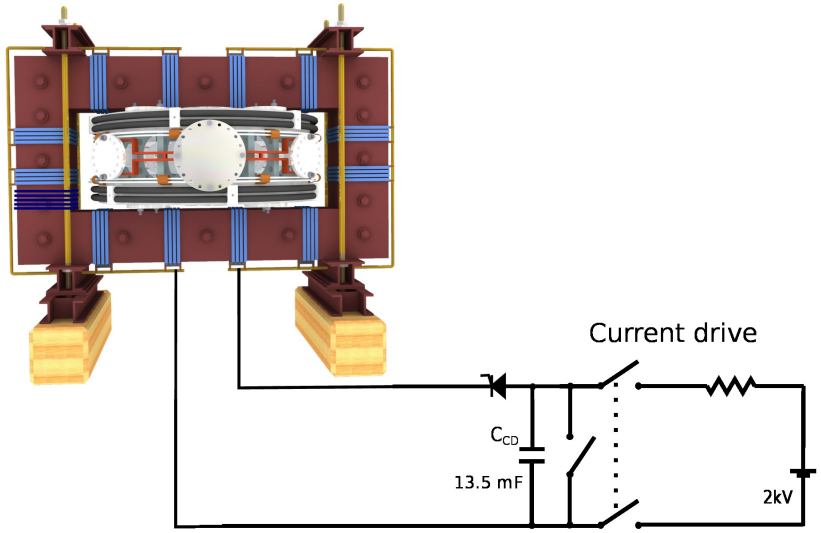

Figure 1: Toroidal electric field E_t circuit schematically

controlled thyristor into the primary winding of the iron transformer core. The current can be driven in both direction, thus the resulted field can be oriented in both clockwise and anticlockwise directions. Parameters:

- Capacity of the Current drive field capacitor $C_{CD} = 0.0135$ F
- Voltage range to charge the Current drive field E_t capacitor $U_{E_t}^{<,>} = 0.0135$ V
- Recommended voltage to charge the Current drive field E_t capacitor $U_{E_t}^{R} 0.0135$ V

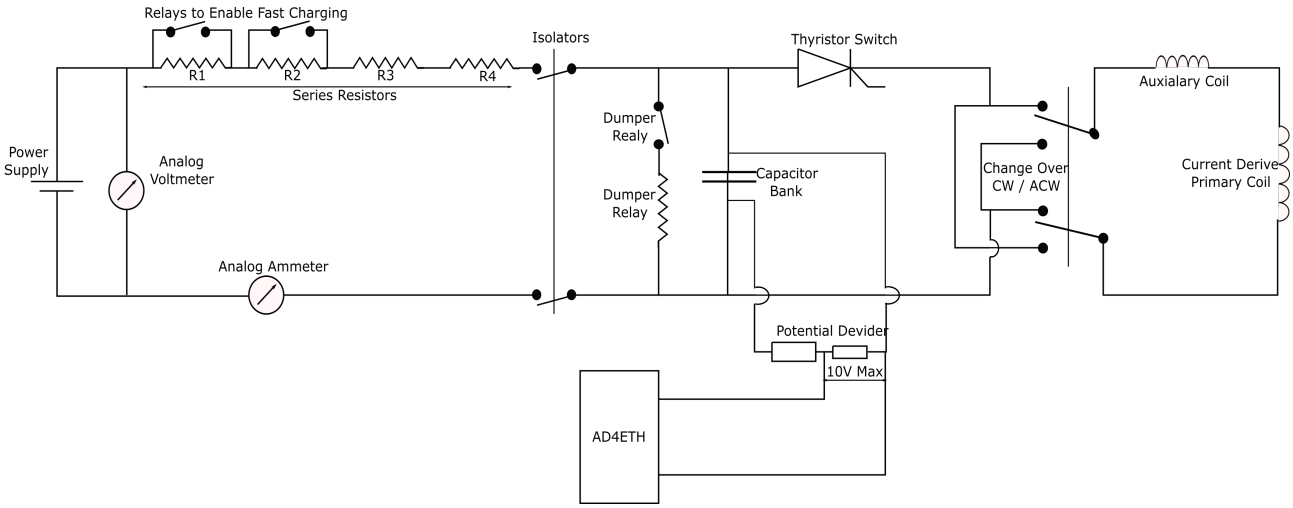

Figure 2: Scheme