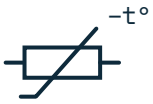
E1 homework

Answer all questions. Use the Data Booklet. Total: 9 marks.

1 **State** the name of this component. **[1]**



2 **State** the name of this component. **[1]**



3 **State** the energy change in a lamp. **[1]**

4 **State** the function of a diode. **[1]**

5 **State** a suitable input for a burglar alarm door contact and **justify** it. **[2]**

6 **Complete** a circuit: battery, lamp, ammeter in series, voltmeter across the lamp. **[3]**