202: Principles of electrical science  
**Worksheet 18: Electronic components**

Using your notes answer the following questions.

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| 1. | What is the purpose of the thyristor in the alarm circuit? |
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| 2. | What is the purpose of the capacitor in the telephone socket? |
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| 3. | What is the purpose of the bridge rectifier in the motor control circuit? |
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| 4. | In the thermostat what is the purpose of the thermistor? |
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| 5. | In the dimmer switch what is the purpose of the diac? |
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