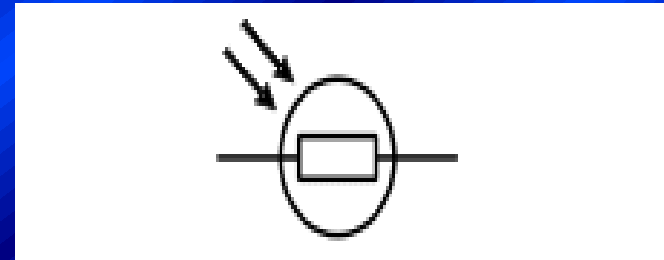


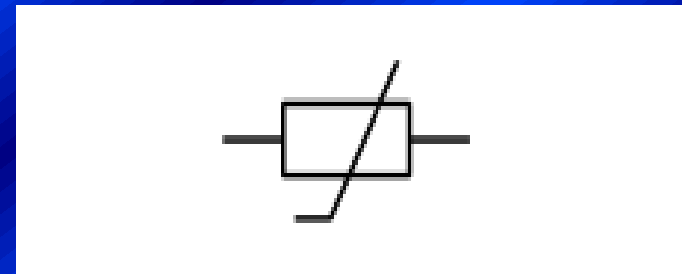
Practical uses of LDRs and thermistors by Nicole

Symbols

- LDRs Symbol :



- Thermistors Symbol:



LDRs

LDRs which means 'light-dependent resistors' are used to detect light levels.

For Example: In automatic security lights, their resistance decreases as the light intensity increases.

- In the dark and at low light levels, the resistance of an LDR is high, and little current can flow through it
- In bright light, the resistance of an LDR is low, and more current can flow through it.

Thermistors

Thermistors are used as temperature sensors.

For Example: In fire alarms, their resistance decreases as the temperature increases.

- At low temperatures, the resistance of a thermistor is high, and little current can flow through them.
- At high temperatures, the resistance of a thermistor is low, and more current can flow through them.