Electrical Circuit Symbols

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| **Symbol** | **Component** | **Function** |
|  |  | * Electrical source * Longer side is the positive side * The shorter side is the negative side |
|  |  | * Opens and closes the circuit |
|  |  | * Measures voltage through a device |
|  |  | * Measures current through a device |
|  | * Motor | * A type of resistor |
|  | * Lamp | * Specific load * Converts electricity to heat and light |
|  | * Resistor | * General load * Converts electricity to heat |
|  |  | * Conductor * Allows electrons to flow |
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