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
 |
|  |  |  |