Title:

Relay

Sensor/Indicator/Actuator:

Actuator

Features:

Interrupts the Flow of Electricity

Connection:

Digital

Summary:

A relay is a big switch. It is normally open meaning not connected. When a HIGH signal is sent to it, the relay is energized and completes the connection. Thus making the switch or circuit connected.

```
#define RELAY_SOCKET 6

// the setup routine runs once when you press reset:
void setup() {
  // initialize the digital pin as an output.
  pinMode(RELAY_SOCKET, OUTPUT);
}

// the loop routine runs over and over again forever:
void loop() {
    // turn the relay on
    digitalWrite(RELAY_SOCKET, HIGH);
    // Wait 1 second
    delay(1000);
    // Turn the relay off
    digitalWrite(RELAY_SOCKET, LOW);
    // Wait 1 second
    delay(1000);
}
```