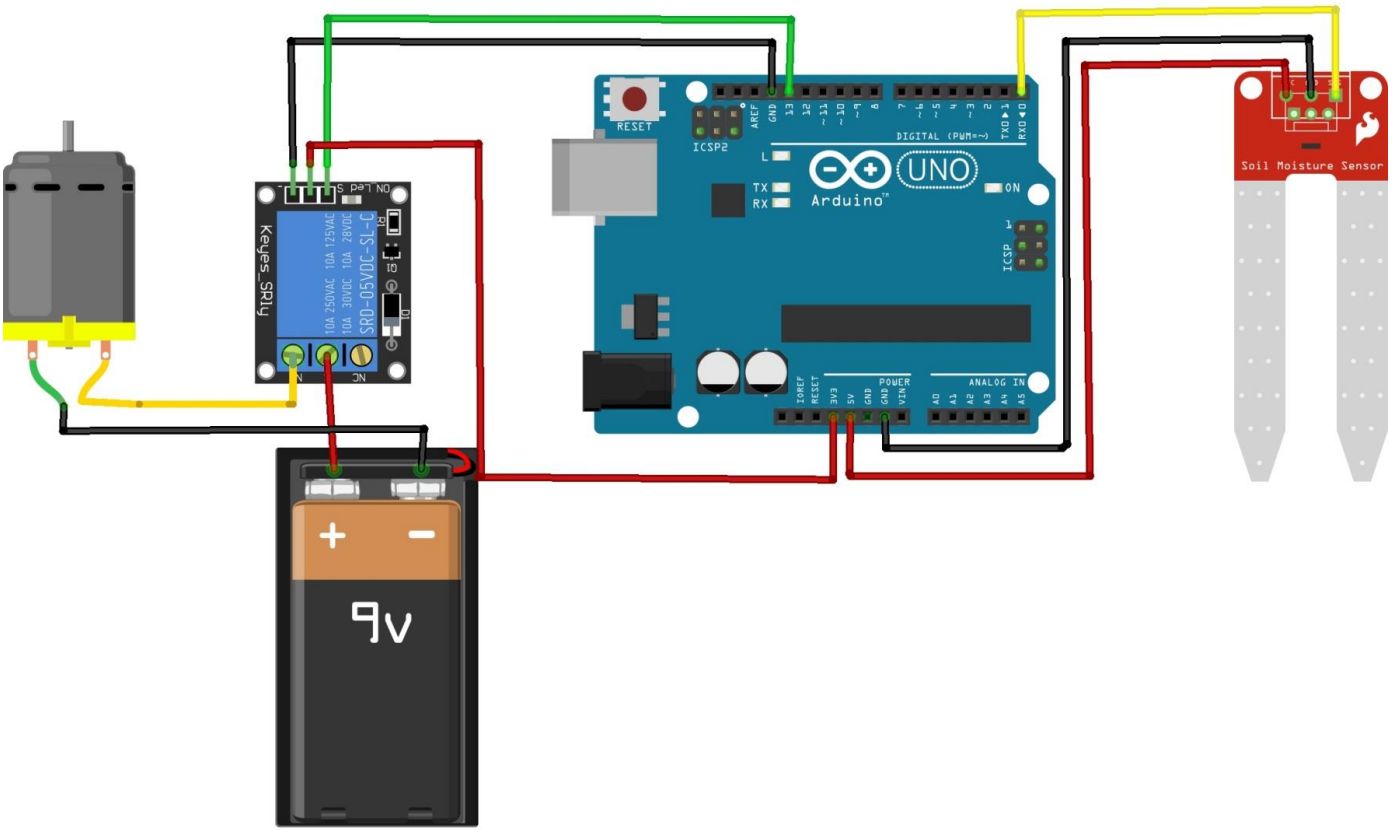
```
int RelayPin = 13;

int sensorPin = 0;

int val;


void setup() {

  pinMode(13,OUTPUT);//connect the (SIGNAL PIN)of relay to (13PIN) of arduino

  pinMode(0,INPUT);//connect the (SIGNAL PIN)of SENSOR to (0PIN) of arduino

 }


void loop() {

  val = digitalRead(0);

  if(val == LOW) {

  digitalWrite(13,LOW);//if sensor give LOW value send LOW value to relay

}

else{

  digitalWrite(13,HIGH);//if sensor give HIGH value send HIGH value to relay

}}
```



RESET
ICSP2
DIGITAL (PWM=~)
UNO
Arduino
TX
RX
ON
ICSP
POWER
ANALOG IN
Keyes_SRly
SRD-05VDC-SL-C
Soil Moisture Sensor
9v
fritzing