










Wire Connection Guide		
Wire		Connection
	1	WeMos 5V to Relay VCC
	2	WeMos GND to Relay GND
	3	WeMos digital pin 7 to Relay IN2
	4	WeMos digital pin 6 to Relay IN1
	5	Relay K1 to Garage Opener button 1
	6	Relay K2 to Garage Opener button 2



EI-VISUAL\_AID- 16215-205-11  
 Date 04/25/2016 Description ECR-2918 By SH(1) Rev A  
 Status: Released to production

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Bill of Material			
Item	Picture	Specification	Qty
YES		Nominal 1.00 ounce(s) WeMos D1 or equivalent with ESP-8266EX microcontroller. Clock Speed 80MHz/160MHz Flash 4 M bytes Board level 3.3 Volts.	1
YES		Nominal 2.06 ounce(s) 2 channel 5V board. Relay high current, AC 250V 10 amp, DC 30 V 10 amp	1
YES	Internal Wires	22 AWG Male To Female	4
YES	External Wires	20/4 AWG, 0.013" Thermostat Cable Length = as required	TBD
YES	USB Cable	<a href="#">Cable to program Arduino</a> <a href="#">go to www.arduino.cc</a>	1
YES	Power Supply	 AC to DC >5V, >650mA	1

