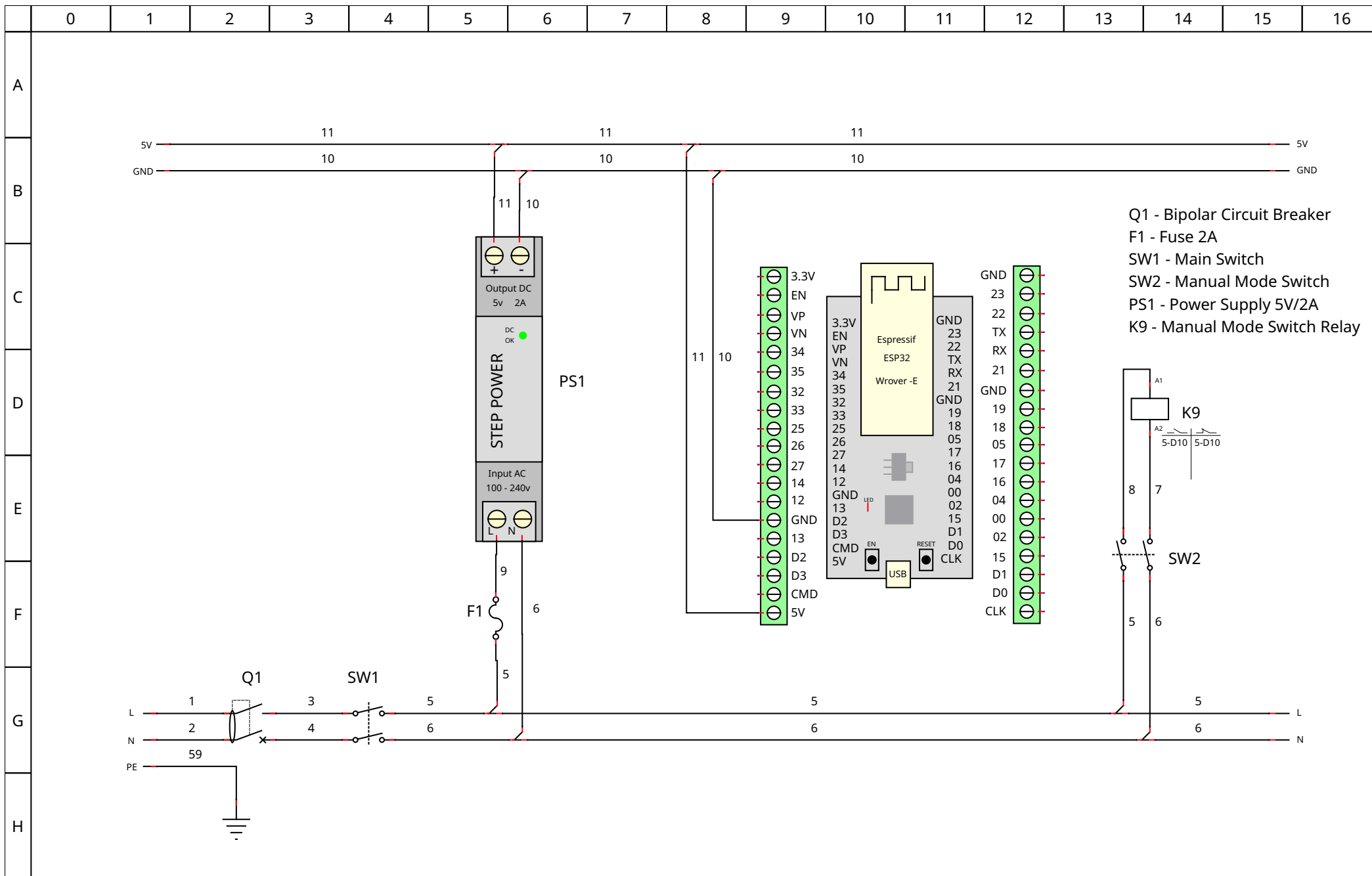
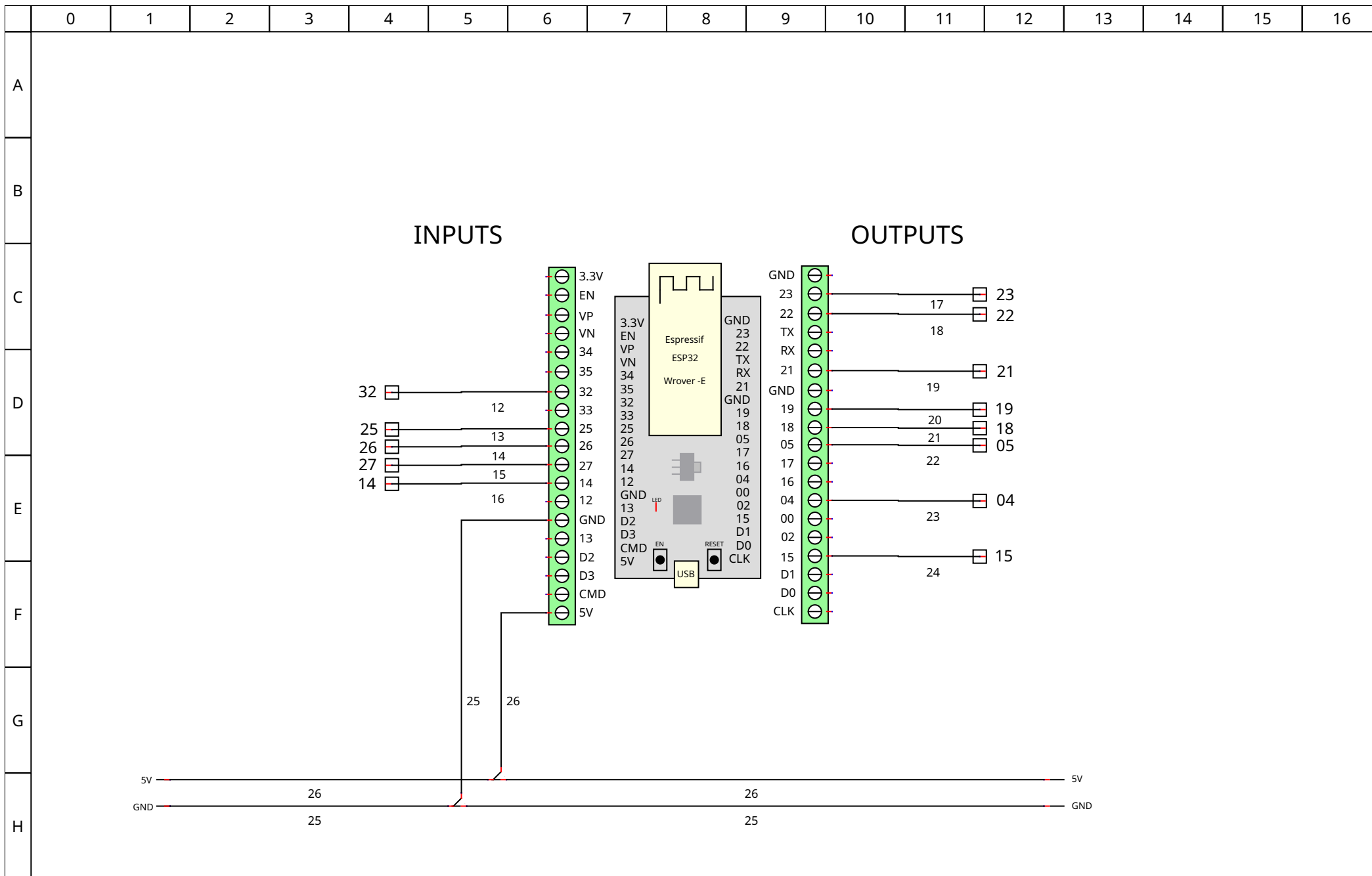
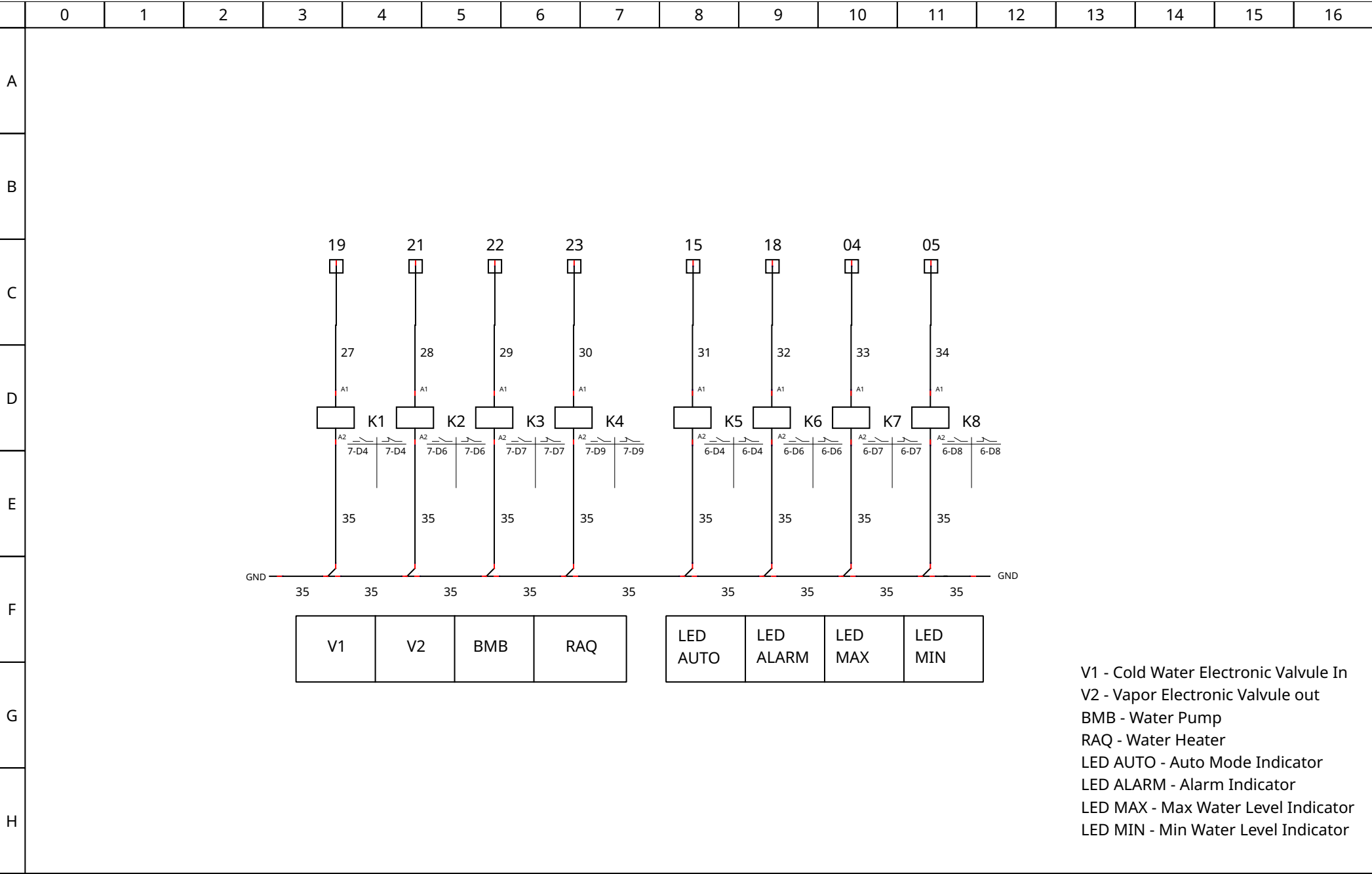


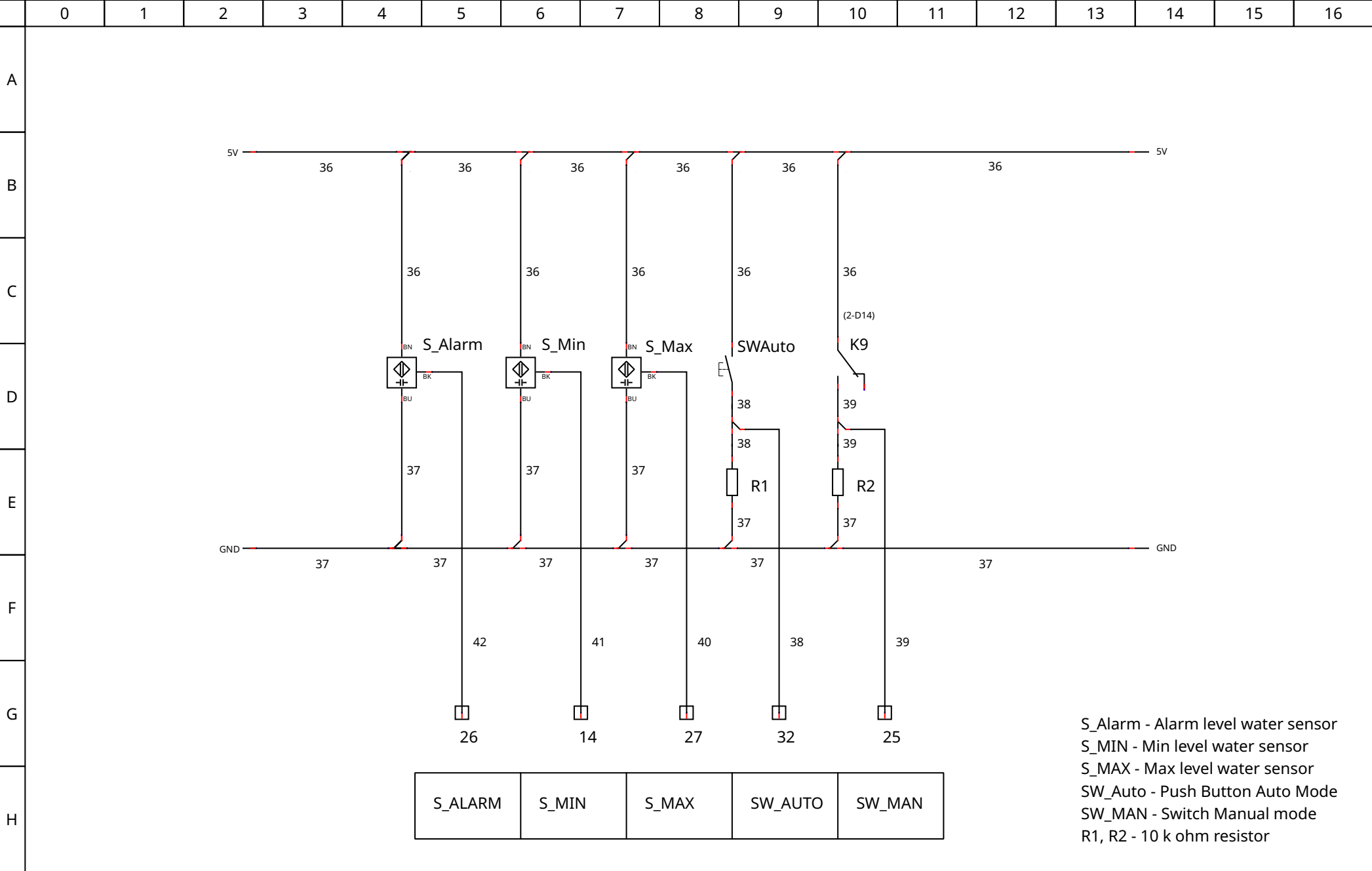
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Author: Sérgio Carmo				Cover								File:					
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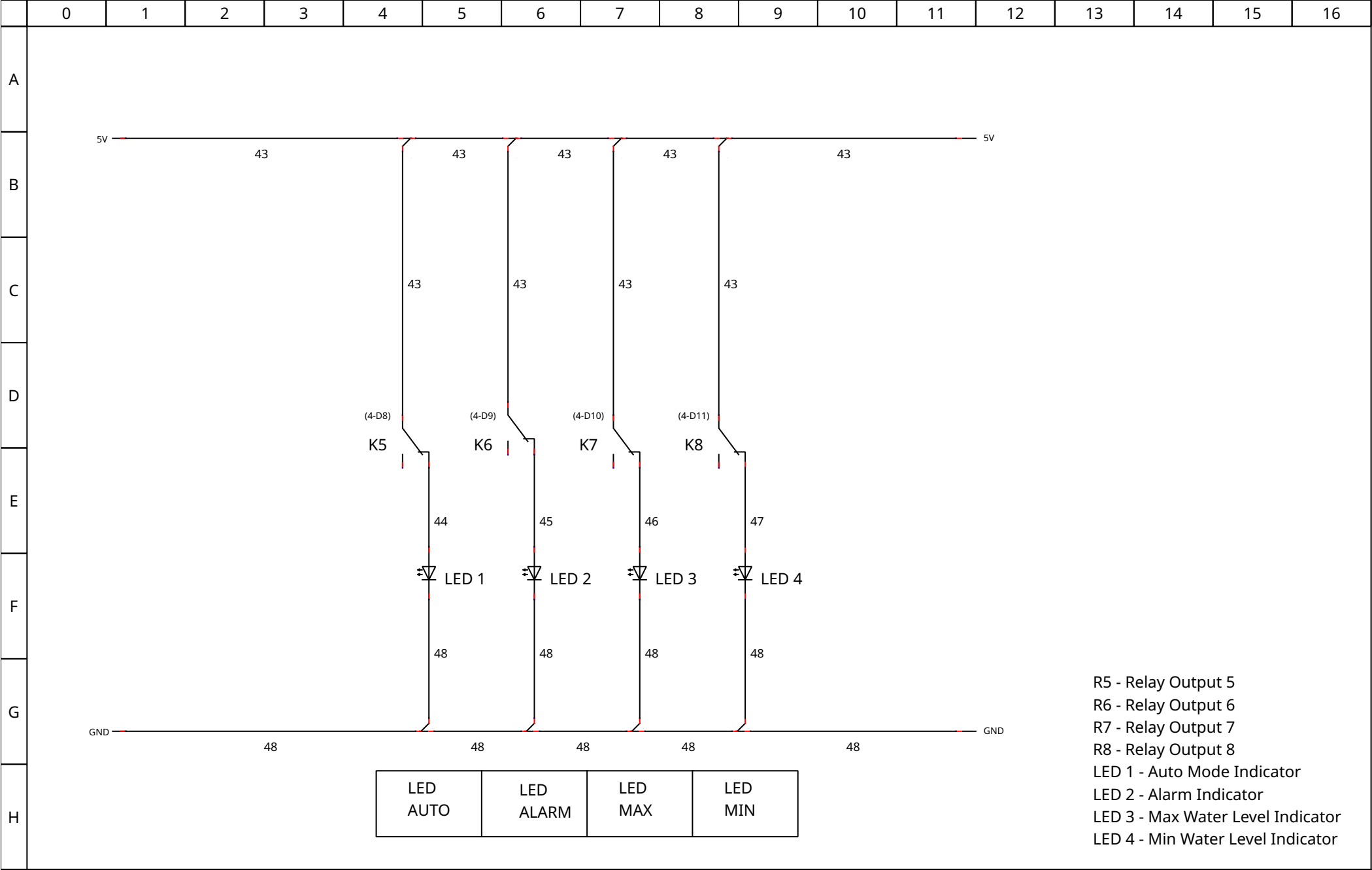


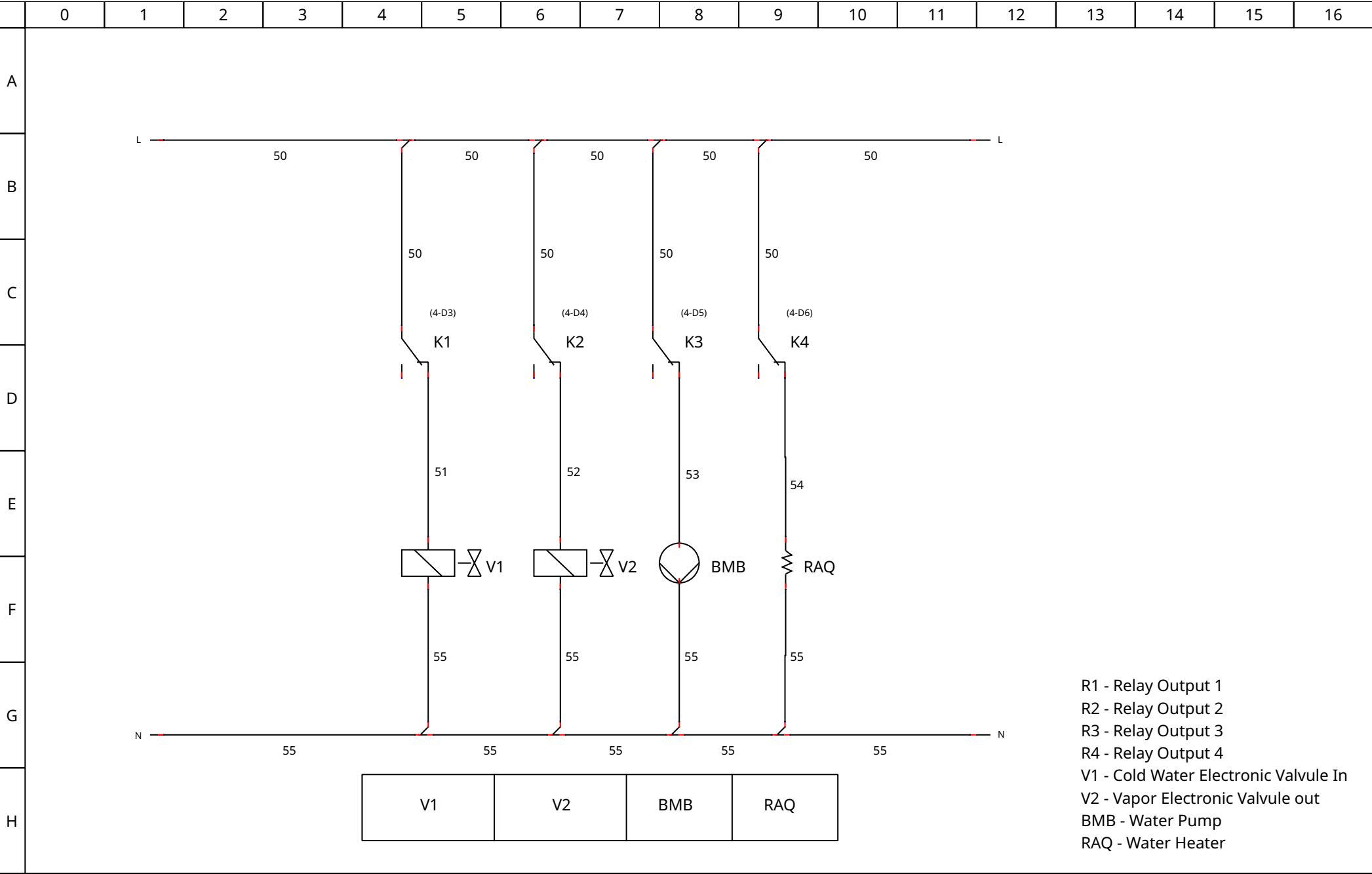




V1 - Cold Water Electronic Valvule In
V2 - Vapor Electronic Valvule out
BMB - Water Pump
RAQ - Water Heater
LED AUTO - Auto Mode Indicator
LED ALARM - Alarm Indicator
LED MAX - Max Water Level Indicator
LED MIN - Min Water Level Indicator







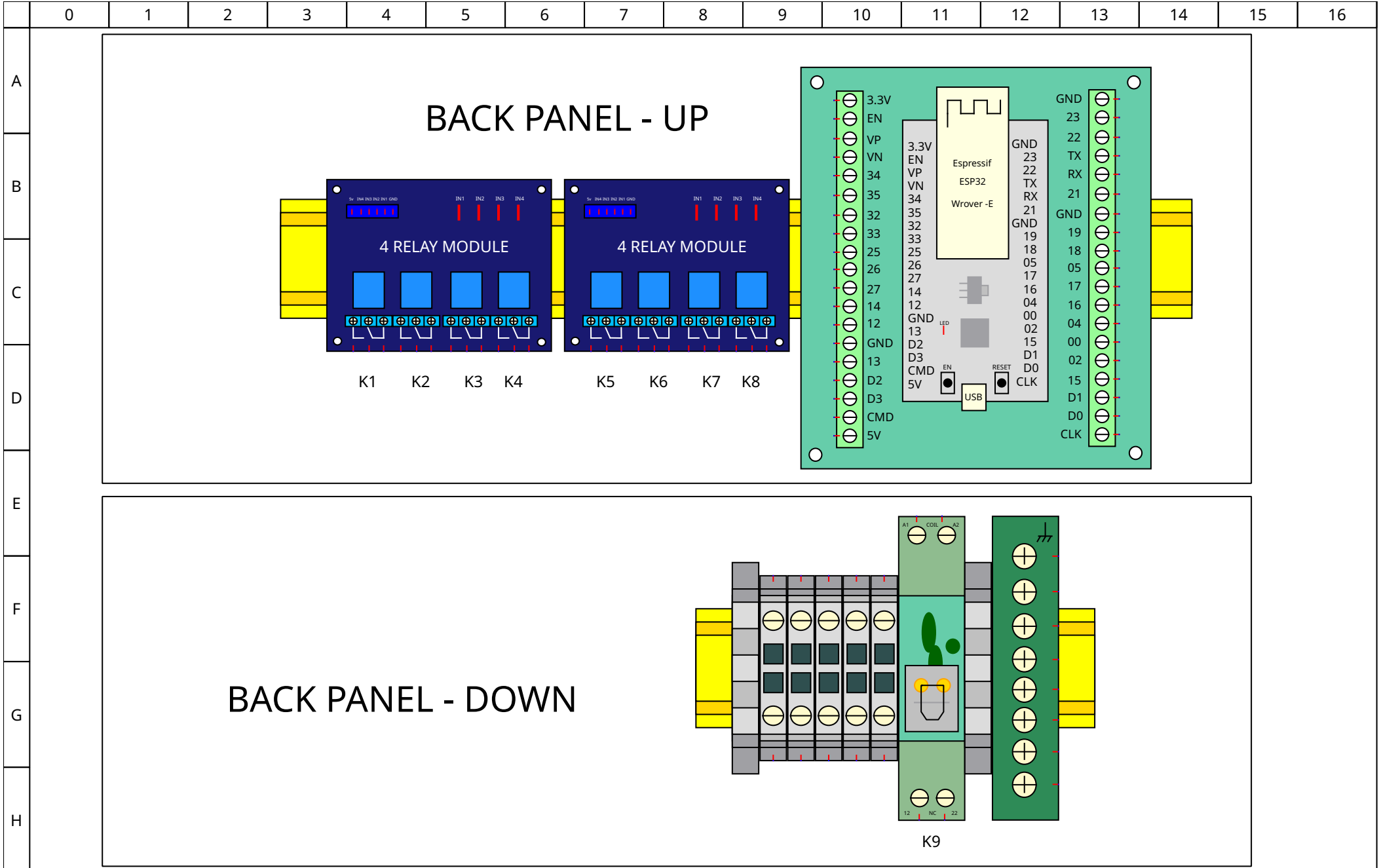
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The front panel is a light blue rectangular area containing three main sections:

- POWER Section:** Located at the top, it features a digital display showing '1' over '0'.
- STEAM Section:** Located in the middle, it includes an 'AUTO IND' indicator (orange circle), an 'AUTO SW' indicator (green circle), a 'MANUAL' indicator (green circle), and a digital display showing '1' over '0'.
- GENERATOR Section:** Located at the bottom, it features a 'LEVEL' indicator (blue vertical bar) and three status indicators: 'MAX' (green circle), 'MIN' (orange circle), and 'ALARM' (red circle).

The side panel is a grey rectangular area containing three main sections:

- STEP POWER Section:** Located on the left, it features a digital display showing '1' over '0'.
- Output DC Section:** Located in the middle, it includes an 'Output DC' indicator (green circle), a 'DC OK' indicator (green circle), and a digital display showing '1' over '0'.
- Input AC Section:** Located on the right, it includes an 'Input AC' indicator (green circle), a '100 - 240v' indicator (green circle), and a digital display showing '1' over '0'.



	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A																	
B																	
C	Scheme	Symbol	Quantity	Description						Manufacturer		Ref. Manufacturer	Supplier	Ref. Supplier			
			1	Circuit Breaker						Schneider		iDPN N C 16A					
			1	Main Switch With Built-in 240V Neon Indicator													
			1	Bus Power Supply 5V						Phoenix Contact							
D			1	Fuse													
			1	Esp32 Wrover-E						EspressIf							
			1	Esp32 Expansion Board								616					
			2	4 Relay Module								2PH63083A					
E			3	Liquid Proximity Sensor													
			1	Push Button													
			1	240V Relay													
			2	10k ohm Resistor													
F			4	5V LED Indicator													
			2	240V Water Valve						M.M		B297DVE					
			1	240V Water Pump						Gorman Rupp Industries							
			1	240V Water Heater													
G			1	Push Switch Button With Built-in 240V Neon Indicator													
			29	Bus Connector													
			1	Bus Connector 8 Outputs													
			4	Bus Holder													
H																	