

SWITCH	CLOSE	OPEN
CLS		
OLS		
ACLS		
AOLS		

2	4	6	8	10	12	14
1	3	5	7	9	11	13

The diagram illustrates the wiring for the PROPORTIONAL CONTROL UNIT (PCU). It features a terminal block with 14 terminals and a PCU CARD with 9 pins. The connections are as follows:

- Terminal 1:** Connected to the HEATER (2W).
- Terminal 2:** Connected to the PCU CARD pin 1 (POWER(+)).
- Terminal 3:** Connected to the PCU CARD pin 2 (POWER(-)).
- Terminal 4:** Connected to the PCU CARD pin 3 (AUTO).
- Terminal 5:** Connected to the PCU CARD pin 4 (MANU CLOSE).
- Terminal 6:** Connected to the PCU CARD pin 5 (MANU OPEN).
- Terminal 7:** Connected to the PCU CARD pin 6 (CLS).
- Terminal 8:** Connected to the PCU CARD pin 7 (OLS).
- Terminal 9:** Connected to the PCU CARD pin 8 (MOTOR CW).
- Terminal 10:** Connected to the PCU CARD pin 9 (MOTOR CCW).
- Terminal 11:** Connected to the PCU CARD pin 1 (POWER(+)).
- Terminal 12:** Connected to the PCU CARD pin 2 (POWER(-)).
- Terminal 13:** Connected to the PCU CARD pin 3 (AUTO).
- Terminal 14:** Connected to the PCU CARD pin 4 (MANU CLOSE).

Additional components and connections include:

- HEATER (2W):** Connected to Terminal 1.
- MANU/AUTO Switch:** Controls the PCU CARD pins 3 (AUTO) and 4 (MANU CLOSE).
- AUX CONTACT (MAX, 250VAC 3A):** Connected to Terminals 7 (CLS) and 8 (OLS).
- INPUT SIGNAL (4-20mA):** Connected to Terminals 11 (+) and 12 (-).
- POSITION INDICATOR (4-20mA):** Connected to Terminals 13 (+) and 14 (-).
- FEED BACK POTENTIOMETER:** Connected to Terminals 1, 2, and 3.
- OPEN/CLOSE LED LAMP:** Connected to Terminals 9 (MOTOR CW) and 10 (MOTOR CCW).

		DRAW	H.J KWON							
				SYM	E C N NO	CHANGES	DATE	SIGN	APPD	
		CHECK		PART NAME AC24V WIRING DIAGRAM PCU						
		APPD								
SA05L	1									
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