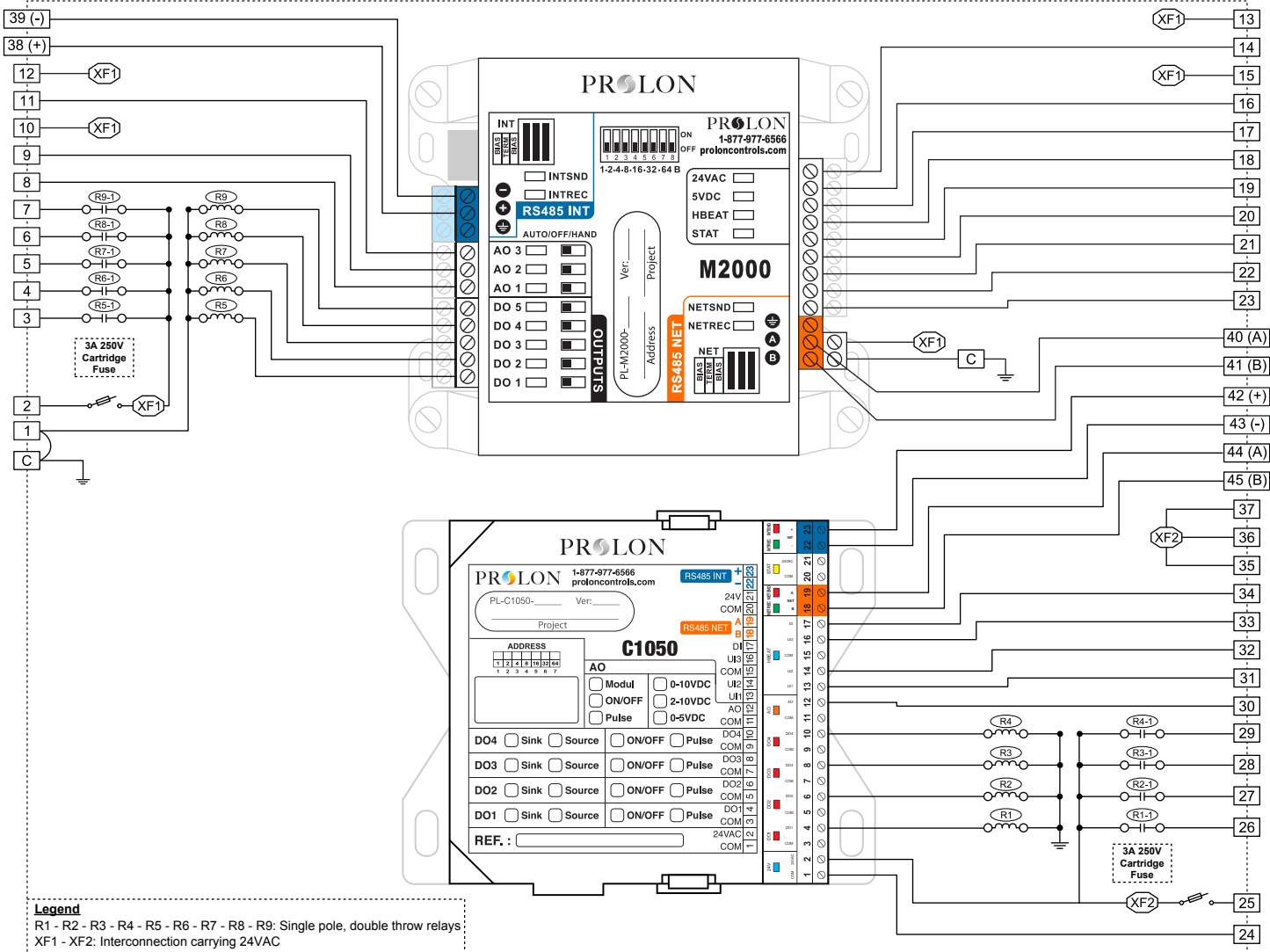


PL-PN2-C1-WLC-M2-FLX

VERSION 2

Internal Electrical Wiring Diagram



Field Wiring Details

ALL TERMINALS: Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm

Terminal	Function	Ratings	Terminal	Function	Ratings
	GROUND	N/A	23	Analog Input 1	5VDC, 20mA
1 - 24	Power Supply Input Common	N/A	25	Supply Input 24VAC (XF2)	24VAC, 3A, 60Hz
2	Supply Input 24VAC (XF1)	24VAC, 3A, 60Hz	26	Boiler (Digital - ON/OFF)	N/A
3	Digital Output 1	24VAC, 300mA	27	Valve / Damper / Cooling (Digital - ON/OFF)	N/A
4	Digital Output 2	24VAC, 300mA	28	Spray Pump (Digital - ON/OFF)	N/A
5	Digital Output 3	24VAC, 300mA	29	Water Tower Stage 1 (Digital - ON/OFF)	24VAC, 300mA
6	Digital Output 4	24VAC, 300mA	30	Water Tower Stage 2 (Analog 0-10 VDC)	0-10VDC, 40mA
7	Digital Output 5	24VAC, 300mA	31	Auxiliary Temperature Sensor (10K Thermistor)	N/A
8	Analog Output 1	0-10VDC, 40mA	32	Return Water Temperature Sensor (10K Thermistor)	N/A
9	Analog Output 2	0-10VDC, 40mA	33	Supply Water Temperature Sensor (10K Thermistor)	N/A
10	Power Supply 24VAC	24VAC, 8.5VA	34	Auxiliary Digital Input	N/A
11	Analog Output 3	0-10VDC, 40mA	35	Power Supply 24VAC	24VAC, 3A 60Hz
12	Power Supply 24VAC	24VAC, 5VA	36	Power Supply 24VAC	24VAC, 3A 60Hz
13	Power Supply 24VAC	24VAC, 0.03A	37	Power Supply 24VAC	24VAC, 3A 60Hz
14	Analog Input 9	5VDC, 20mA	38 (+)	M2000 RS485 INT A (+)	N/A
15	Power Supply 24VAC	24VAC, 6.7VA	39 (-)	M2000 RS485 INT B (-)	N/A
16	Analog Input 8	5VDC, 20mA	40 (A)	M2000 RS485 NET A (+)	N/A
17	Analog Input 7	5VDC, 20mA	41 (B)	M2000 RS485 NET B (-)	N/A
18	Analog Input 6	5VDC, 20mA	42 (+)	C1050 RS485 INT A (+)	N/A
19	Analog Input 5	5VDC, 20mA	43 (-)	C1050 RS485 INT B (-)	N/A
20	Analog Input 4	5VDC, 20mA	44 (A)	C1050 RS485 NET A (+)	N/A
21	Analog Input 3	5VDC, 20mA	45 (B)	C1050 RS485 NET B (-)	N/A
22	Analog Input 2	5VDC, 20mA	C	COMMON	N/A

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.