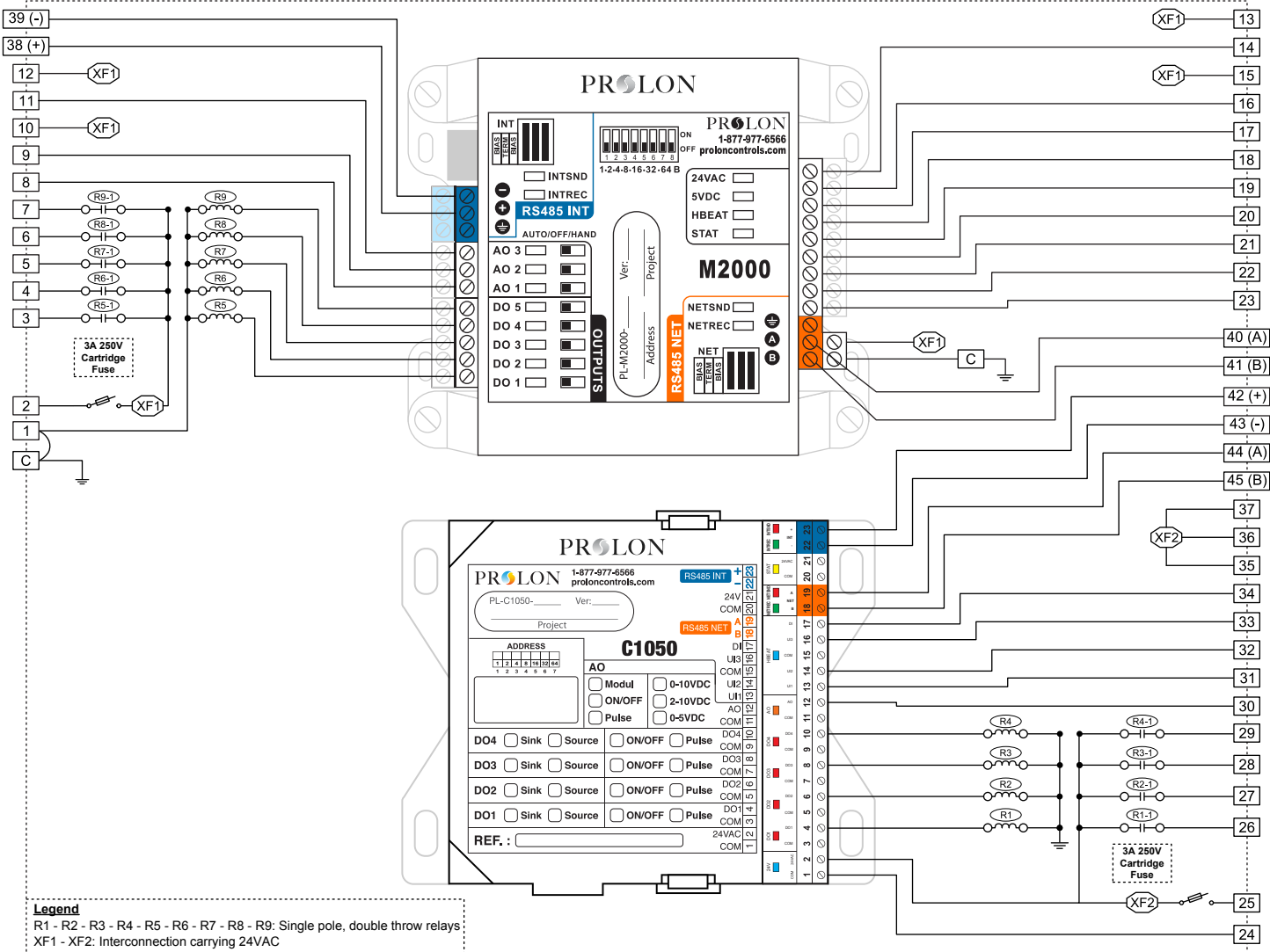


PL-PN2-C1-FLX-M2-CHL

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	CHL Outside Water Temp Thermistor (10K Type 3)	N/A
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	Digital Output 1	24VAC, 300mA
3	Pump 1 (CHL) Output	24VAC, 300mA	27	Digital Output 2	24VAC, 300mA
4	Pump 2 (CHL) Output	24VAC, 300mA	28	Digital Output 3	24VAC, 300mA
5	Chiller 1 Output	24VAC, 300mA	29	Digital Output 4	24VAC, 300mA
6	Chiller 2 Output	24VAC, 300mA	30	Analog Output 1	0-10VDC, 40mA
7	Chiller 3 Output	24VAC, 300mA	31	Universal Input 1	N/A
8	VFD Pump 1 (CHL) Output	0-10VDC, 40mA	32	Universal Input 2	N/A
9	VFD Pump 2 (CHL) Output	0-10VDC, 40mA	33	Universal Input 3	N/A
10	Power Supply 24VAC	24VAC, 8.5VA	34	Digital Input (Dry Contact)	N/A
11	Chiller 4 Output	0-10VDC, 40mA	35	Power Supply 24VAC	24VAC, 60Hz
12	Power Supply 24VAC	24VAC, 5VA	36	Power Supply 24VAC	24VAC, 60Hz
13	Power Supply 24VAC	24VAC, 0.03A	37	Power Supply 24VAC	24VAC, 60Hz
14	Alarm (Dry Contact)	0-5VDC, 5uA	38 (+)	M2000 RS485 INT A (+)	N/A
15	Power Supply 24VAC	24VAC, 6.7VA	39 (-)	M2000 RS485 INT B (-)	N/A
16	Water Pressure	4-20mA, 1-5VDC	40 (A)	M2000 RS485 NET A (+)	N/A
17	Condenser Water Temp Leaving	N/A	41 (B)	M2000 RS485 NET B (-)	N/A
18	Condenser Water Temp Entering	N/A	42 (+)	C1050 RS485 INT A (+)	N/A
19	Dry Contact for Proof of Pump 1 (CHL)	N/A	43 (-)	C1050 RS485 INT B (-)	N/A
20	Dry Contact for Proof of Pump 2 (CHL)	N/A	44 (A)	C1050 RS485 NET A (+)	N/A
21	CHL Return Water Temp Thermistor (10K Type 3)	N/A	45 (B)	C1050 RS485 NET B (-)	N/A
22	CHL Supply Water Temp Thermistor (10K Type 3)	N/A	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.