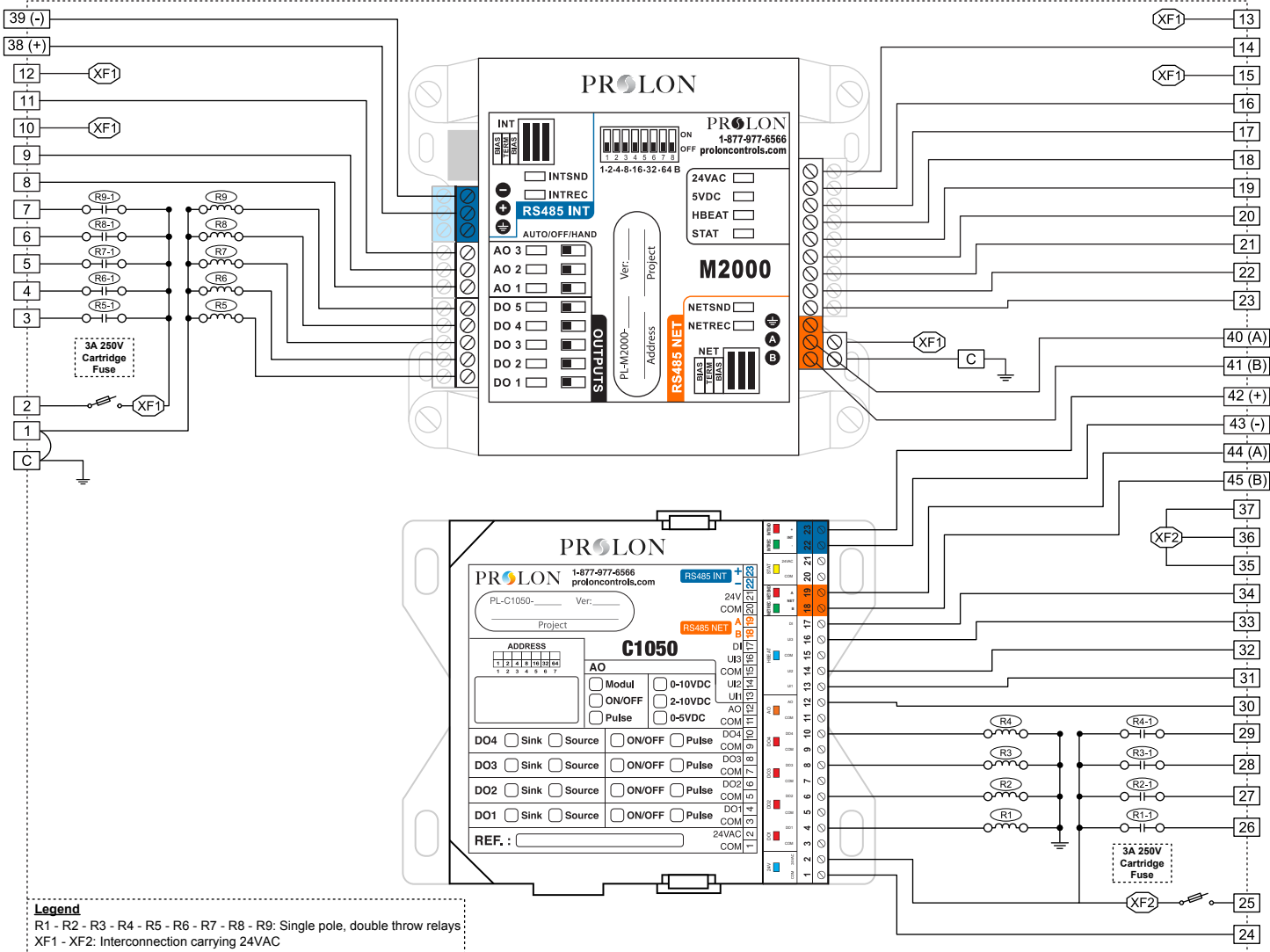


PL-PN2-C1-FLX-M2-MUA

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	Dry Contact for Exhaust 1	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	Occupancy Output	24VAC, 300mA	27	Digital Output 2	24VAC, 300mA
4	Outside Air Damper Output	24VAC, 300mA	28	Digital Output 3	24VAC, 300mA
5	Fan Output	24VAC, 300mA	29	Digital Output 4	24VAC, 300mA
6	Preheat Permission Output	24VAC, 300mA	30	Analog Output 1	0-10VDC, 40mA
7	Alarm Output	24VAC, 300mA	31	Universal Input 1	N/A
8	Modulating Heat Output	0-10VDC, 40mA	32	Universal Input 2	N/A
9	Cooling Output	0-10VDC, 40mA	33	Universal Input 3	N/A
10	24VAC Supply	24VAC, 8.5VA	34	Digital Input (Dry Contact)	N/A
11	VFD Output	0-10VDC, 40mA	35	Power Supply 24VAC	24VAC, 60Hz
12	VFD Supply	24VAC, 5VA	36	Power Supply 24VAC	24VAC, 60Hz
13	Static Pressure Sensor Supply	24VAC, 0.03A	37	Power Supply 24VAC	24VAC, 60Hz
14	CO2 / Building Pressure	0-5VDC, 20mA	38 (+)	M2000 RS485 INT A (+)	N/A
15	CO2 Sensor Supply	24VAC, 6.7VA	39 (-)	M2000 RS485 INT B (-)	N/A
16	Zone Temperature	N/A	40 (A)	M2000 RS485 NET A (+)	N/A
17	Outside Temperature	N/A	41 (B)	M2000 RS485 NET B (-)	N/A
18	Supply Temperature	N/A	42 (+)	C1050 RS485 INT A (+)	N/A
19	Dry Contact for Manual Reset	N/A	43 (-)	C1050 RS485 INT B (-)	N/A
20	Dry Contact for Proof of Fan	N/A	44 (A)	C1050 RS485 NET A (+)	N/A
21	Dry Contact for Outside Air Damper	N/A	45 (B)	C1050 RS485 NET B (-)	N/A
22	Dry Contact for Exhaust 2 / Manual Override	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.