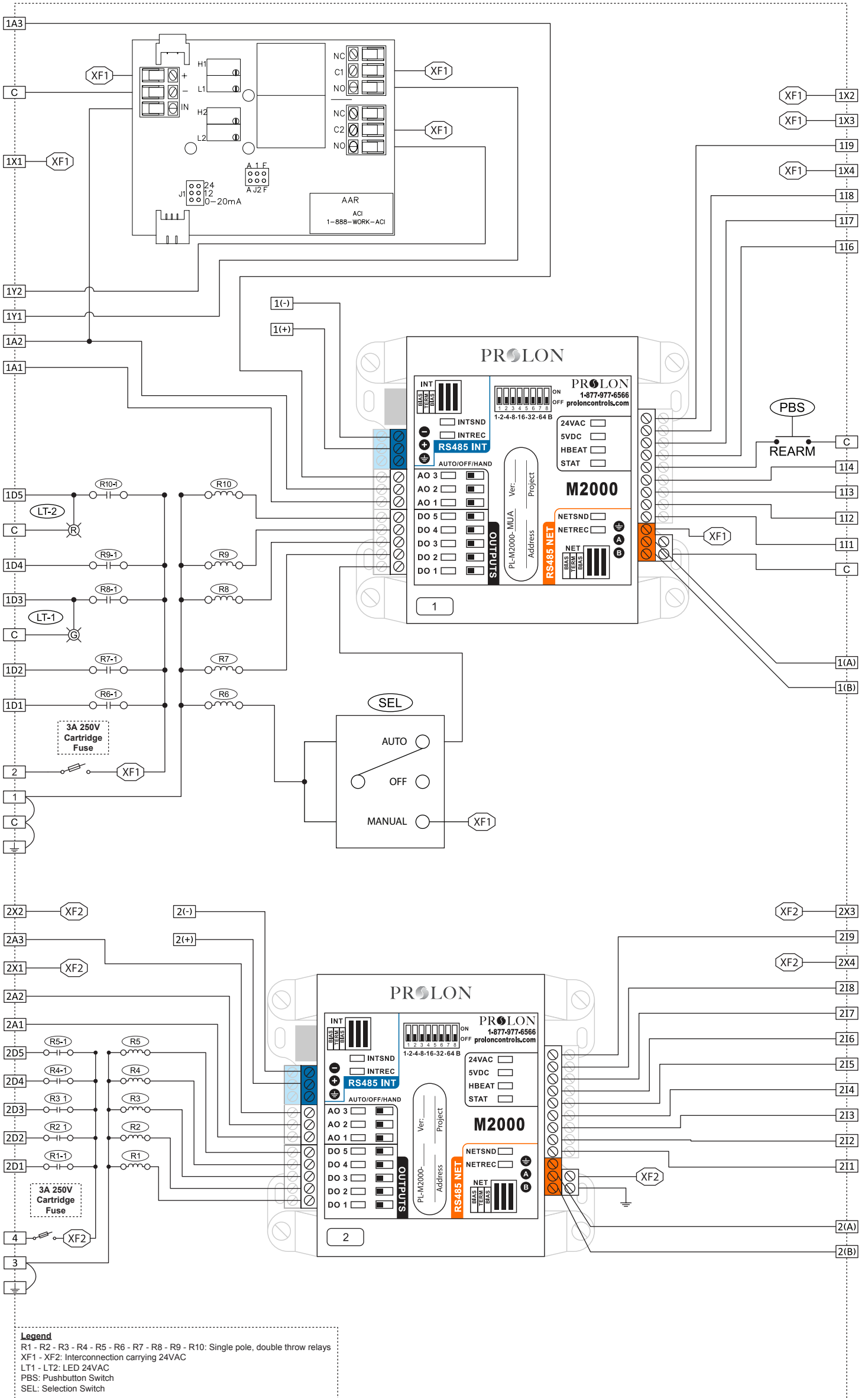


# PL-PN2-7L-7X


## Internal Electrical Wiring Diagram

VERSION 1



## Field Wiring Details

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

Terminal	Function	Ratings
	GROUND	N/A
1	Supply Input Common	N/A
2	Supply Input 24VAC (XF1)	24VAC, 3A, 60Hz
1D1	 - Occupancy Output (R6)	24VAC, 300mA
1D2	 - Outside Air Damper Output (R7)	24VAC, 300mA
1D3	 - Fan Output (R8)	24VAC, 300mA
1D4	 - Preheat Permission Output (R9)	24VAC, 300mA
1D5	 - Alarm Output (R10)	24VAC, 300mA
1A1	Modulating Heat Output	0-10VDC, 40mA
1A2	Cooling Output / AN	0-10VDC, 40mA
1Y1	Cooling Output / Stage 1	24VAC, 300mA
1Y2	Cooling Output / Stage 2	24VAC, 300mA
1X1	24VAC Supply	24VAC, 8.5VA
1A3	VFD Output	0-10VDC, 40mA
1X2	VFD Supply	24VAC, 5VA
1X3	Static Pressure Sensor Supply	24VAC, 0.03A
119	CO2 / Building Pressure	0-5VDC, 20mA
1X4	CO2 Sensor Supply	24VAC, 6.7VA
118	Zone Temperature	N/A
117	Outside Temperature	N/A
116	Supply Temperature	N/A
114	Dry Contact for: Proof of Fan	N/A
113	Dry Contact for: Outside Air Damper	N/A
112	Dry Contact for: Exhaust 2 / Manual Override	N/A
111	Dry Contact for: Exhaust 1	N/A
1(+)	M2000 RS485 INT A (+)	N/A
1(-)	M2000 RS485 INT B (-)	N/A
1(A)	M2000 RS485 NET A (+)	N/A
1(B)	M2000 RS485 NET B (-)	N/A

Terminal	Function	Ratings
3	Supply Input Common	N/A
4	Supply Input 24VAC (XF2)	24VAC, 3A, 60Hz
2D1	 - Digital Output 1	24VAC, 300mA
2D2	 - Digital Output 2	24VAC, 300mA
2D3	 - Digital Output 3	24VAC, 300mA
2D4	 - Digital Output 4	24VAC, 300mA
2D5	 - Digital Output 5	24VAC, 300mA
2A1	Analog Output 1	0-10VDC, 40mA
2A2	Analog Output 2	0-10VDC, 40mA
2X1	Power Supply 24VAC	24VAC, 8.5VA
2A3	Analog Output 3	0-10VDC, 40mA
2X2	Power Supply 24VAC	24VAC, 5VA
2X3	Power Supply 24VAC	24VAC, 0.03A
2I9	Analog Input 9	5VDC, 20mA
2X4	Power Supply 24VAC	24VAC, 6.7VA
2I8	Analog Input 8	5VDC, 20mA
2I7	Analog Input 7	5VDC, 20mA
2I6	Analog Input 6	5VDC, 20mA
2I5	Analog Input 5	5VDC, 20mA
2I4	Analog Input 4	5VDC, 20mA
2I3	Analog Input 3	5VDC, 20mA
2I2	Analog Input 2	5VDC, 20mA
2I1	Analog Input 1	5VDC, 20mA
2(+)	M2000 RS485 INT A (+)	N/A
2(-)	M2000 RS485 INT B (-)	N/A
2(A)	M2000 RS485 NET A (+)	N/A
2(B)	M2000 RS485 NET B (-)	N/A
C	COMMON	N/A