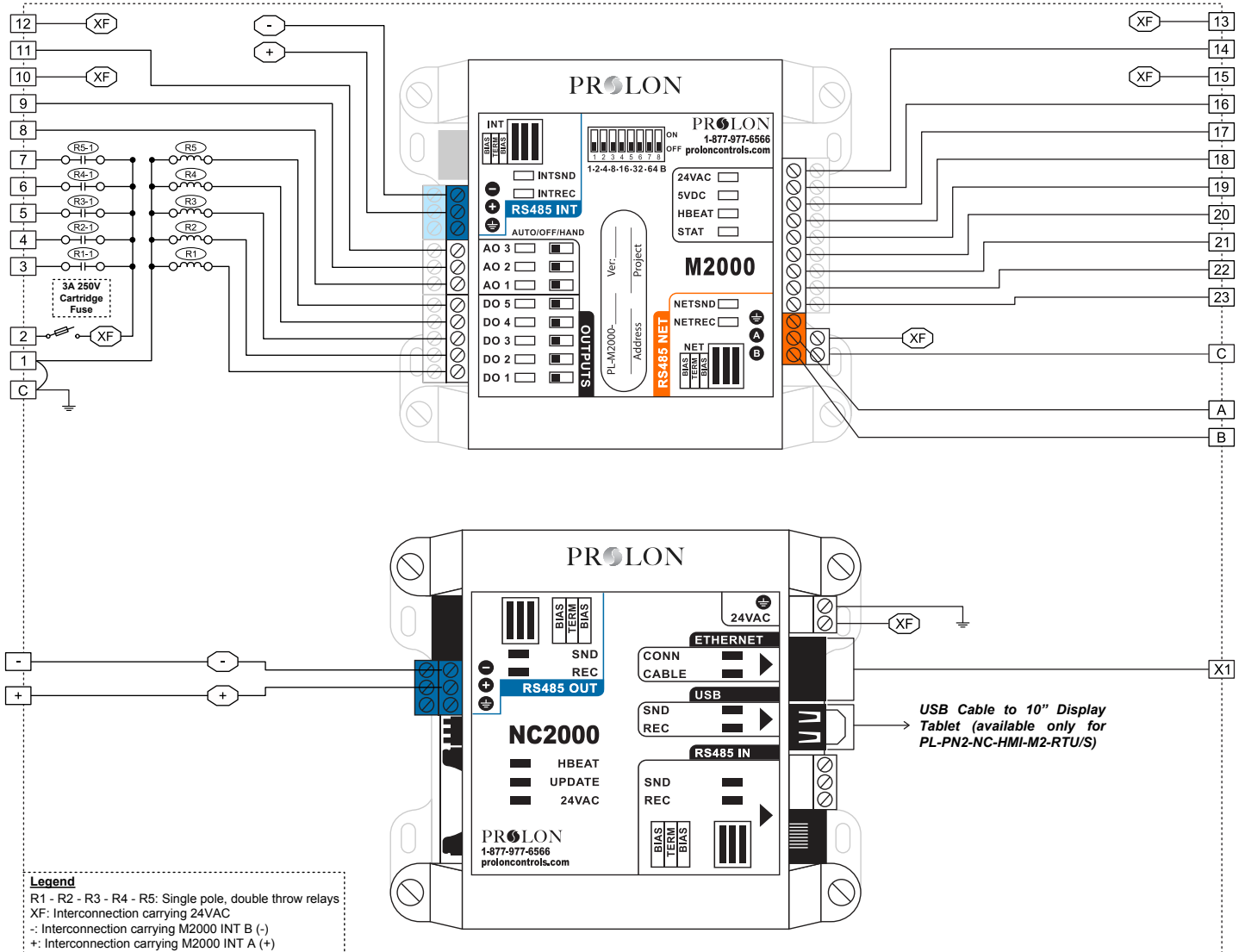


Internal Electrical Wiring Diagram



Field Wiring Details

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

Terminal	Function	Ratings
⏚	GROUND	N/A
1	Power Supply Input Common	N/A
2	Power Supply Input 24VAC	24VAC, 3A, 60Hz
3	Fan Output (G)	24VAC, 300mA
4	Cooling Output 1 (Y1)	24VAC, 300mA
5	Cooling Output 2 (Y2)	24VAC, 300mA
6	Heating Output 1 (W1)	24VAC, 300mA
7	Heating Output 2 (W2) or Exhaust Fan	24VAC, 300mA
8	Modulating Heating Output	0-10VDC, 40mA
9	Economizer Control Output	0-10VDC, 40mA
10	Economizer Supply	24VAC, 8.5VA
11	Bypass or VFD Control Output	0-10VDC, 40mA
12	Bypass or VFD Supply	24VAC, 5VA
13	Static Pressure Sensor Supply	24VAC, 0.03A
14	Static Pressure Sensor Input Signal	0-5VDC, 5uA

Terminal	Function	Ratings
15	CO2 Sensor Supply	24VAC, 6.7VA
16	CO2 Sensor Input Signal	4-20mA, 1-5VDC
17	Dry Contact for Proof of Fan	N/A
18	Zone Setpoint Potentiometer (0-9K)	N/A
19	Zone Temperature Thermistor (10K Type 3)	N/A
20	Variable Function Temperature Sensor	N/A
21	Supply Air Temperature Thermistor (10K Type 3)	N/A
22	Return Air Temperature Thermistor (10K Type 3)	N/A
23	Outside Air Temperature Thermistor (10K Type 3)	N/A
+	M2000 RS485 INT A (+)	N/A
-	M2000 RS485 INT B (-)	N/A
A	M2000 RS485 NET A (+)	N/A
B	M2000 RS485 NET B (-)	N/A
X1	NC2000 Ethernet Connection (Use CAT5e Patch Cable)	N/A
C	COMMON	N/A