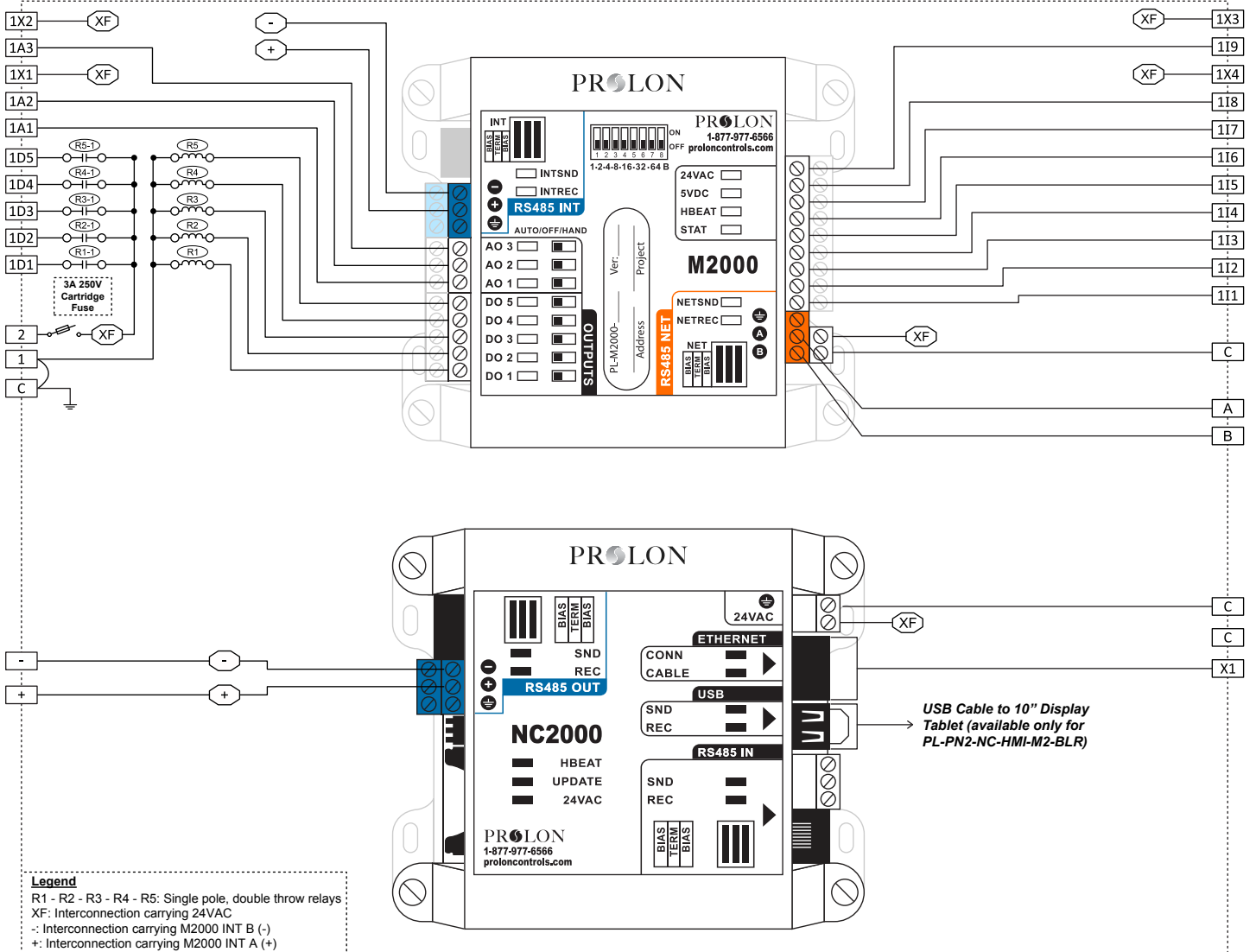


Internal Electrical Wiring Diagram



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
1D1	Occupancy Output	24VAC, 300mA
1D2	Outside Air Damper Output	24VAC, 300mA
1D3	Fan Output	24VAC, 300mA
1D4	Preheat Permission Output	24VAC, 300mA
1D5	Alarm Output	24VAC, 300mA
1A1	Modulating Heat Output	0-10VDC, 40mA
1A2	Cooling Output	0-10VDC, 40mA
1X1	Power 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	5VDC, 20mA

Terminal	Function	Ratings
1X4	CO2 Sensor Supply	24VAC, 6.7VA
118	Zone Temperature	N/A
117	Outside Temperature	N/A
116	Supply Temperature	N/A
115	Dry Contact for Manual Reset	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
+	NC2000 / M2000 RS485 INT A (+)	N/A
-	NC2000 / 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