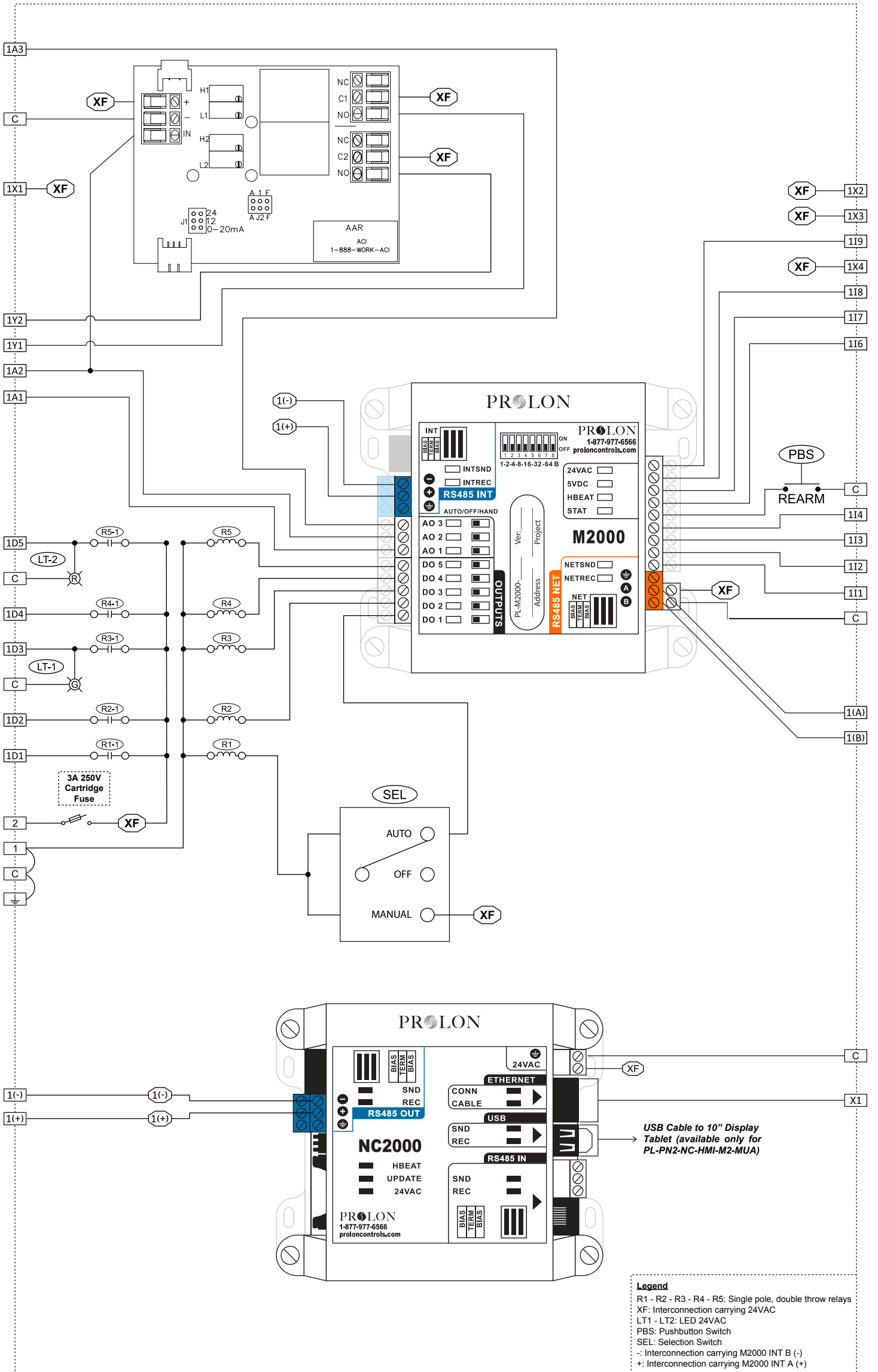


Internal Electrical Wiring Diagram



Legend
 R1 - R2 - R3 - R4 - R5: Single pole, double throw relays
 XF: Interconnection carrying 24VAC
 LT1 - LT2: LED 24VAC
 PBS: Pushbutton Switch
 SEL: Selection Switch
 -: Interconnection carrying M2000 INT B (-)
 +: Interconnection carrying M2000 INT A (+)

USB Cable to 10" Display Tablet (available only for PL-PN2-NC-HMI-M2-MUA)

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	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 Ouput	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

Terminal	Function	Ratings
1I9	CO2 / Building Pressure	0-5VDC, 20mA
1X4	CO2 Sensor Supply	24VAC, 6.7VA
1I8	Zone Temperature	N/A
1I7	Outside Temperature	N/A
1I6	Supply Temperature	N/A
1I4	Dry Contact for: Proof of Fan	N/A
1I3	Dry Contact for: Outside Air Damper	N/A
1I2	Dry Contact for: Exhaust 2 / Manual Override	N/A
1I1	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
X1	NC2000 Ethernet Connection (Use CAT5e Path Cable)	N/A
C	COMMON	N/A