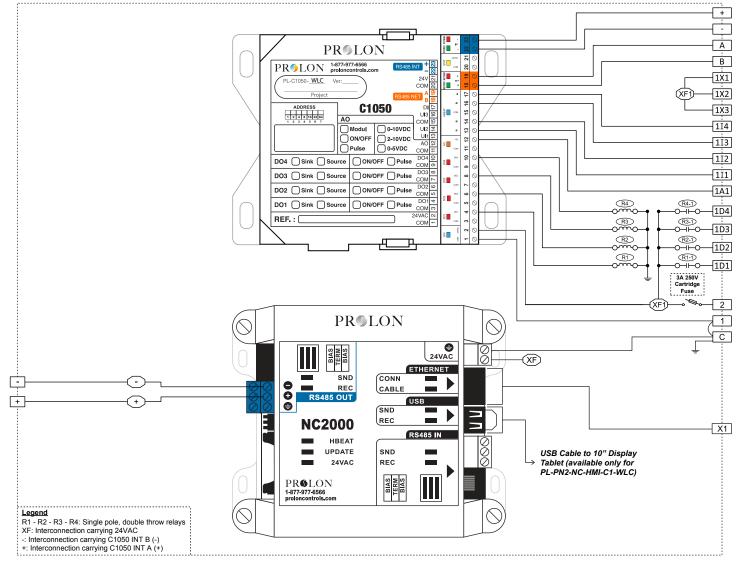
VERSION 7

Internal Electrical Wiring Diagram



Field Wiring Details

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

Terminal	Function	Ratings
Ţ	GROUND	N/A
1	Power Supply Input Common	N/A
2	Power Supply Input 24VAC	24VAC, 3A, 60Hz
1D1	Output 1 - Boiler	24VAC, 300mA
1D2	Output 2 - Valve / Damper / Cooling	24VAC, 300mA
1D3	Output 3 - Spray Pump	24VAC, 300mA
1D4	Output 4 - Water Tower Stage 1	24VAC, 300mA
1A1	Output 4 - Water Tower Stage 2	0-10VDC, 40mA
111	Auxiliary Temperature Sensor (10K thermistor)	N/A
112	Return Water Temperature Sensor (10K thermistor)	N/A
1I3	Supply Water Temperature Sensor (10K thermistor)	N/A

Terminal	Function	Ratings
114	Auxiliary Digital Input	N/A
1X3	Power Supply 24VAC	24VAC, 60Hz
1X2	Power Supply 24VAC	24VAC, 60Hz
1X1	Power Supply 24VAC	24VAC, 60Hz
+	C1050 RS485 INT A (+)	N/A
-	C1050 RS485 INT B (-)	N/A
А	C1050 RS485 NET A (+)	N/A
В	C1050 RS485 NET B (-)	N/A
X1	NC2000 Ethernet Connection (Use CAT5e Patch Cable)	N/A
С	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.