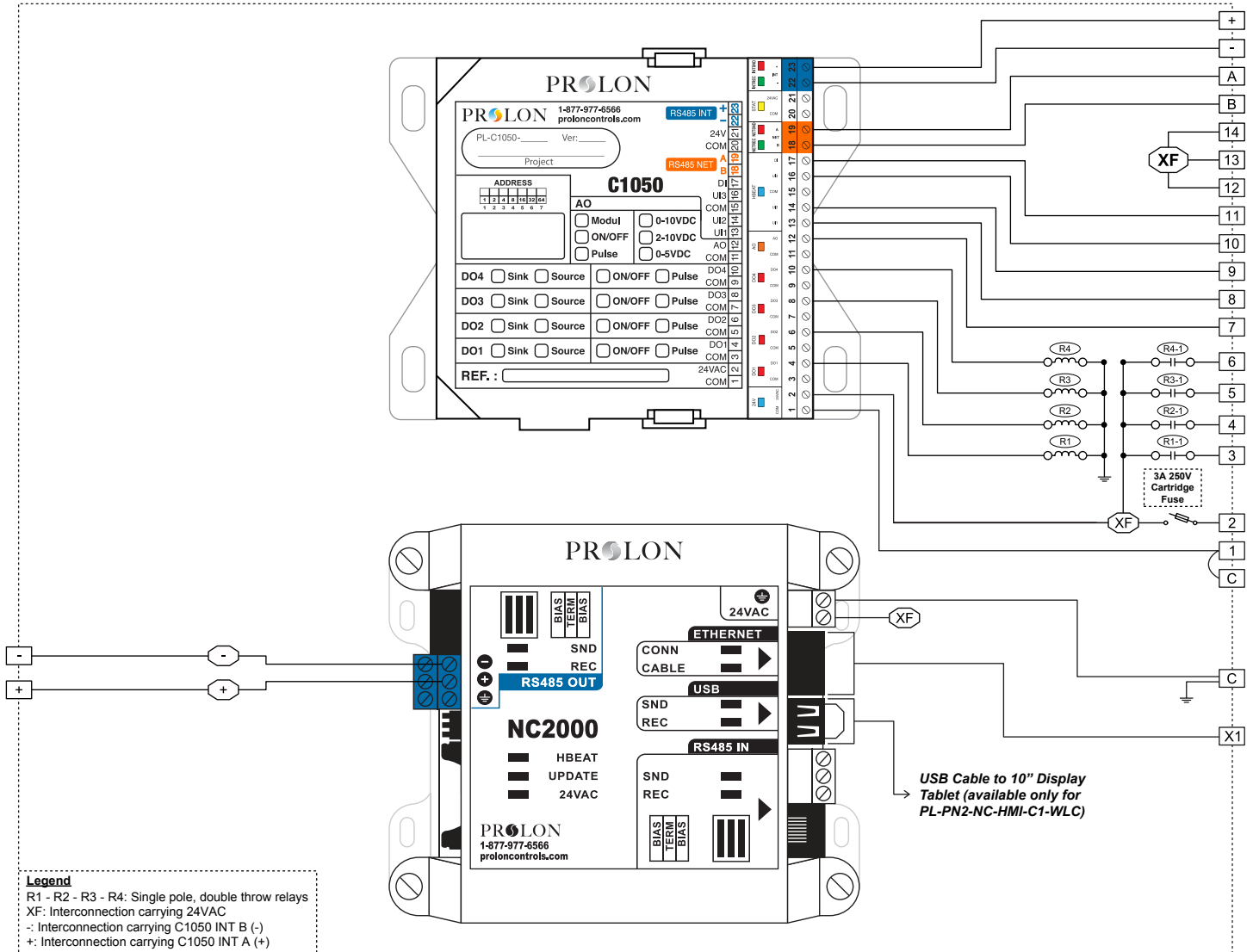


# PL-PN2-NC-HMI-C1-WLC / PL-PN2-NC-WOD-C1-WLC

VERSION 5

## 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	Terminal	Function	Ratings
GROUND	GROUND	N/A	11	Auxiliary Digital Input	N/A
1	Power Supply Input Common	N/A	12	Power Supply 24VAC	24VAC, 60Hz
2	Power Supply Input 24VAC	24VAC, 3A, 60Hz	13	Power Supply 24VAC	24VAC, 60Hz
3	Output 1 - Boiler	24VAC, 300mA	14	Power Supply 24VAC	24VAC, 60Hz
4	Output 2 - Valve / Damper / Cooling	24VAC, 300mA	+	C1050 RS485 INT A (+)	N/A
5	Output 3 - Spray Pump	24VAC, 300mA	-	C1050 RS485 INT B (-)	N/A
6	Output 4 - Water Tower Stage 1	24VAC, 300mA	A	C1050 RS485 NET A (+)	N/A
7	Output 4 - Water Tower Stage 2	0-10VDC, 40mA	B	C1050 RS485 NET B (-)	N/A
8	Auxiliary Temperature Sensor (10K thermistor)	N/A	X1	NC2000 Ethernet Connection (Use CAT5e Patch Cable)	N/A
9	Return Water Temperature Sensor (10K thermistor)	N/A	C	COMMON	N/A
10	Supply Water Temperature Sensor (10K thermistor)	N/A			