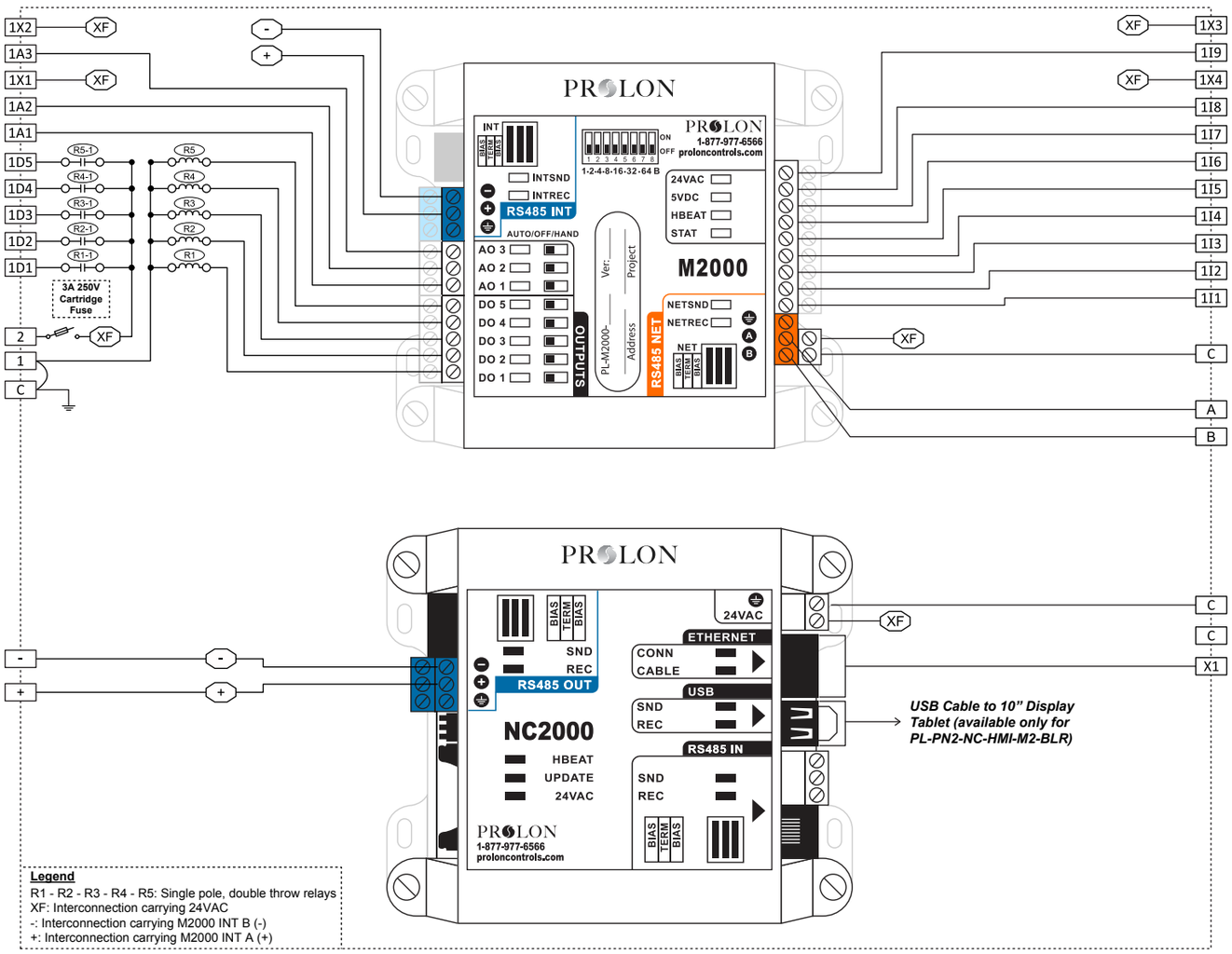
PL-PN2-NC-HMI-M2-CHL / PL-PN2-NC-WOD-M2-CHL

VERSION 4

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	Pump 1 Output	24VAC, 300mA
1D2	Pump 2 Output	24VAC, 300mA
1D3	Chiller 1 Output	24VAC, 300mA
1D4	Chiller 2 Output	24VAC, 300mA
1D5	Chiller 3 Output	24VAC, 300mA
1A1	VFD Pump 1 Output	0-10VDC, 40mA
1A2	VFD Pump 2 Output	0-10VDC, 40mA
1X1	24VAC Supply	24VAC, 8.5VA
1A3	Chiller 4 Output	0-10VDC, 40mA
1X2	24VAC Supply	24VAC, 5VA
1X3	24VAC Supply	24VAC, 0.03A
1I9	Dry Contact for Alarm	N/A

Terminal	Function	Ratings
1X4	24VAC Supply	24VAC, 6.7VA
1I8	Water Pressure	4-20mA, 0-5VDC
1I7	Condenser Water Temp Leaving Thermistor (10K Type 3)	N/A
1I6	Condenser Water Temp Entering Thermistor (10K Type 3)	N/A
1I5	Dry Contact for Proof of Pump 2	N/A
1I4	Dry Contact for Proof of Pump 1	N/A
1I3	Return Water Temperature Thermistor (10K Type 3)	N/A
1I2	Supply Water Temperature Thermistor (10K Type 3)	N/A
1I1	Outside Air Temperature Thermistor (10K Type 3)	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

PROLON
1-877-9PROLON
www.proloncontrols.com

info@proloncontrols.com