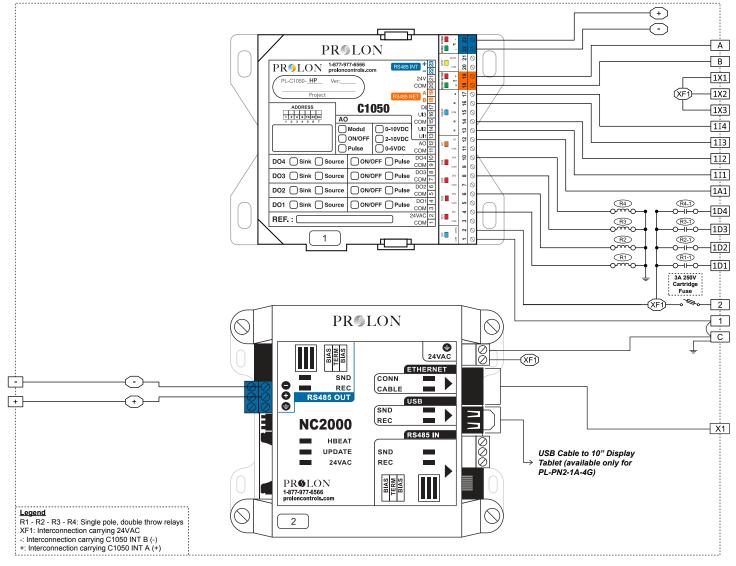
PL-PN2-1A-4G / PL-PN2-1B-4G

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	
Ť	GROUND	N/A	
1	Power Supply Input Common	N/A	
2	Power Supply Input 24VAC	24VAC, 3A, 60Hz	
1D1	R1 - Output 1 - Fan (G)	24VAC, 300mA	
1D2	R2 - Output 2 - Compressor 1	24VAC, 300mA	
1D3	R3 - Output 3 - Compressor 2	24VAC, 300mA	
1D4	R4 - Output 4 - Rev Valve	24VAC, 300mA	
1A1	Output 5 -Aux Heat	0-10VDC, 40mA	
111	Outside Temp, Water Intake Temp (10K thermistor)	N/A	
112	Return Temperature Sensor (10K thermistor)	N/A	
1I3	Supply Temperature Sensor (10K thermistor)	N/A	

Terminal	Function	Ratings
114	External Dry Contact for Night Setback or Proof of Fan	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
Α	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.