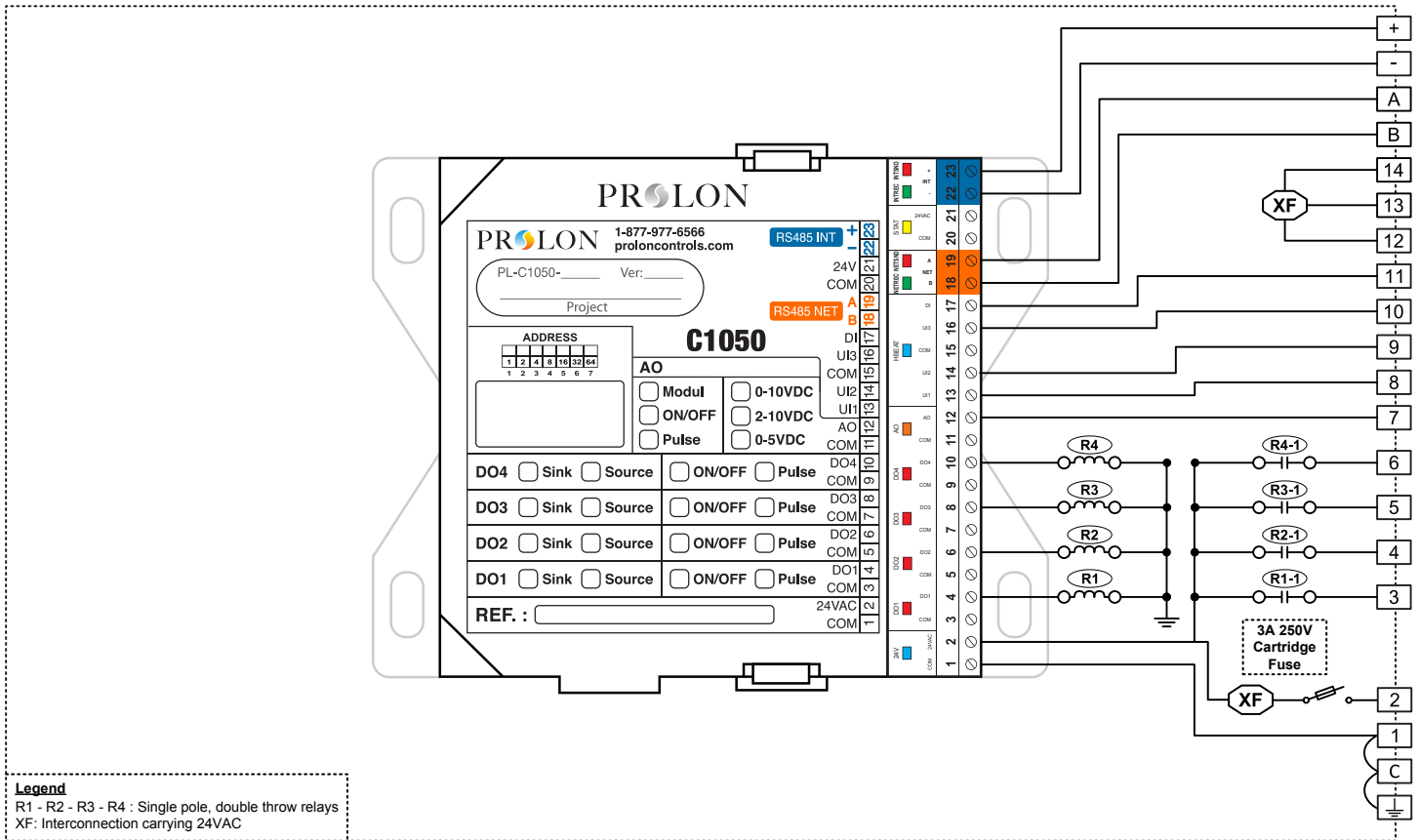


# PL-PANEL-C1050-RTU

PL-WIRE-RTUC1050-EN-V3

## 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
3	Output 1 - Fan (G)	24VAC, 300mA
4	Output 2 - Cooling (Y1)	24VAC, 300mA
5	Output 3 - Cooling (Y2)	24VAC, 300mA
6	Output 4 - Heat (W1)	24VAC, 300mA
7	Output 5 (Analog 0-10VDC) - Preheating / Heat (W2)	0-10VDC, 40mA
8	Outside Air Temperature Sensor (10K Thermistor)	N/A
9	Return Air Temperature Sensor (10K Thermistor)	N/A
10	Supply Temperature Sensor (10K Thermistor)	N/A

Terminal	Function	Ratings
11	External Dry Contact for Night Setback or Proof of Fan	N/A
12	Power Supply 24VAC	24VAC, 3A, 60Hz
13	Power Supply 24VAC	24VAC, 3A, 60Hz
14	Power Supply 24VAC	24VAC, 3A, 60Hz
+	C1050 RS485 INT A (+)	N/A
-	C1050 RS485 INT B (-)	N/A
A	C1050 RS485 NET A (+)	N/A
B	C1050 RS485 NET B (-)	N/A
C	COMMON	N/A
XF	24VAC Supply	24VAC

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.

**PROLON**

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