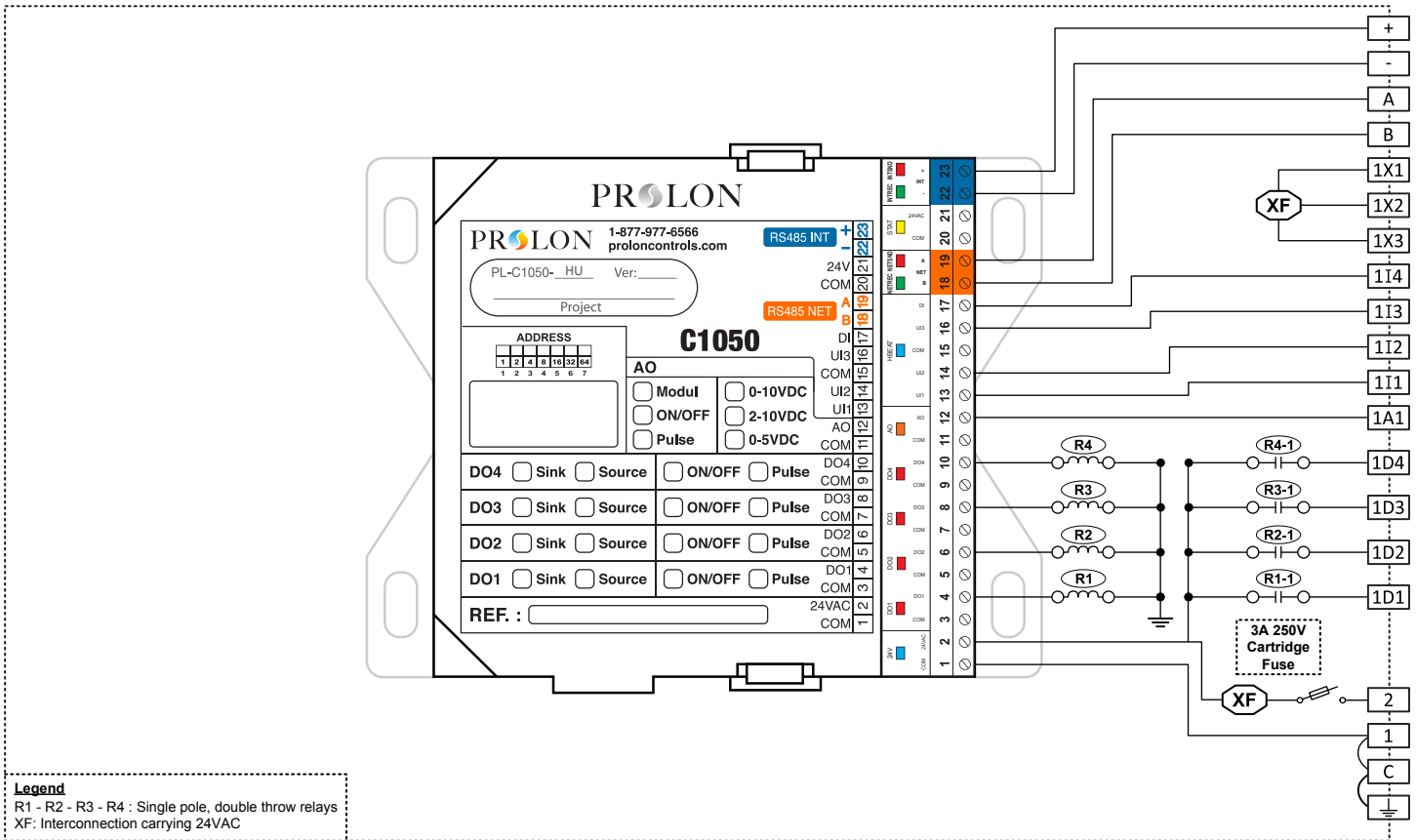


Internal Electrical Wiring Diagram



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	(R1) - Output 1 - N/A	24VAC, 300mA
1D2	(R2) - Output 2- N/A	24VAC, 300mA
1D3	(R3) - Output 3 - Dehumidifier (digital - ON/OFF)	24VAC, 300mA
1D4	(R4) - Output 4 - Humidifier (digital - ON/OFF)	24VAC, 300mA
1A1	Output 5 - Humidifier (analog 0/2-10 VDC)	0-10VDC, 40mA
111	Outside temperature sensor (10K thermistor)	N/A
112	Room / Return humidity sensor (0-5 / 0-10 VDC)	N/A
113	Supply humidity sensor (0-5 / 0-10 VDC)	N/A

Terminal	Function	Ratings
114	External dry contact for proof of fan	N/A
1X3	Power Supply 24VAC	24VAC, 3A, 60Hz
1X2	Power Supply 24VAC	24VAC, 3A, 60Hz
1X1	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