

PROLON



HARDWARE GUIDE

I/O Guide

Specifications and Operational Guide

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PL-HRDW-I/O-EN

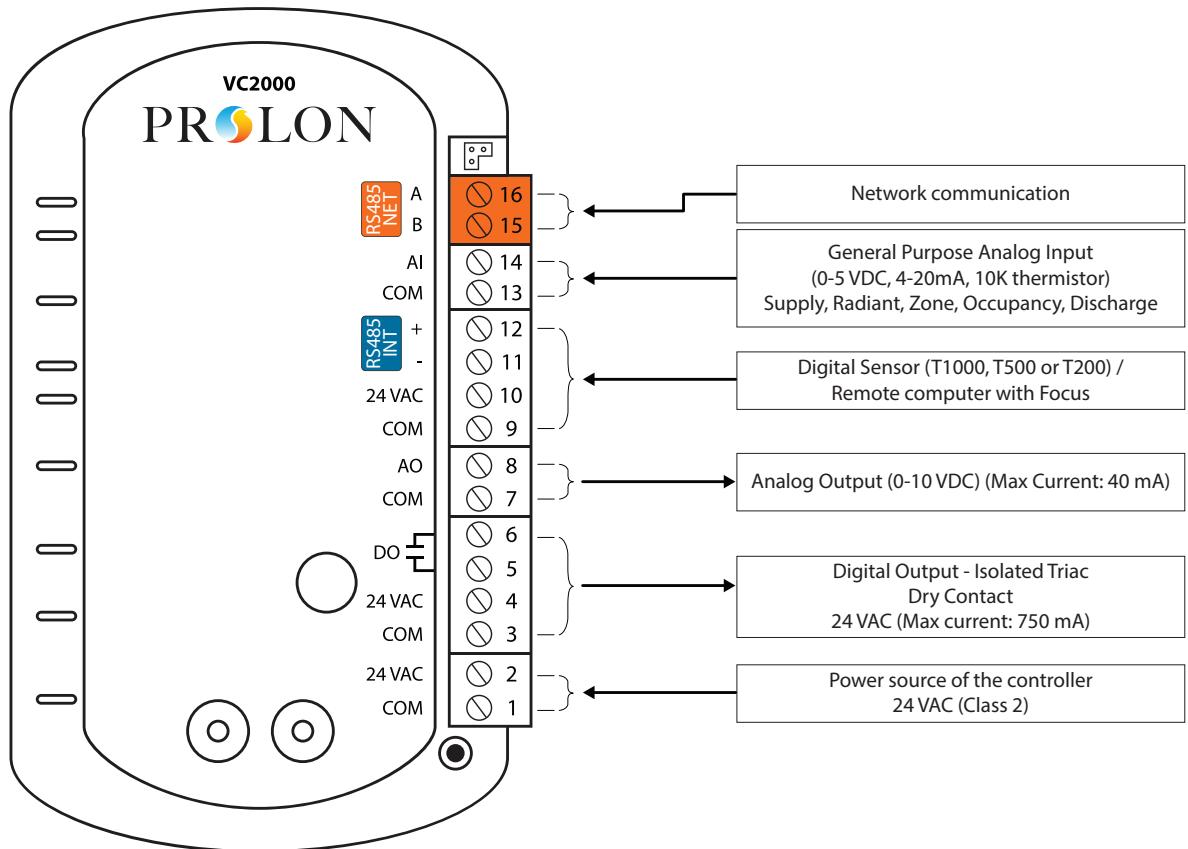


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PL-VC2000(-PI) (VAV)

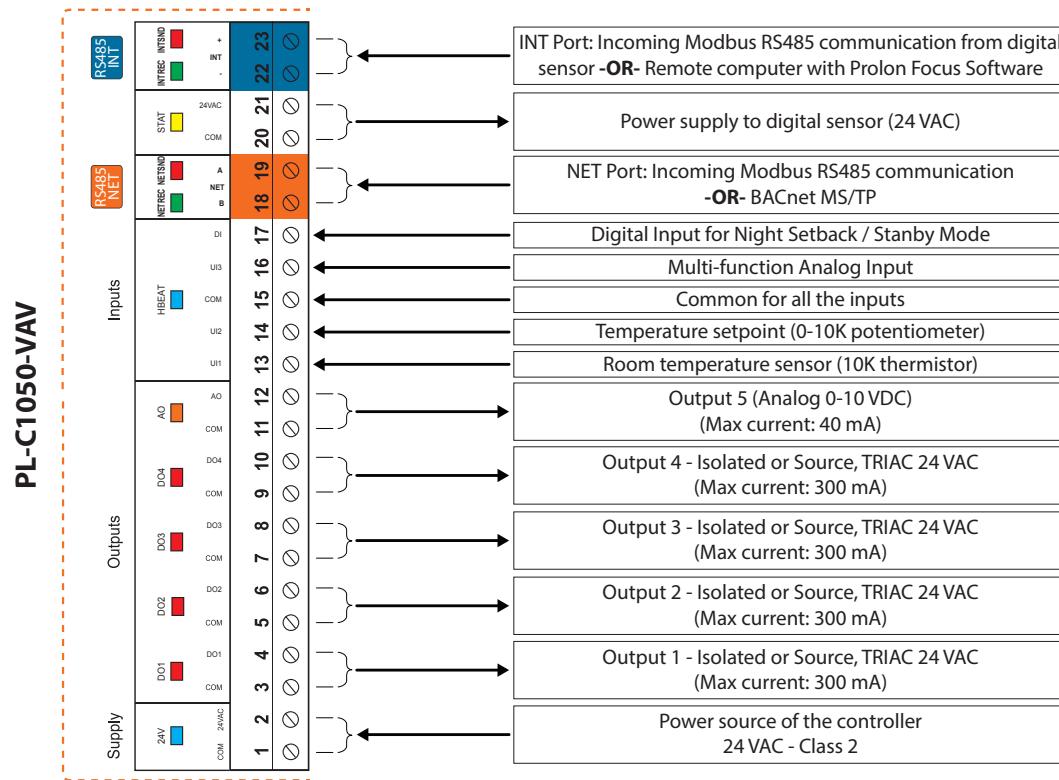


INFO RECEIVED FROM NETWORK

M2000-RTU	Supply Air Temperature	Occupancy
M2000-HP	Occupancy	Math Values
C1050-RTU	Math Values	Outside Temperature
C1050-HP	Outside Temperature	Damper Override
	Damper Override	DO/AO override based on outside temperature (optional)
	DO/AO disabled on morning warm-up (optional)	
	DO/AO override based on outside temperature (optional)	
NC2000	Occupancy (optional)	Zone Temperature
	Outside Temperature (optional)	Setpoint
		Unoccupied Override
		Radiant Floor Temperature (optional, T1000 only)



PL-C1050-VAV

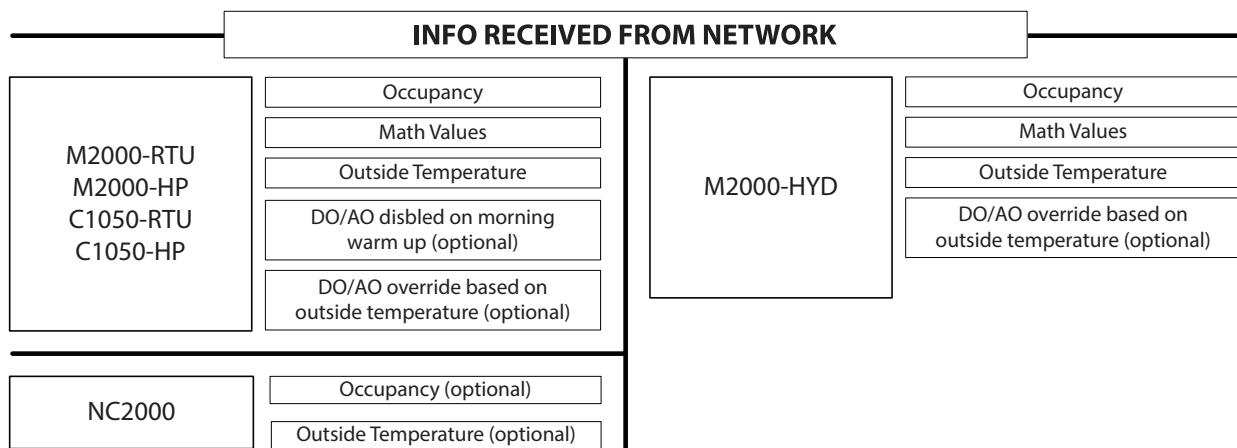
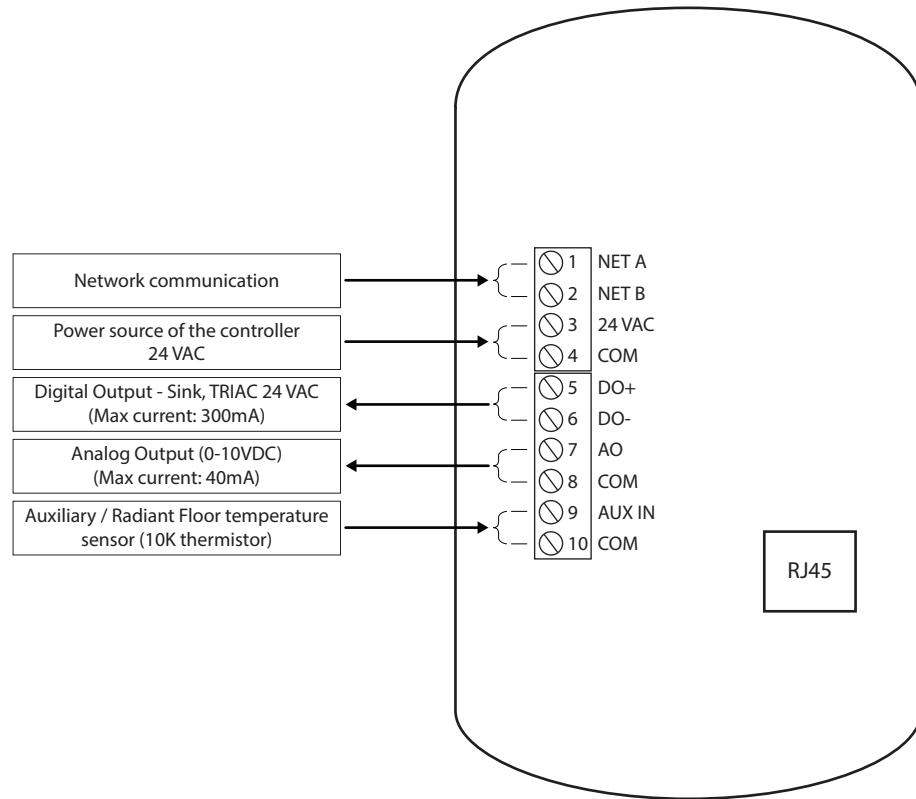


INFO RECEIVED FROM NETWORK

M2000-RTU M2000-HP C1050-RTU C1050-HP	Supply Air Temperature	M2000-HYD	Occupancy
	Occupancy		Math Values
	Math Values		Outside Temperature
	Outside Temperature		Damper Override
	Damper Override		Outputs 3/4/5 override based on outside temperature (optional)
	Outputs 3/4/5 disabled on morning warm up (optional)		Outputs 3/4/5 override based on outside temperature (optional)
	Outputs 3/4/5 override based on outside temperature (optional)		
NC2000	Occupancy (optional)	T1000 T500 T200	Zone Temperature
	Outside Temperature (optional)		Setpoint
			Unoccupied Override
			Radiant Floor Temperature (optional, T1000 only)

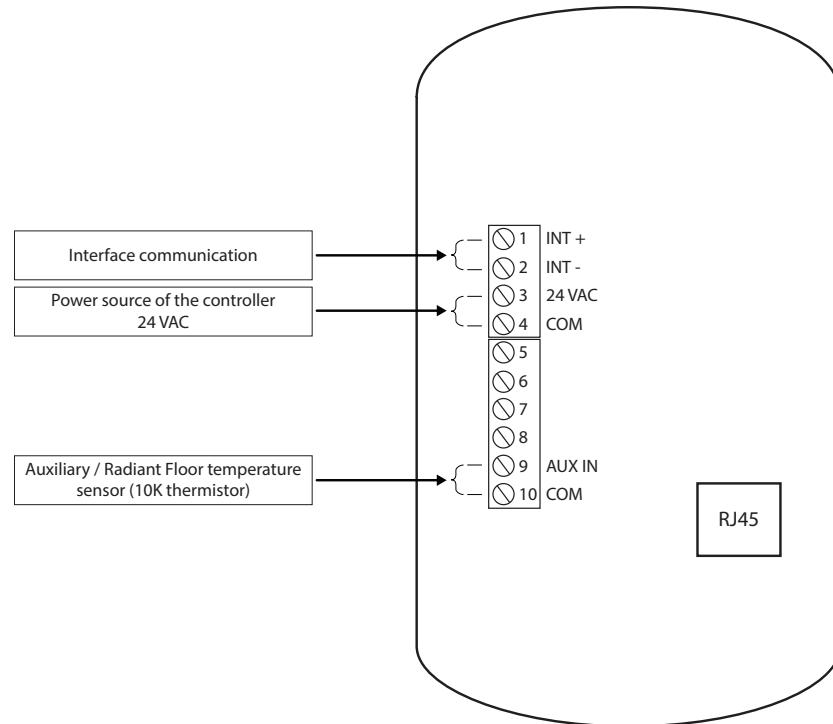


PL-T1100 (*Thermostat*)

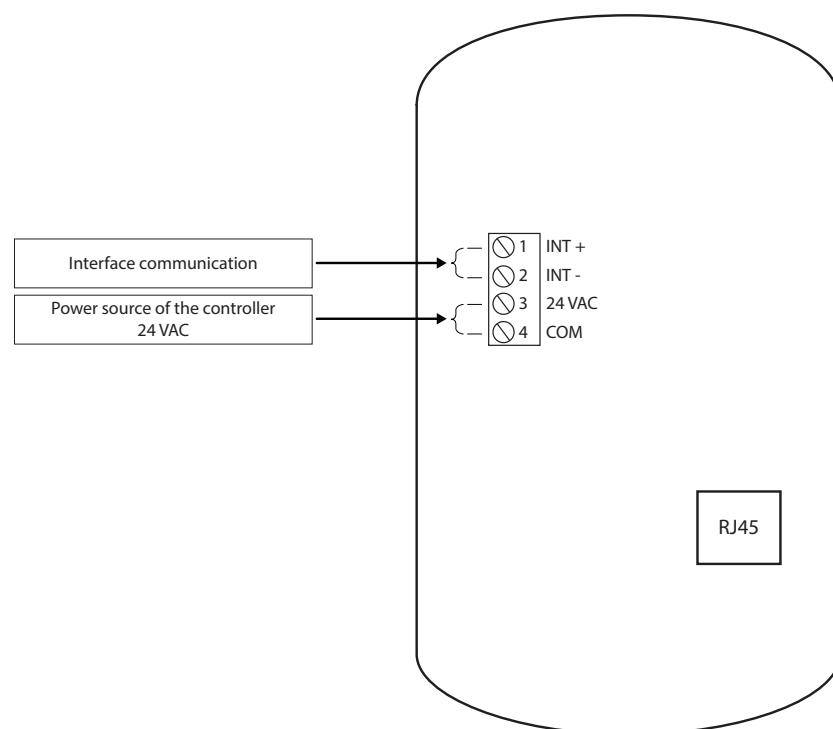




PL-T1000 (*Digital Wall Sensor*)

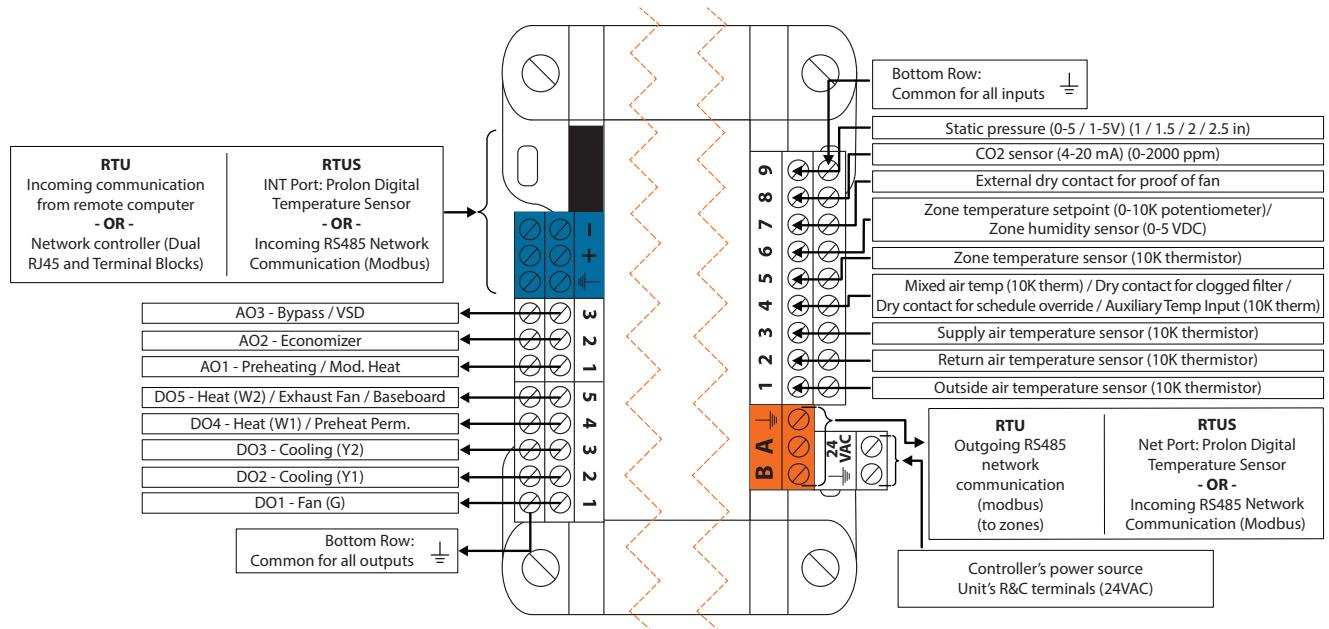


PL-T500 / PL-T200 (*Digital Wall Sensor*)





PL-M2000-RTU/RTUS (Zoning Rooftop Controller & Single-Zone Rooftop Controller)



INFO RECEIVED FROM NETWORK (PL-M2000-RTU)

VC2000 C1050-VAV T1100	Zone Demand	C1050-HU	Request for Fan
	Unoccupied Override		Dehumidification Demand

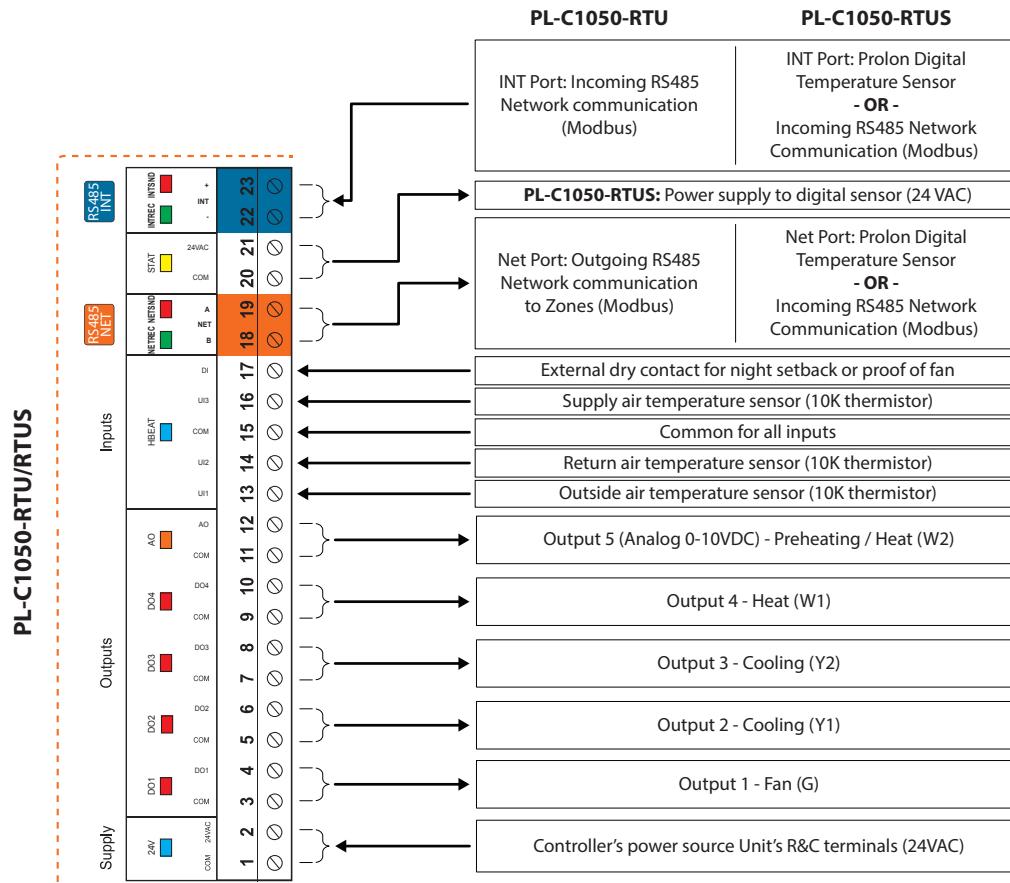
NC2000	Occupancy (optional)
	Outside temperature (optional)

INFO RECEIVED FROM NETWORK (PL-M2000-RTUS)

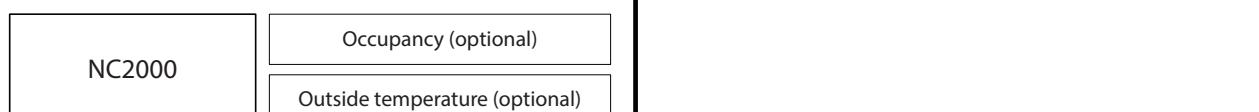
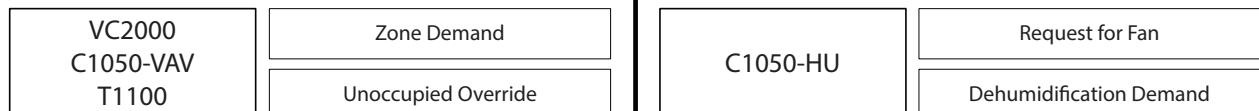
NC2000	Occupancy (optional)	M2000-RTU C1050-RTU	Outside temperature
	Outside temperature (optional)		



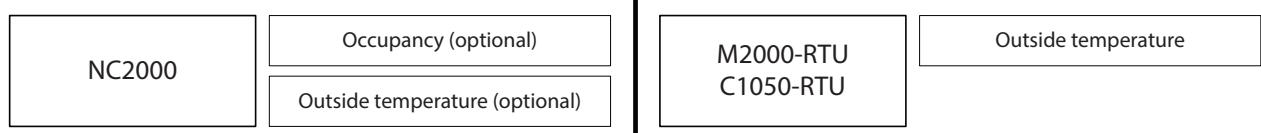
PL-C1050-RTU/RTUS (Zoning Rooftop Controller & Single-Zone Controller)



INFO RECEIVED FROM NETWORK (PL-C1050-RTU)

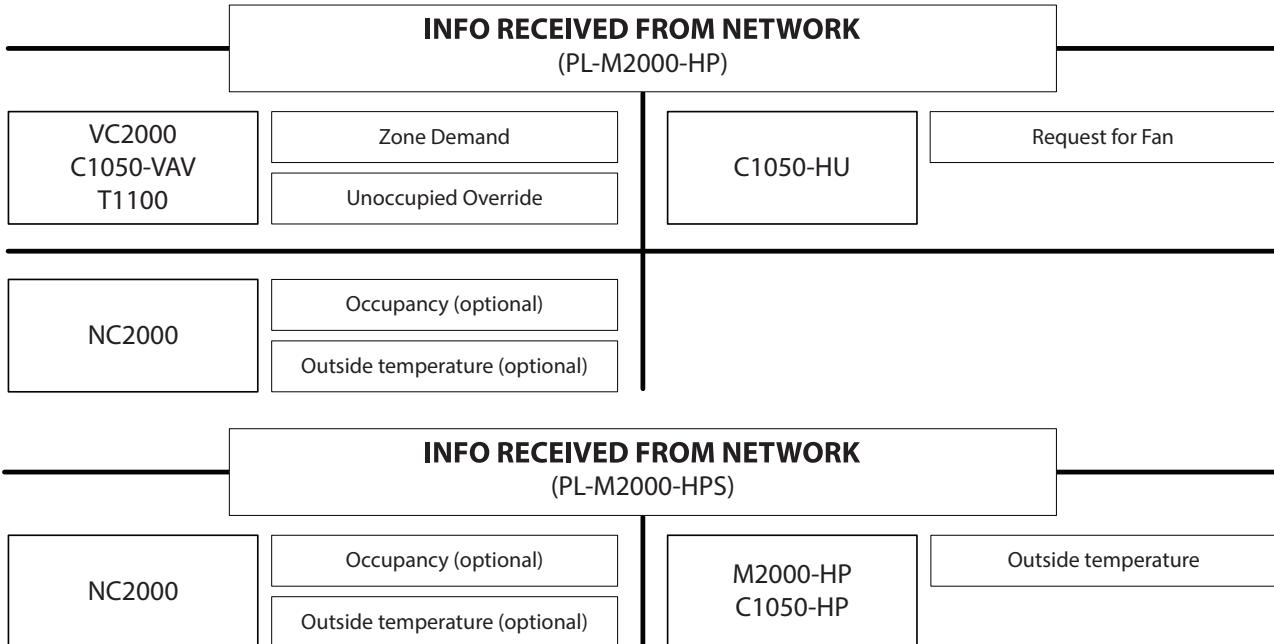
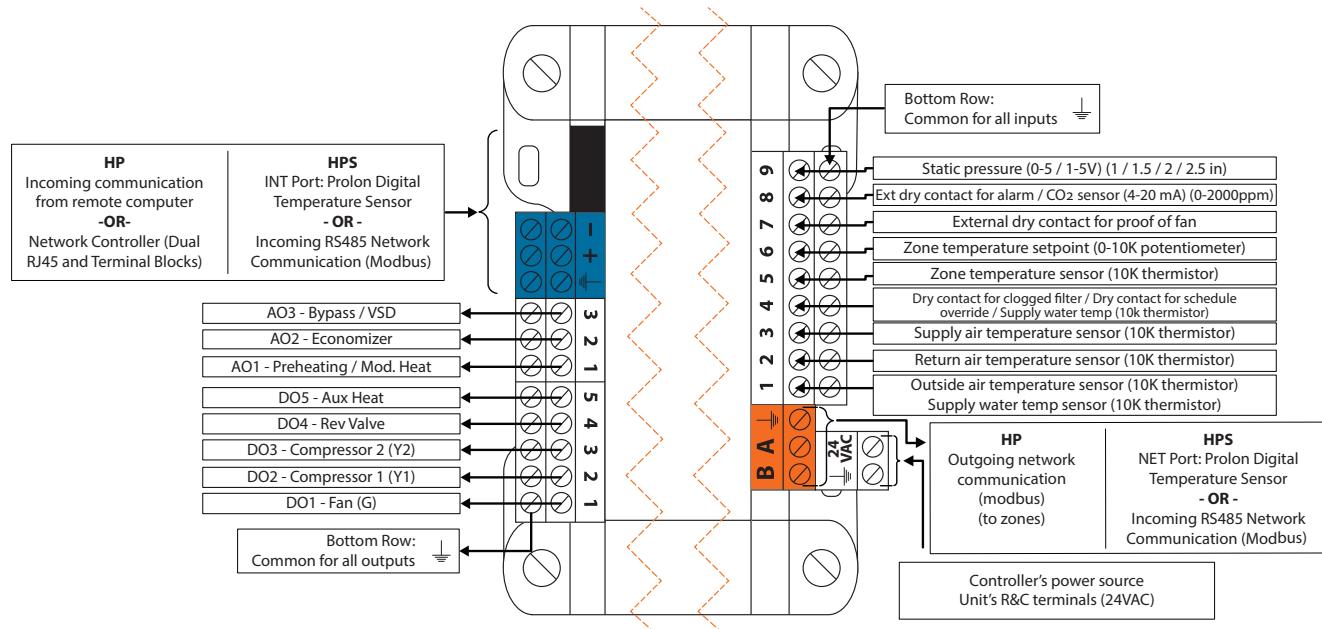


INFO RECEIVED FROM NETWORK (PL-C1050-RTUS)



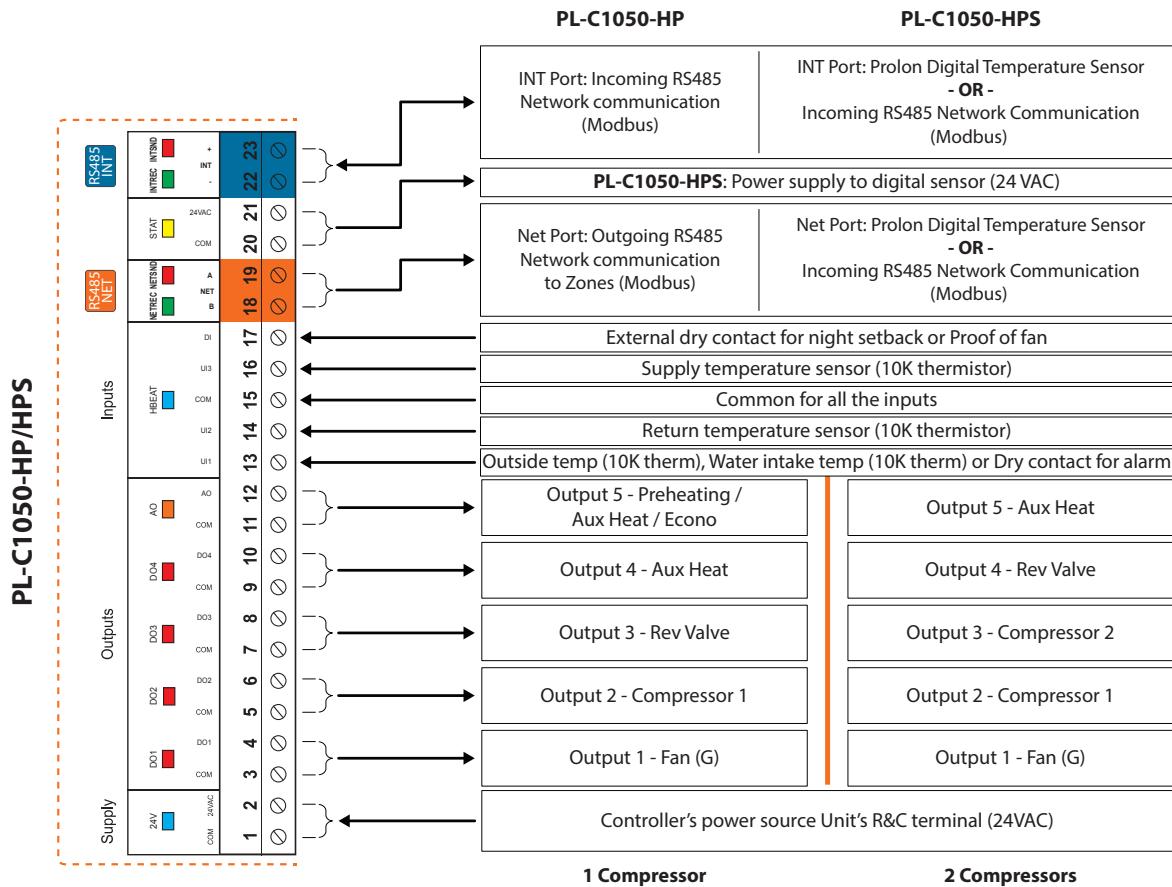


PL-M2000-HP/HPS (Zoning Heatpump Controller & Single-Zone Heatpump Controller)

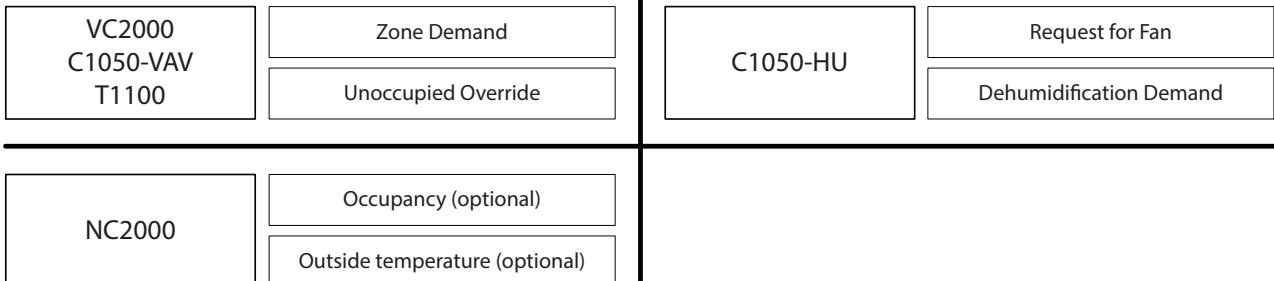




PL-C1050-HP/HPS (Zoning Heatpump Controller & Single-Zone Heatpump Controller)



INFO RECEIVED FROM NETWORK (PL-C1050-HP)

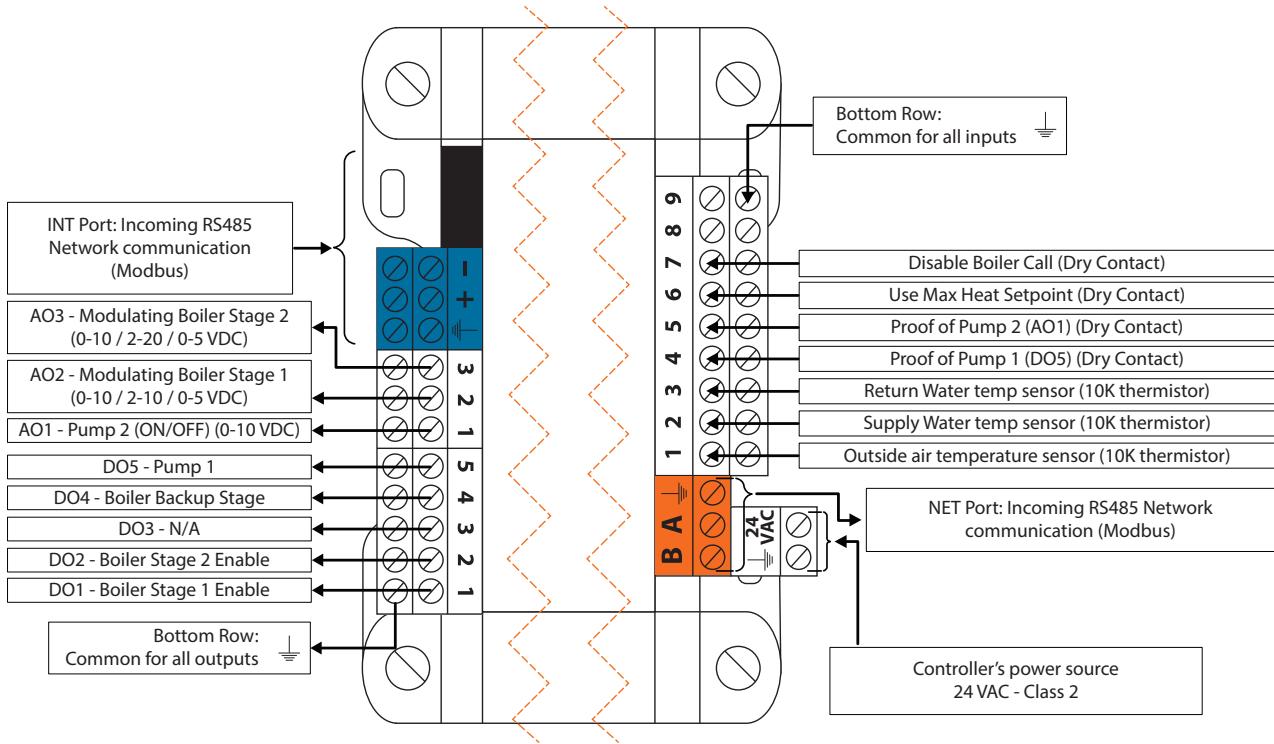


INFO RECEIVED FROM NETWORK (PL-C1050-HPS)





PL-M2000-BLR (*Modulating Boiler*)

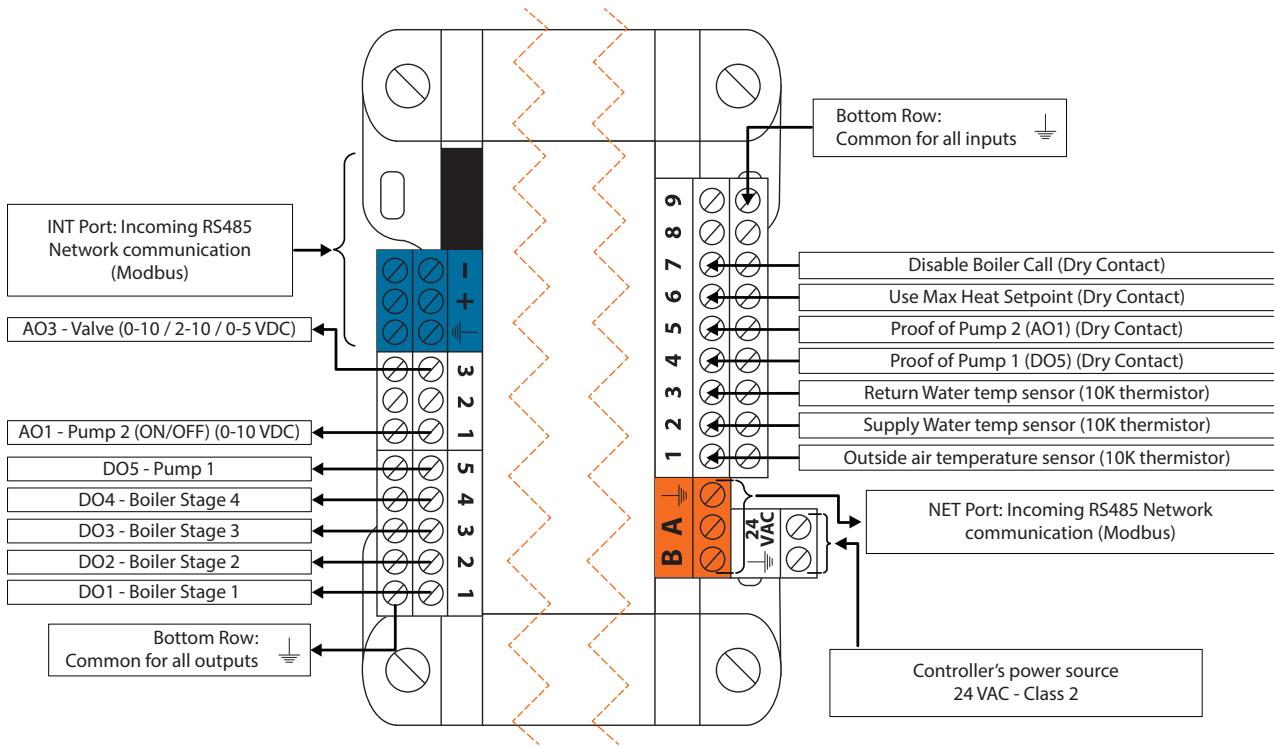


INFO RECEIVED FROM NETWORK

M2000-RTU	Occupancy	NC2000	Occupancy (optional)
M2000-HP	Outside temperature		Outside temperature (optional)
M2000-HYD			
C1050-RTU			
C1050-HP			
	Math Values		



PL-M2000-BLR (Staged Boiler)

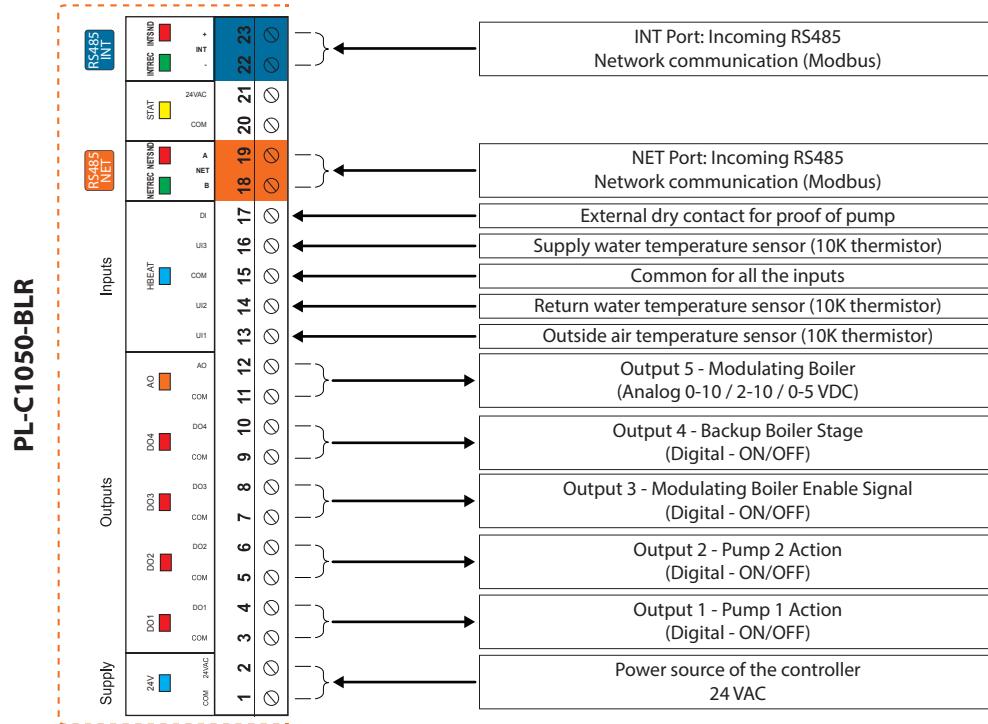


INFO RECEIVED FROM NETWORK

M2000-RTU	Occupancy	NC2000	Occupancy (optional)
M2000-HP	Outside temperature		Outside temperature (optional)
M2000-HYD			
C1050-RTU			
C1050-HP			
	Math Values		



PL-C1050-BLR (*Modulating Boiler*)

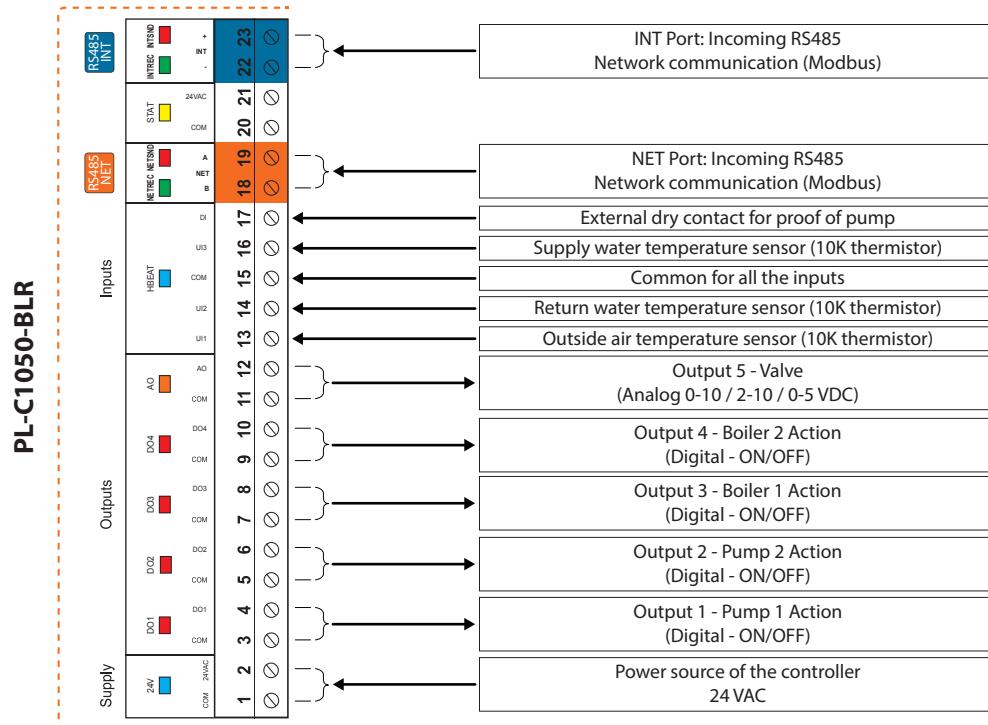


INFO RECEIVED FROM NETWORK

M2000-RTU	Occupancy	NC2000	Occupancy (optional)
M2000-HP	Outside temperature		Outside temperature (optional)
M2000-HYD			
C1050-RTU			
C1050-HP	Math Values		



PL-C1050-BLR (*Staged Boiler*)

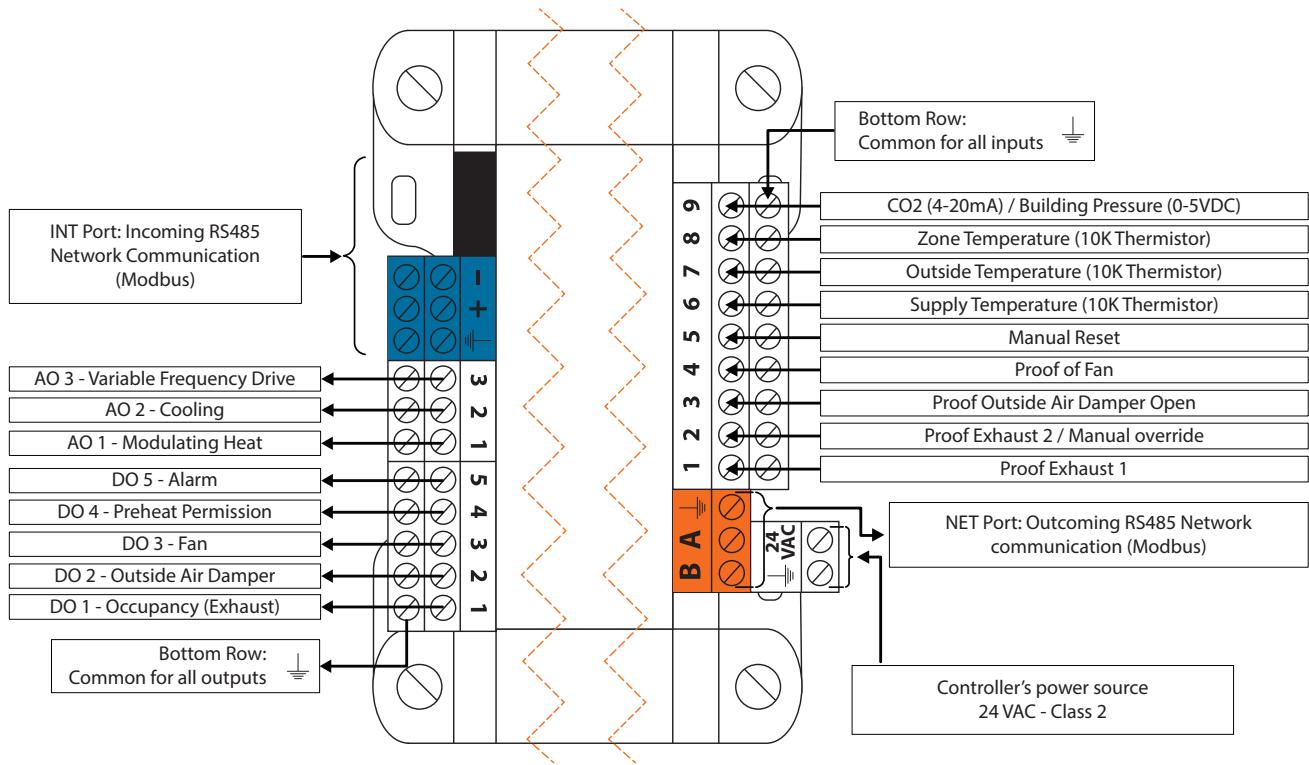


INFO RECEIVED FROM NETWORK

M2000-RTU	Occupancy	Occupancy (optional)
M2000-HP	Outside temperature	Outside temperature (optional)
M2000-HYD		
C1050-RTU		
C1050-HP	Math Values	
NC2000		



PL-M2000-MUA (Air Make-Up)

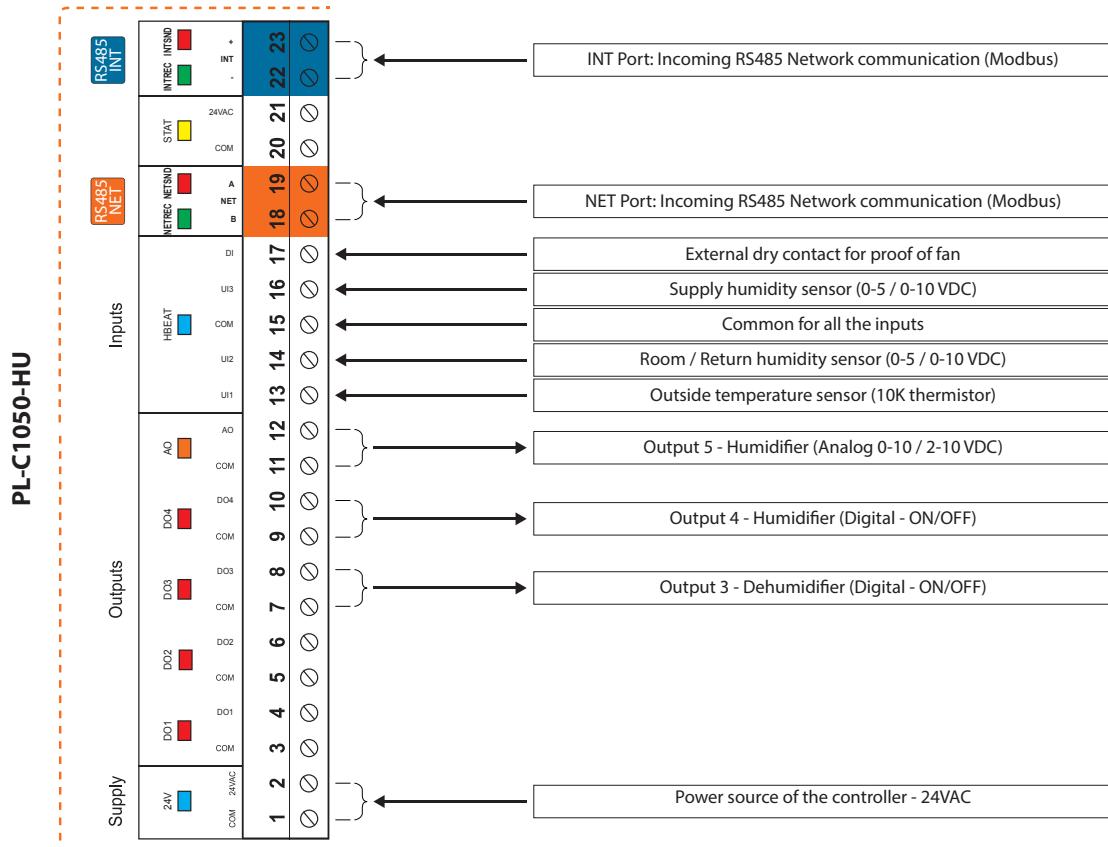


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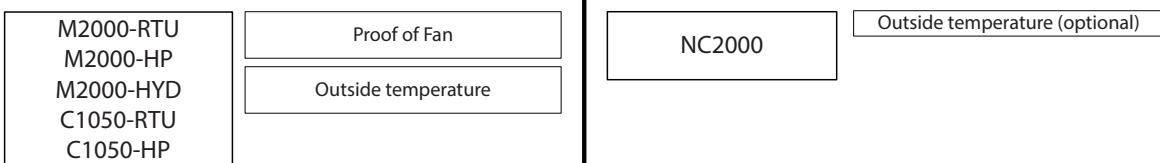
NC2000	Occupancy (optional)	T1100	Zone Demand
	Outside temperature (optional)		Occupancy Override



PL-C1050-HU (Humidifier)

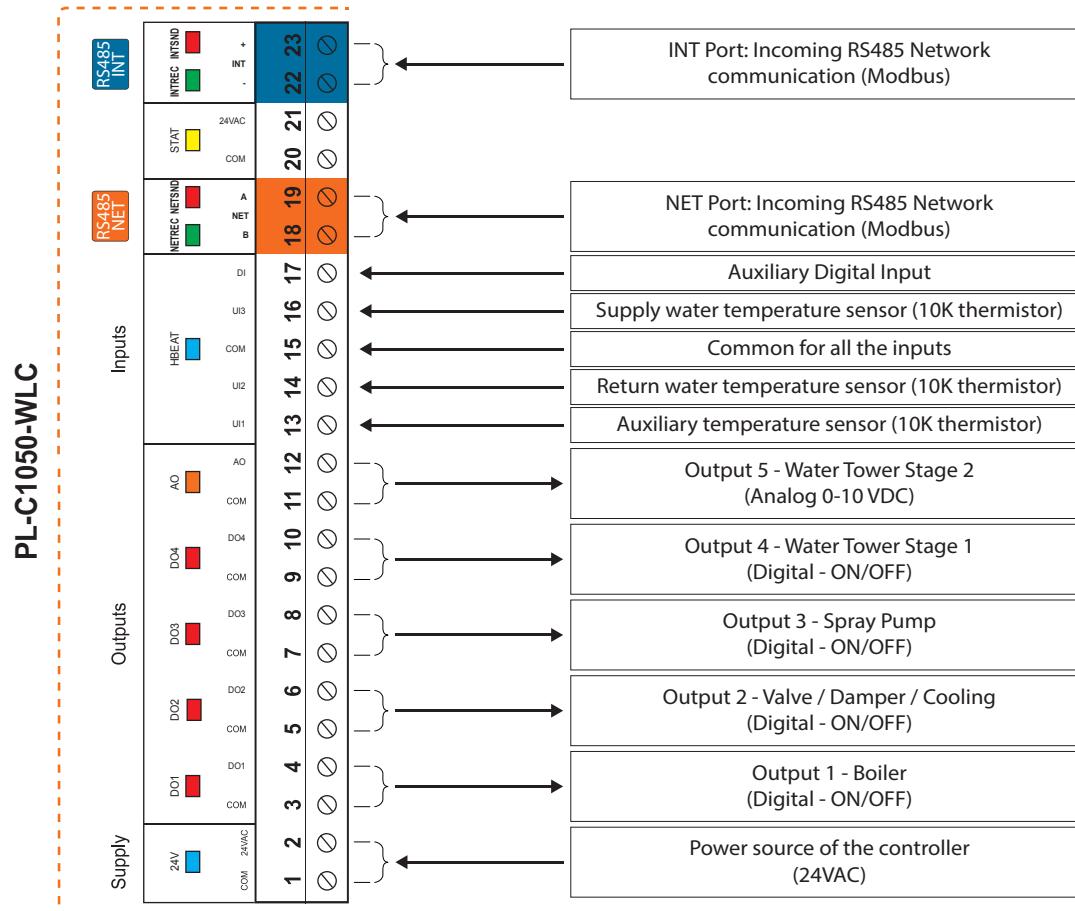


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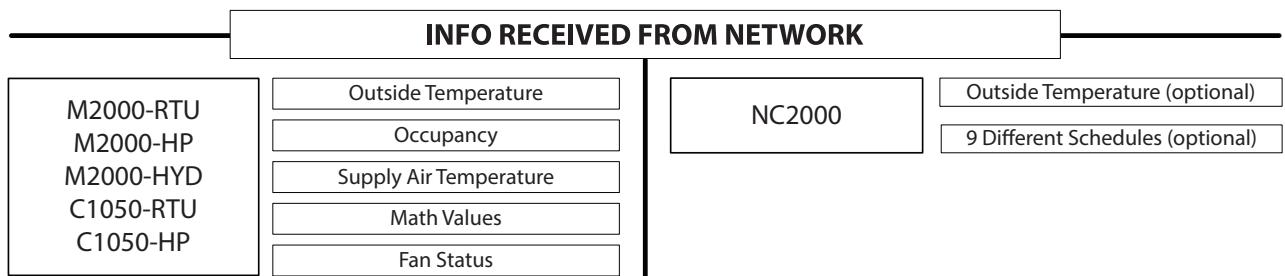
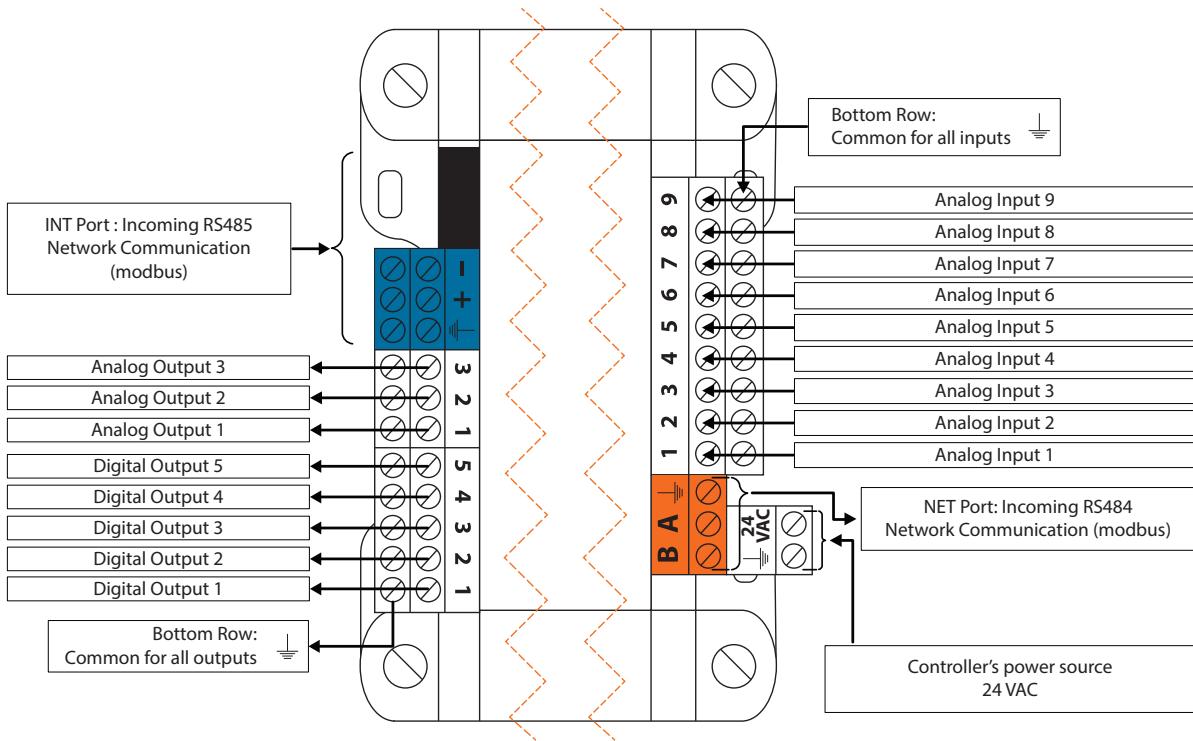


PL-C1050-WLC (*Water Loop Controller*)



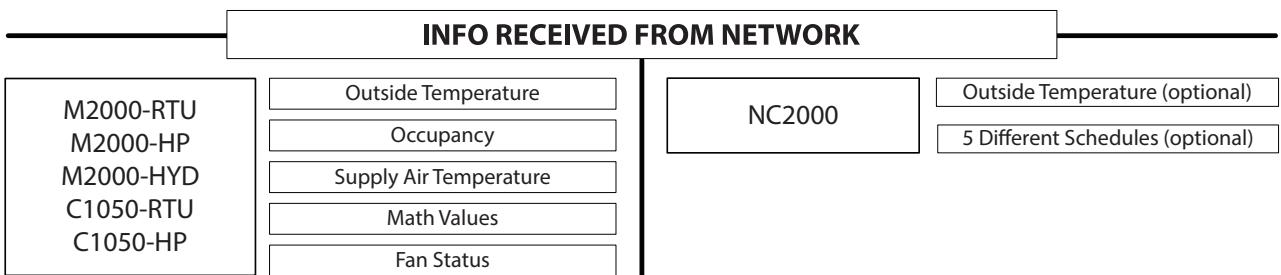
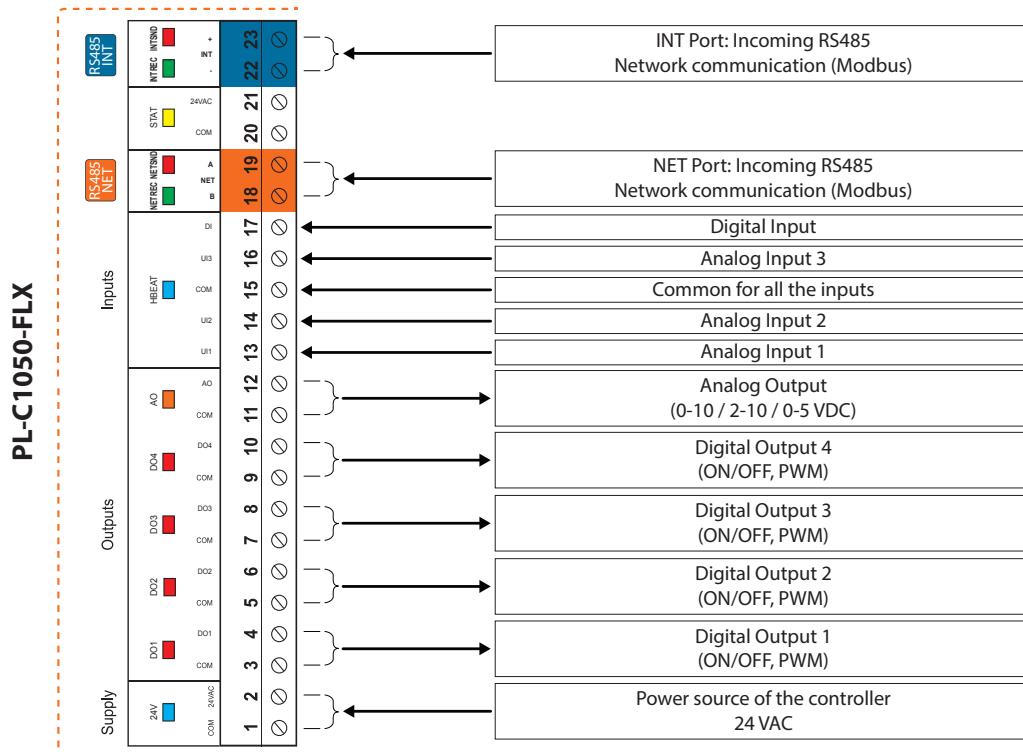


PL-M2000-FLX (FlexIO Controller)



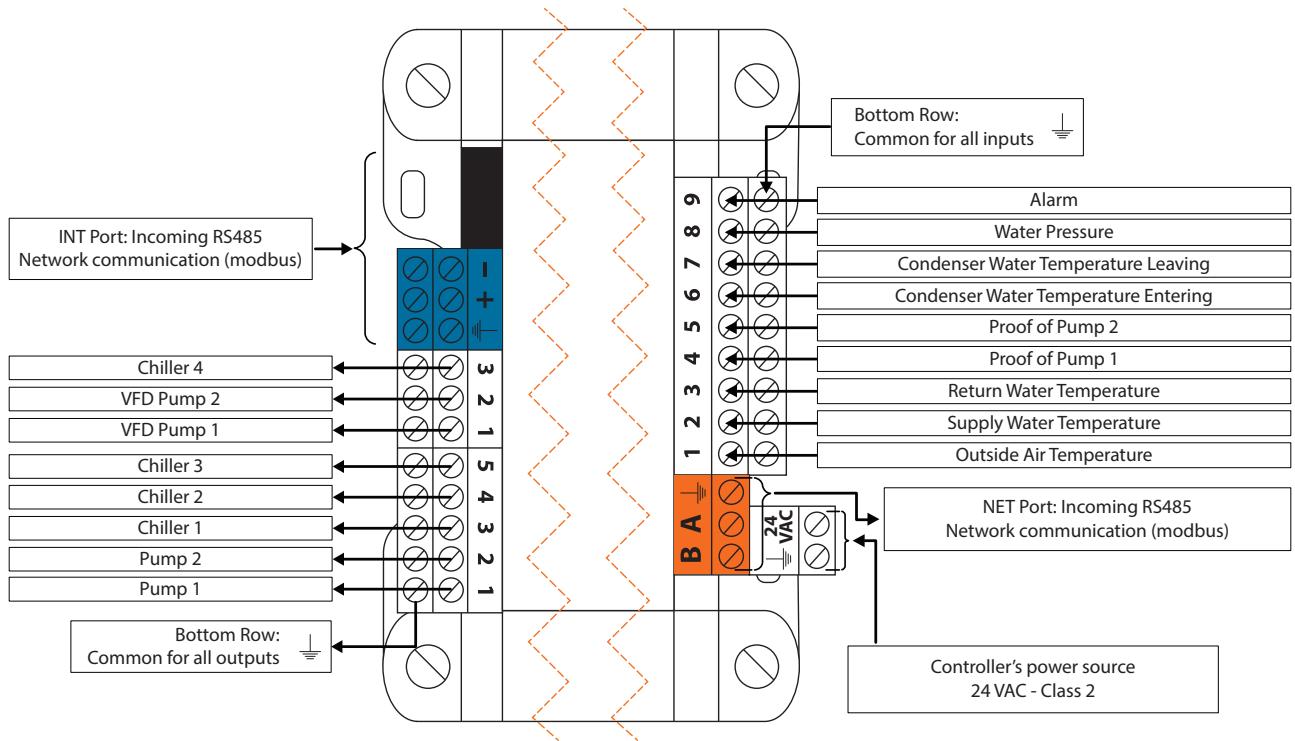


PL-C1050-FLX (FlexIO Controller)





PL-M2000-CHL (Chiller Controller)

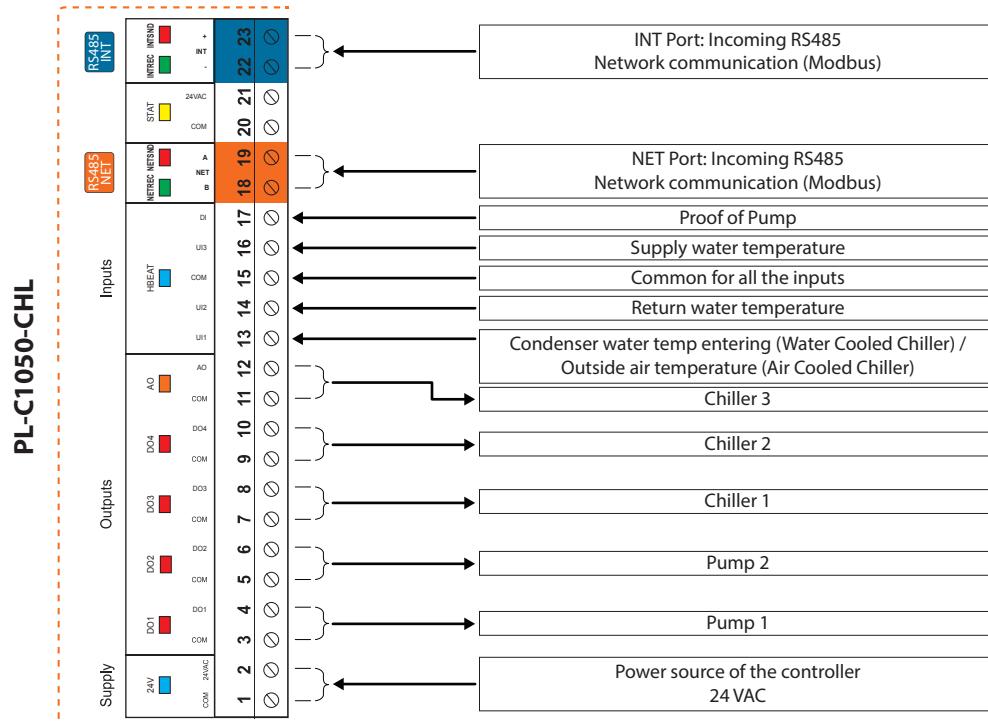


INFO RECEIVED FROM NETWORK

M2000-RTU M2000-HP M2000-HYD C1050-RTU C1050-HP	Occupancy Outside temperature Math Values	NC2000	Occupancy (optional) Outside temperature (optional)
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PL-C1050-CHL (Chiller Controller)



INFO RECEIVED FROM NETWORK

M2000-RTU	Occupancy	NC2000	Occupancy (optional)
M2000-HP	Outside temperature		Outside temperature (optional)
M2000-HYD			
C1050-RTU			
C1050-HP	Math Values		

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