



HARDWARE GUIDE

I/O Guide

Specifications and Operational Guide

www.proloncontrols.com | info@proloncontrols.com
17 510, rue Charles, Suite 100, Mirabel, QC, J7J 1X9

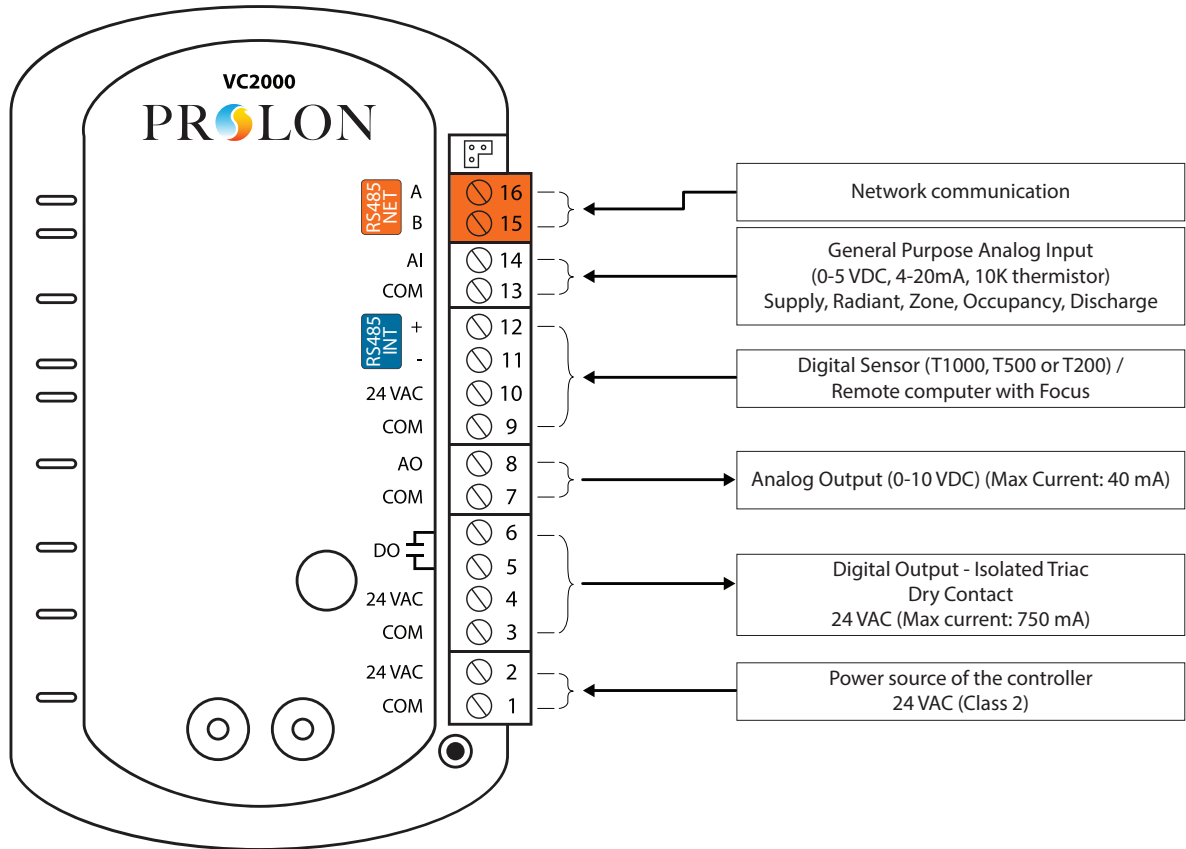


Table of Contents

PL-VC2000(-PI) (VAV).....	3
PL-C1050-VAV	4
PL-T1100 (Thermostat).....	5
PL-T1000 (Digital Wall Sensor)	6
PL-T500 / PL-T200 (Digital Wall Sensor)	6
PL-M2000-RTU/RTUS (Zoning Rooftop Controller & Single-Zone Rooftop Controller).....	7
PL-C1050-RTU/RTUS (Zoning Rooftop Controller & Single-Zone Controller).....	8
PL-M2000-HP/HPS (Zoning Heatpump Controller & Single-Zone Heatpump Controller)	9
PL-C1050-HP/HPS (Zoning Heatpump Controller & Single-Zone Heatpump Controller).....	10
PL-M2000-BLR (Modulating Boiler)	11
PL-M2000-BLR (Staged Boiler)	12
PL-C1050-BLR (Modulating Boiler)	13
PL-C1050-BLR (Staged Boiler)	14
PL-M2000-MUA (Air Make-Up)	15
PL-C1050-HU (Humidifier)	16
PL-C1050-WLC (Water Loop Controller).....	17
PL-M2000-FLX (FlexIO Controller).....	18
PL-C1050-FLX (FlexIO Controller)	19
PL-M2000-CHL (Chiller Controller).....	20
PL-C1050-CHL (Chiller Controller)	21
PL-M2000-FCU (Fan Coil Unit Controller with two-pipe system).....	22
PL-M2000-FCU (Fan Coil Unit Controller with four pipe system).....	23
PL-C1050-FCU (Fan Coil Unit Controller with two-pipe system)	24
PL-C1050-FCU (Fan Coil Unit Controller with four pipe system)	25



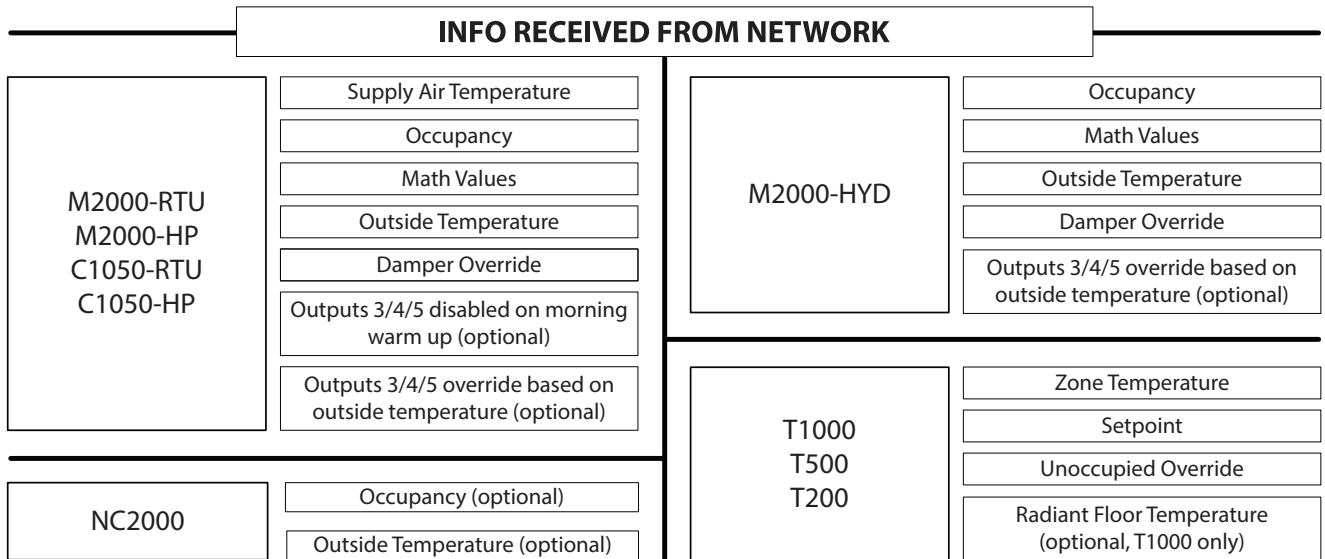
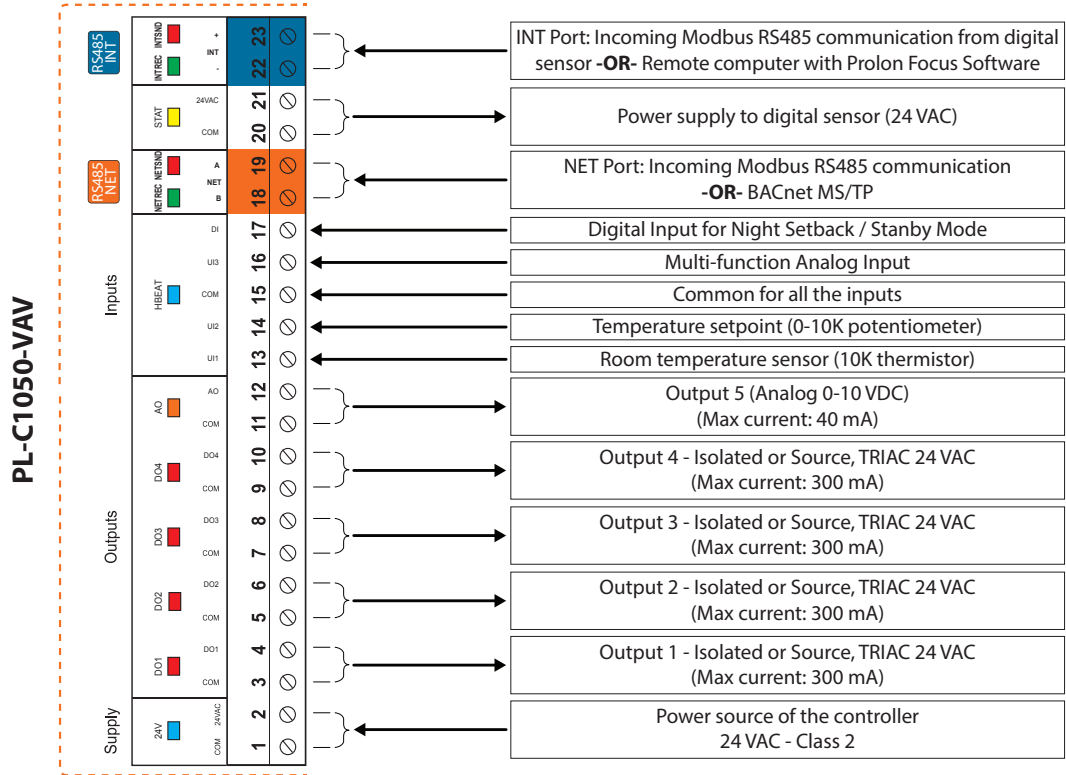
PL-VC2000(-PI) (VAV)



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		DO/AO override based on outside temperature (optional)
	DO/AO disabled on morning warm-up (optional)		
NC2000	DO/AO override based on outside temperature (optional)	T1000 T500 T200	Zone Temperature
	Occupancy (optional)		Setpoint
	Outside Temperature (optional)		Unoccupied Override
			Radiant Floor Temperature (optional, T1000 only)

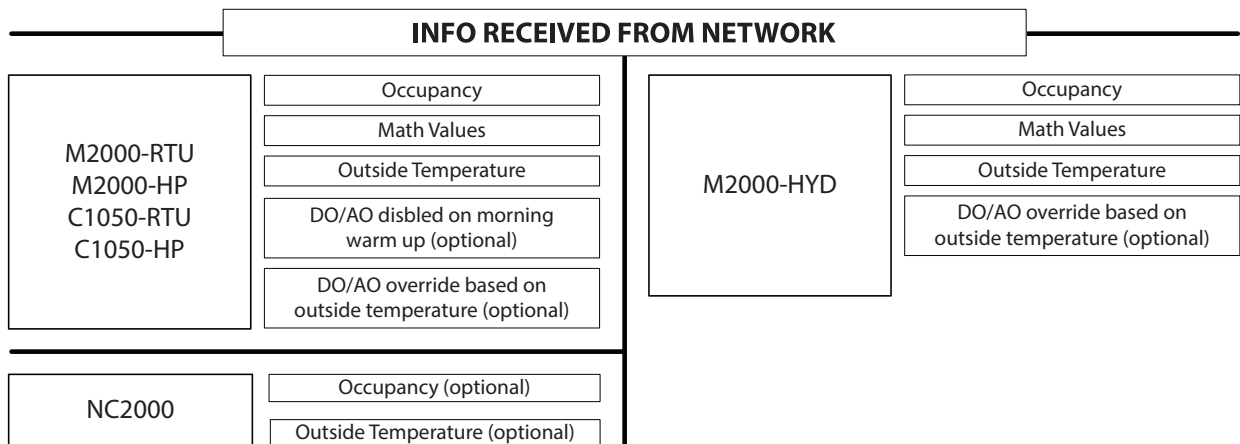
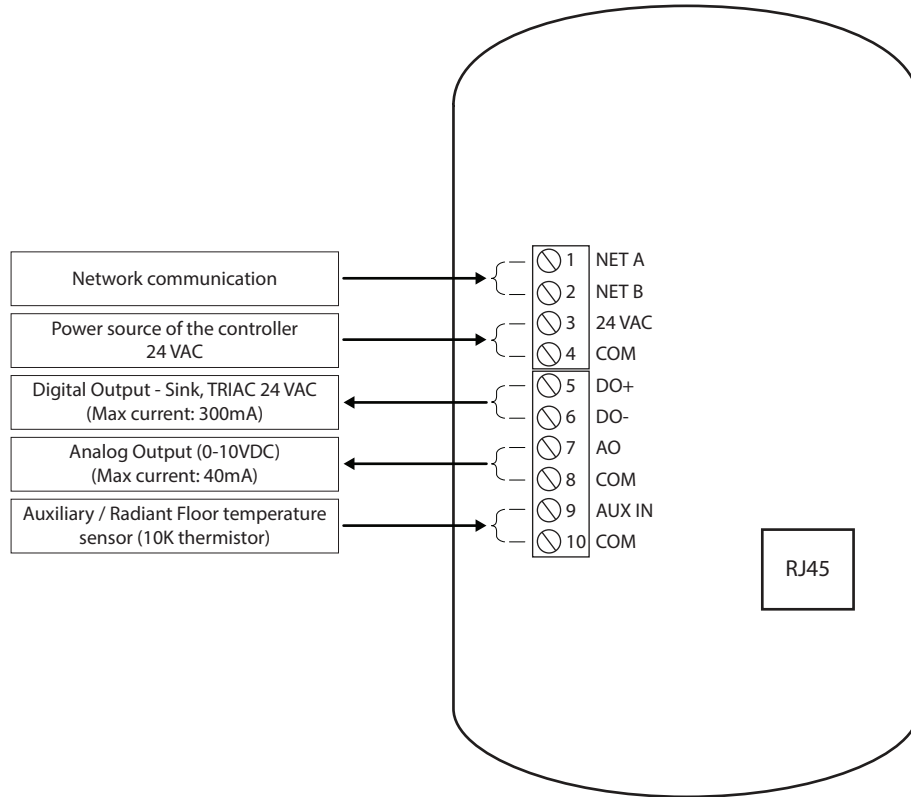


PL-C1050-VAV



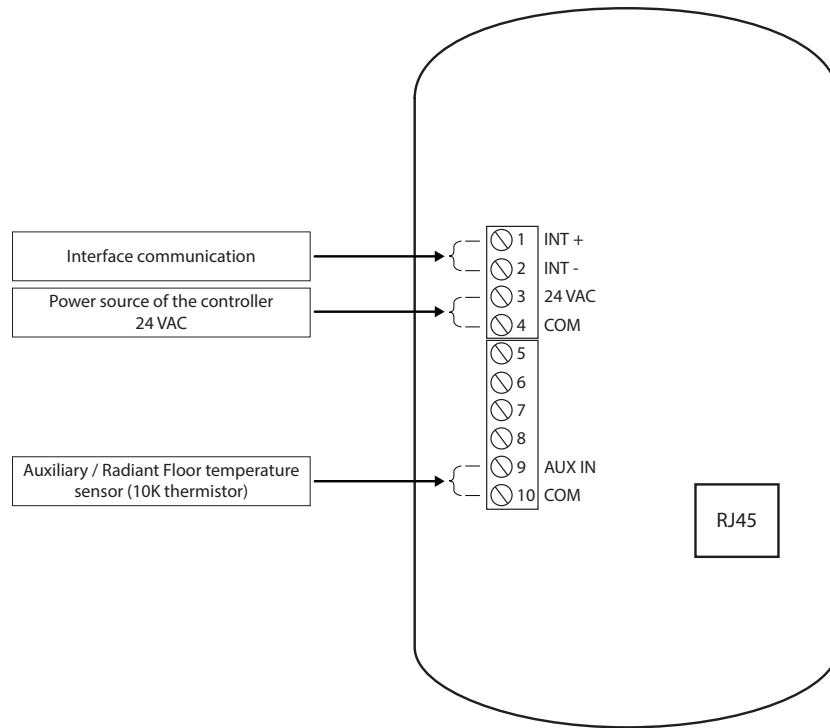


PL-T1100 (Thermostat)

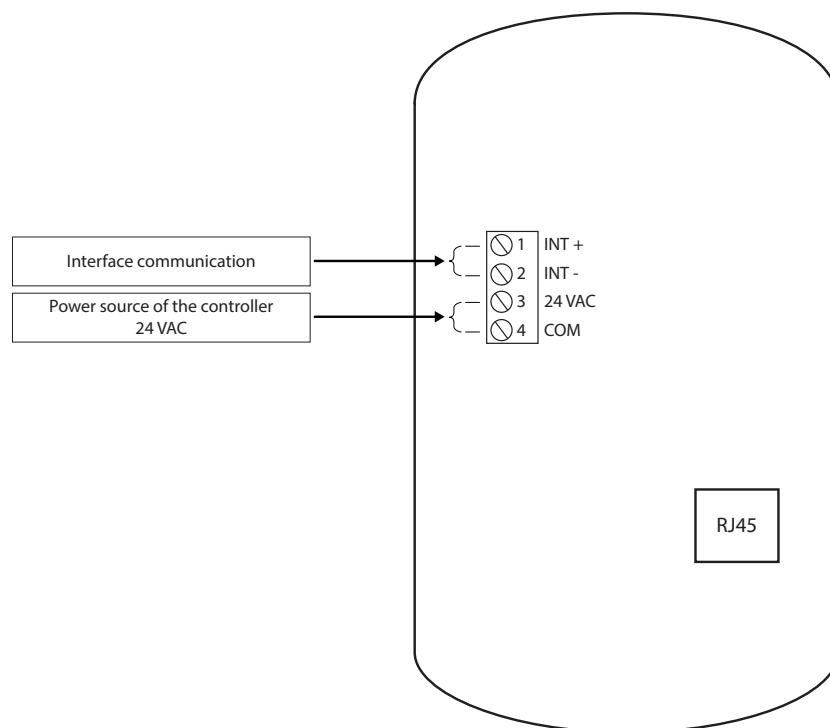




PL-T1000 (Digital Wall Sensor)

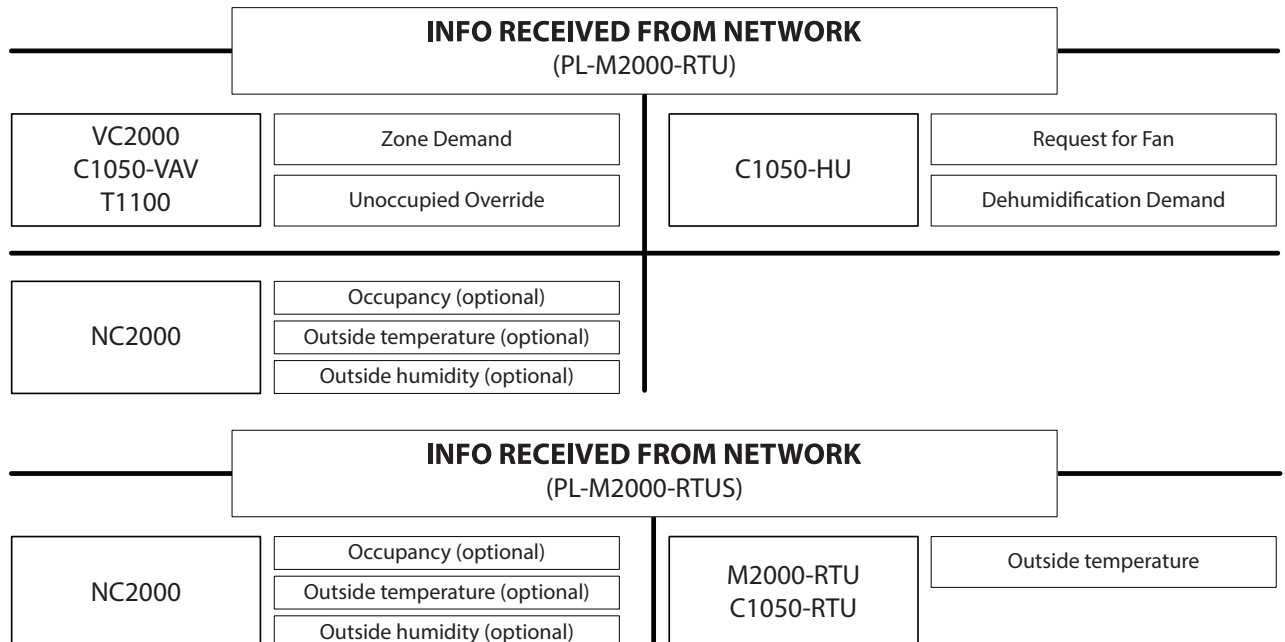
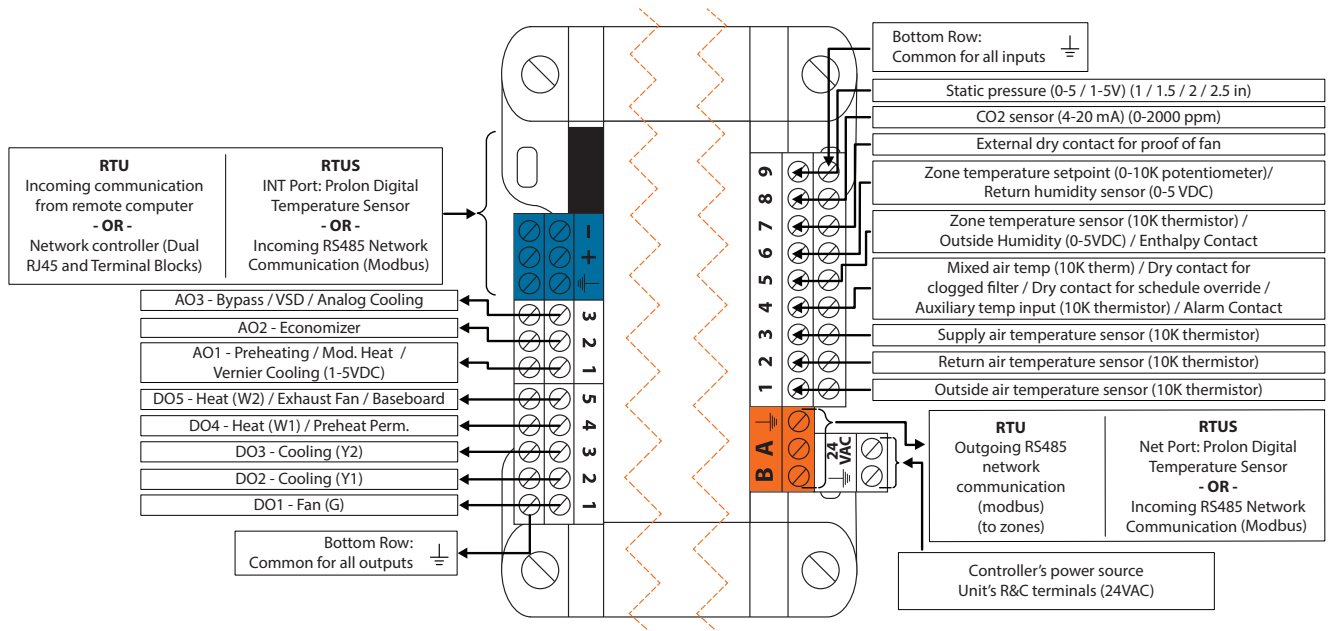


PL-T500 / PL-T200 (Digital Wall Sensor)



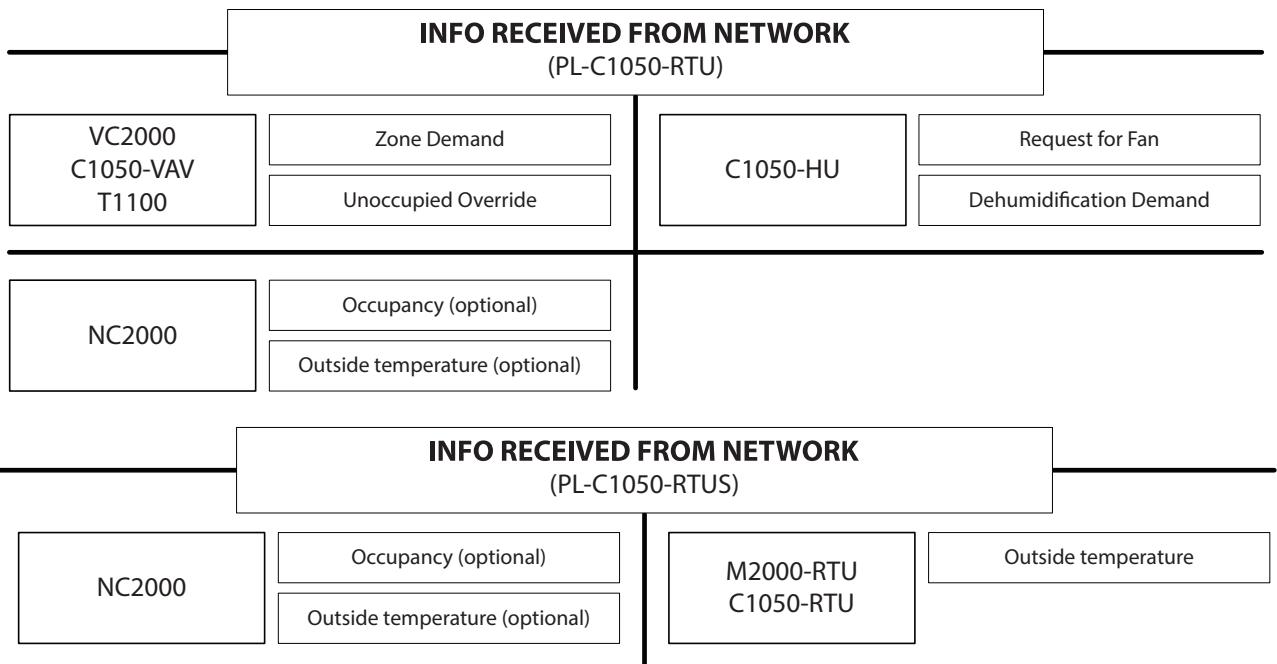
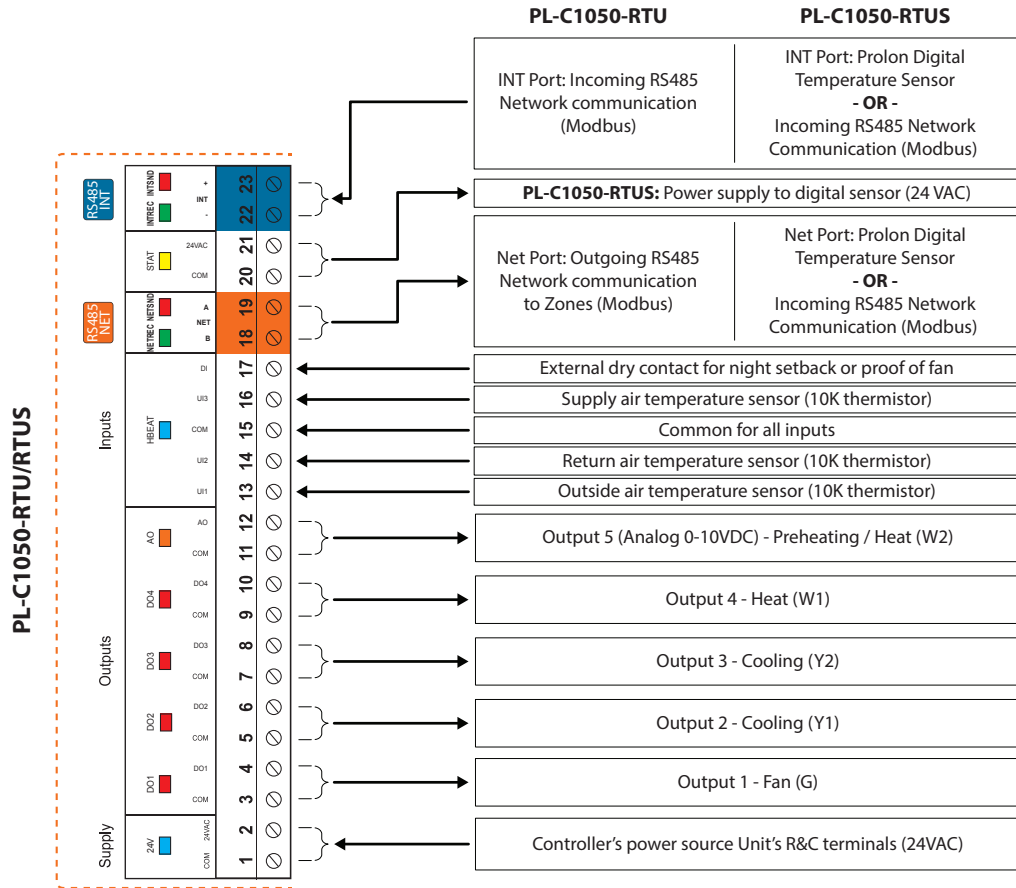


PL-M2000-RTU/RTUS (Zoning Rooftop Controller & Single-Zone Rooftop Controller)



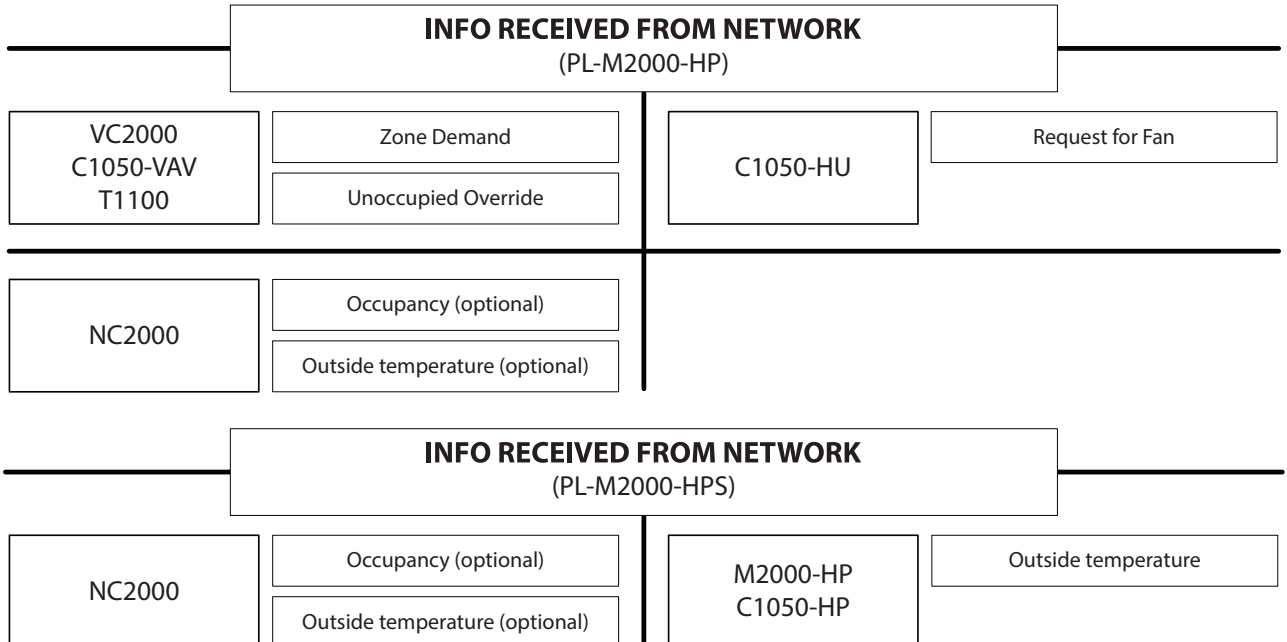
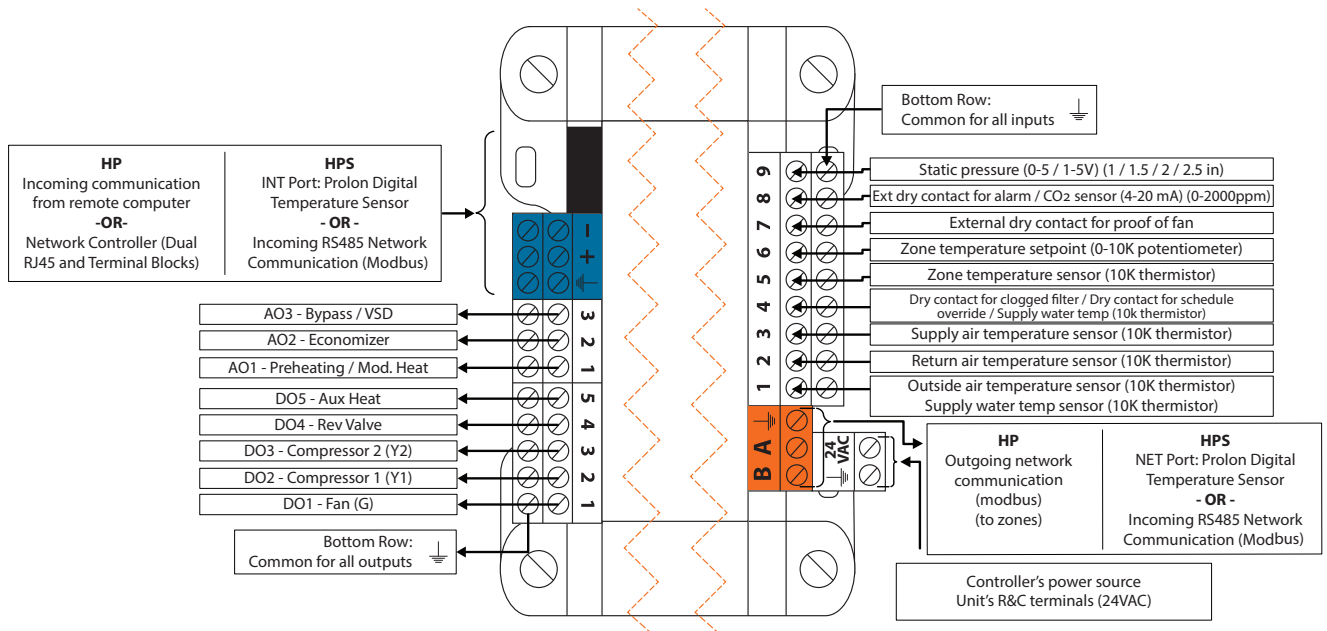


PL-C1050-RTU/RTUS (Zoning Rooftop Controller & Single-Zone Controller)



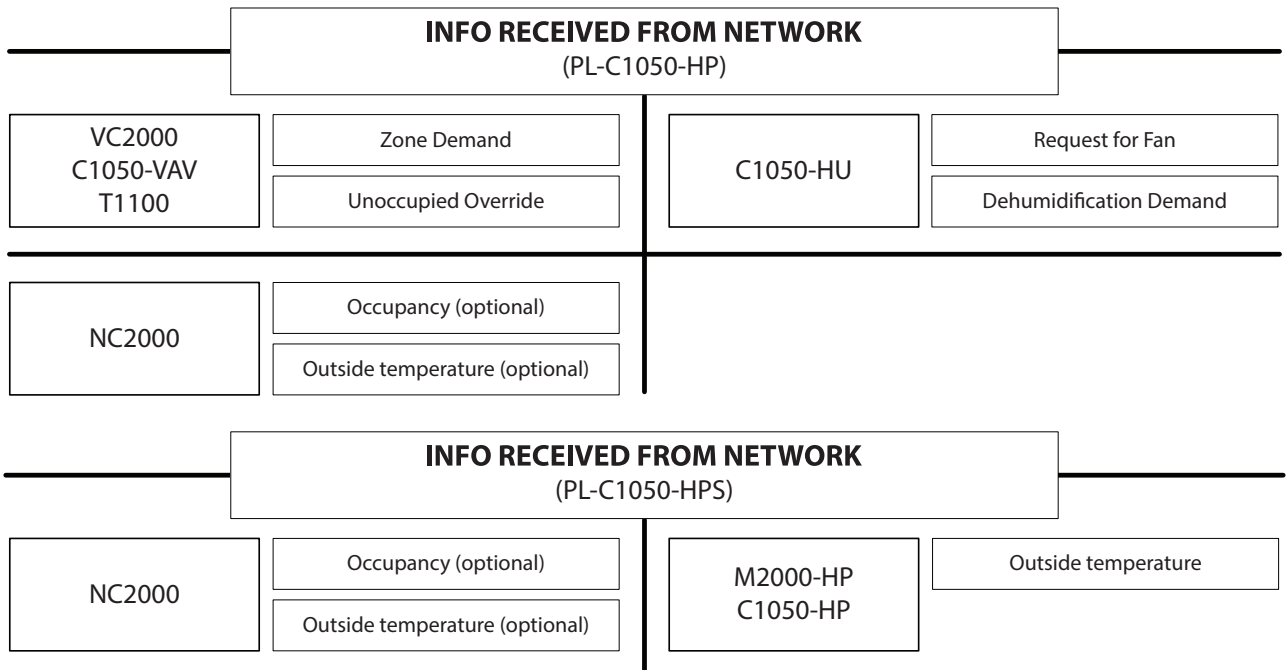
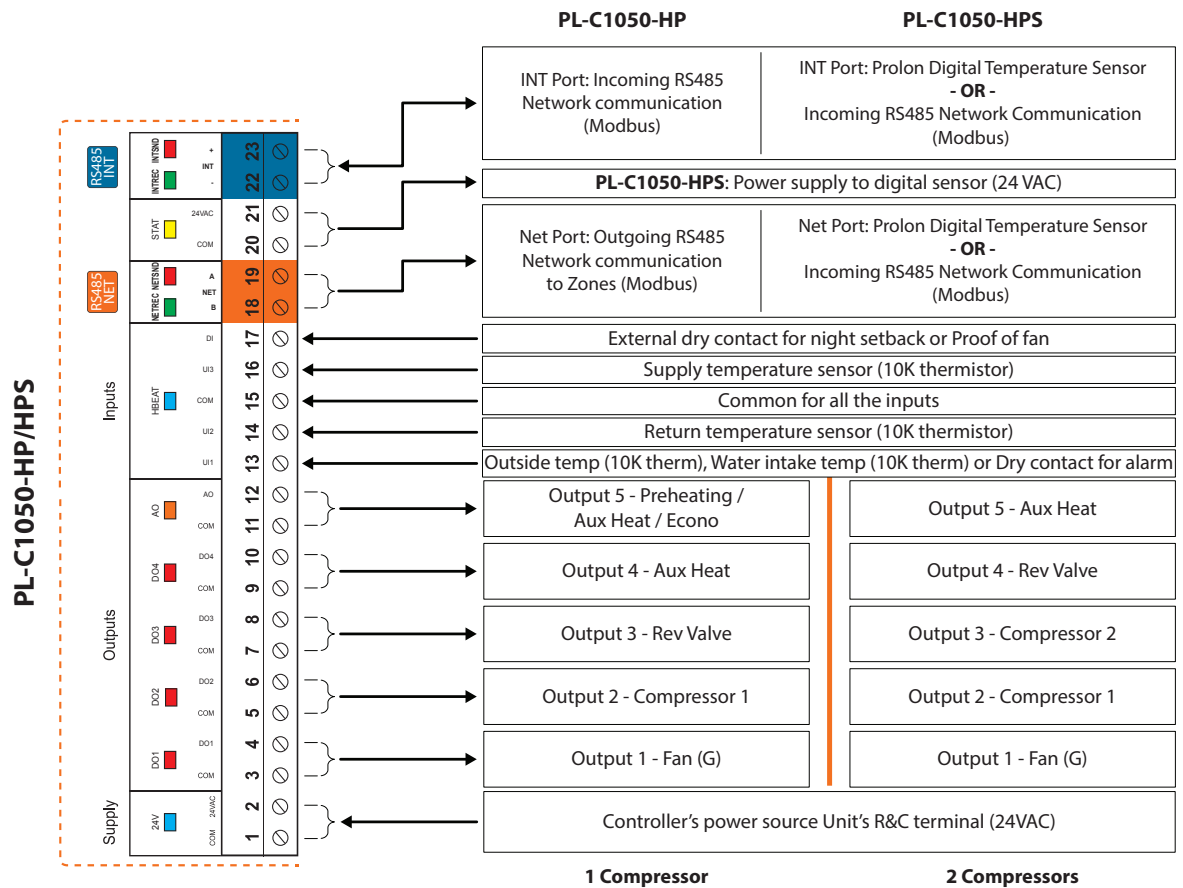


PL-M2000-HP/HPS (Zoning Heatpump Controller & Single-Zone Heatpump Controller)



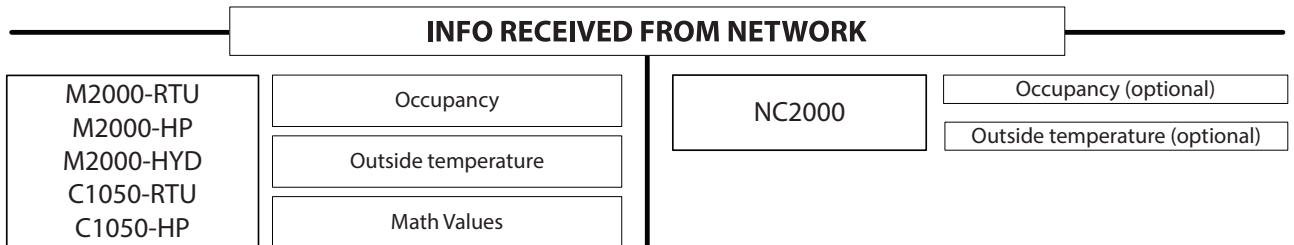
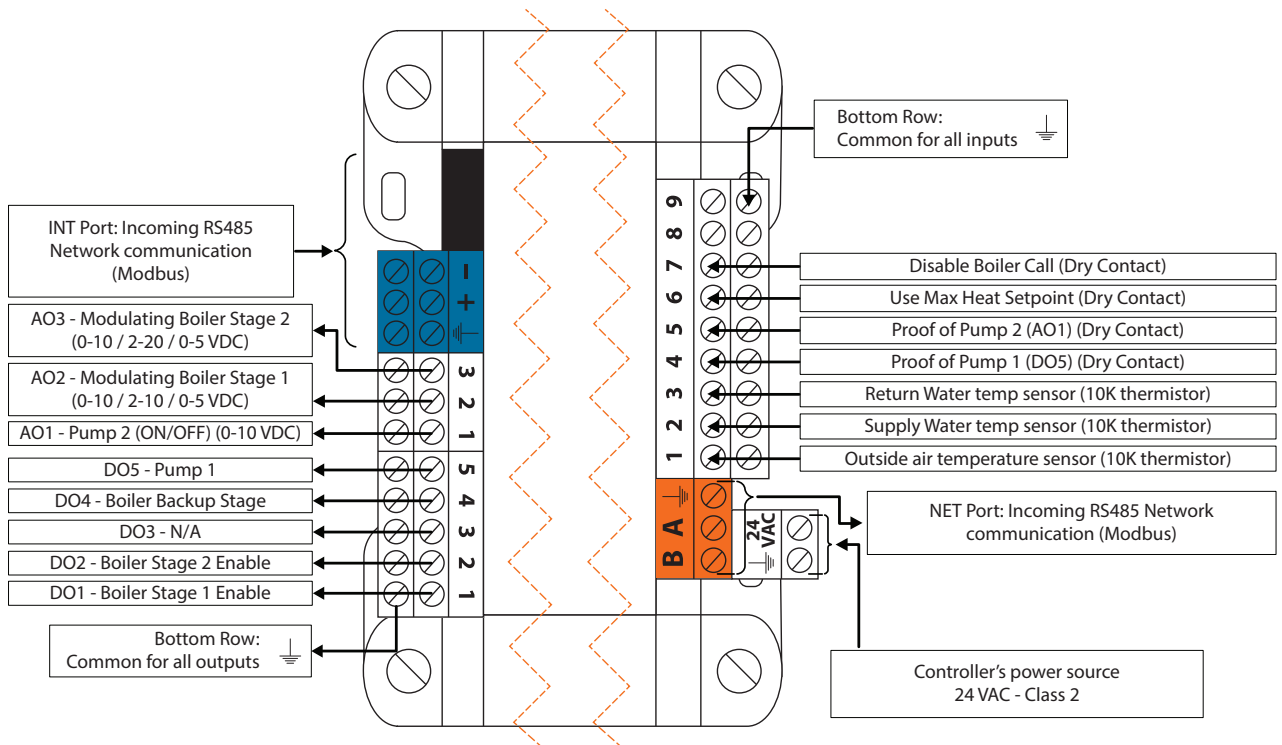


PL-C1050-HP/HPS (Zoning Heatpump Controller & Single-Zone Heatpump Controller)



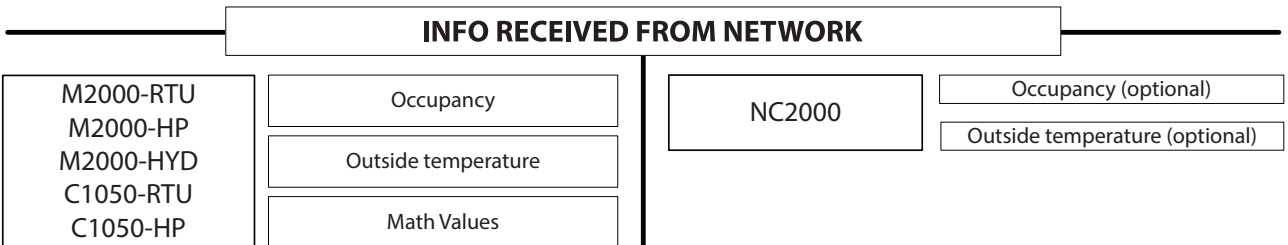
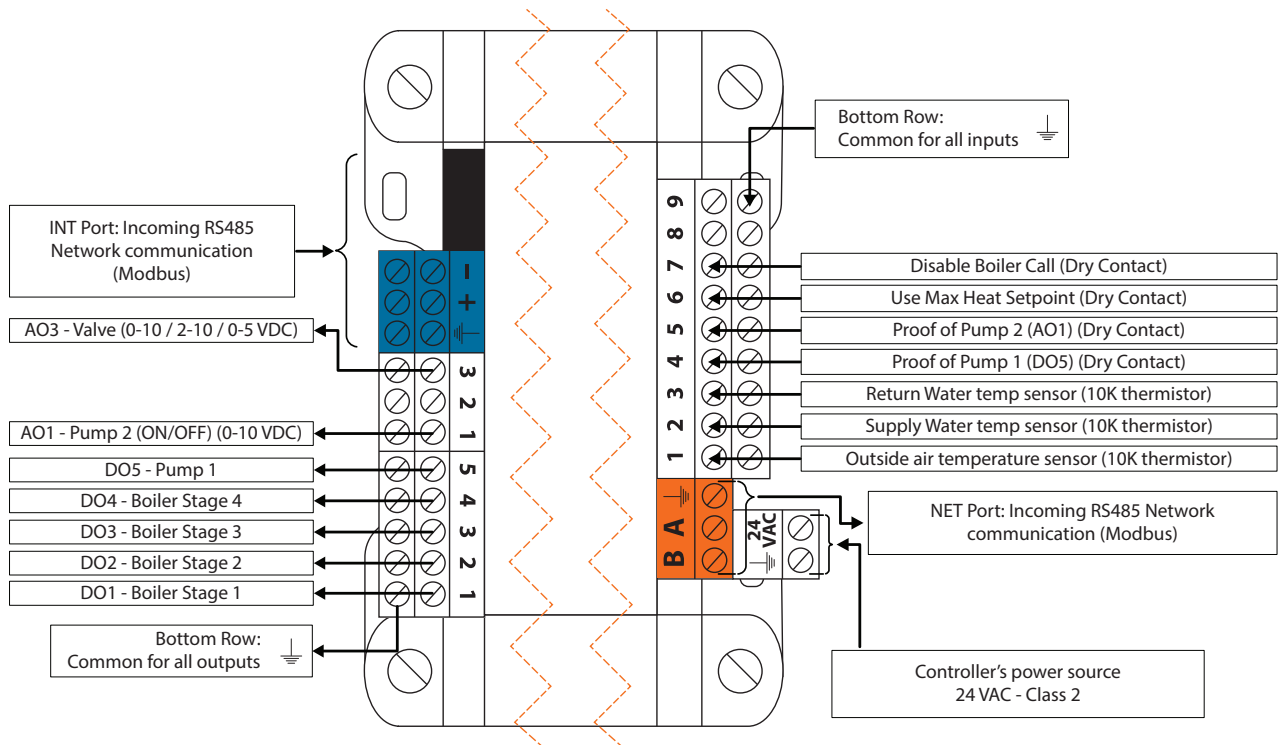


PL-M2000-BLR (Modulating Boiler)



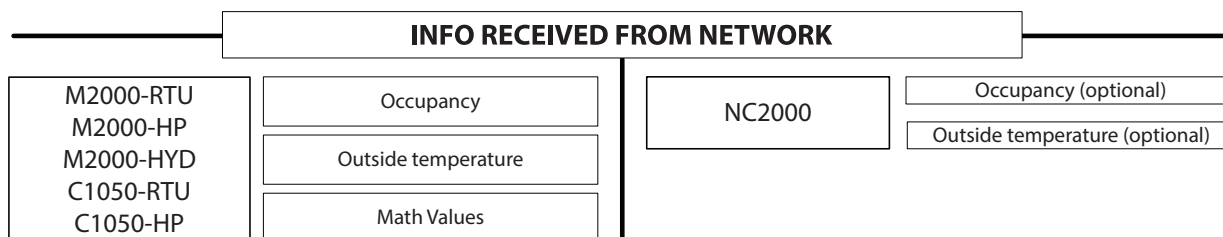
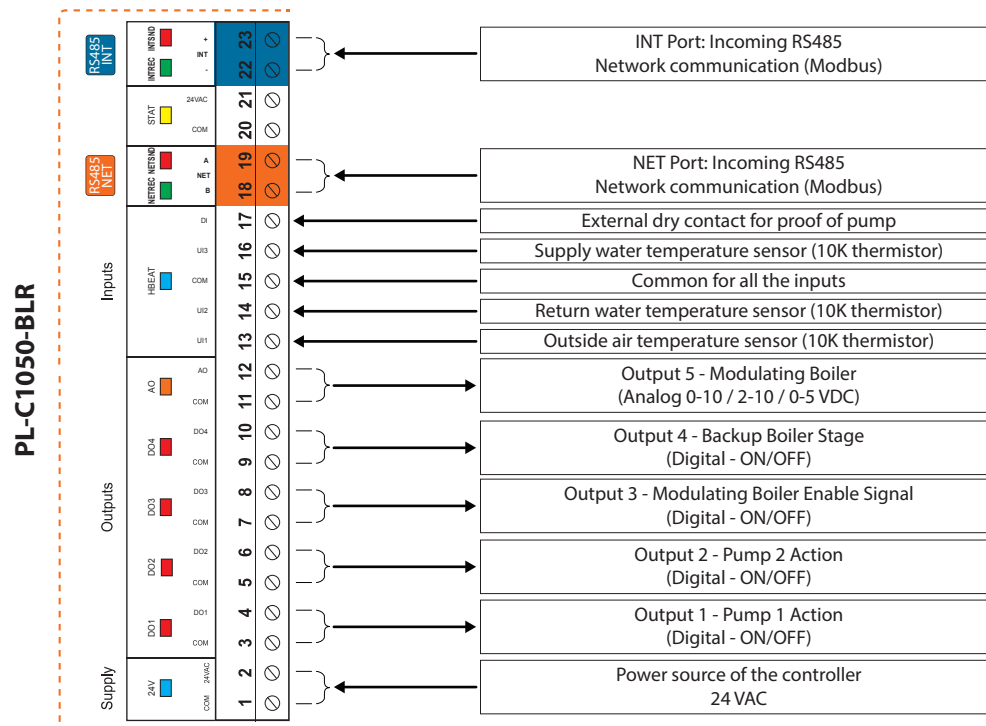


PL-M2000-BLR (Staged Boiler)



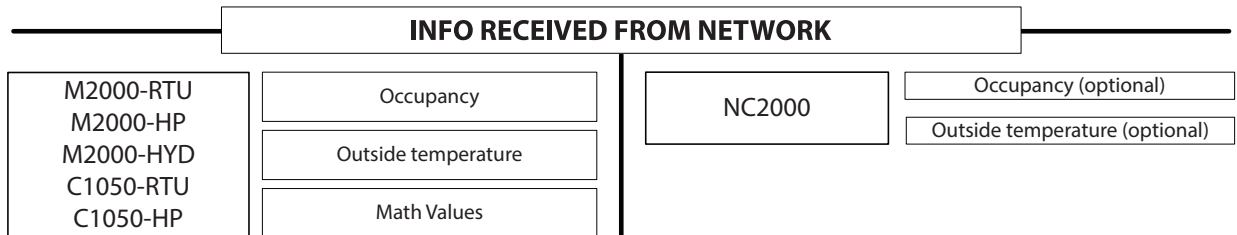
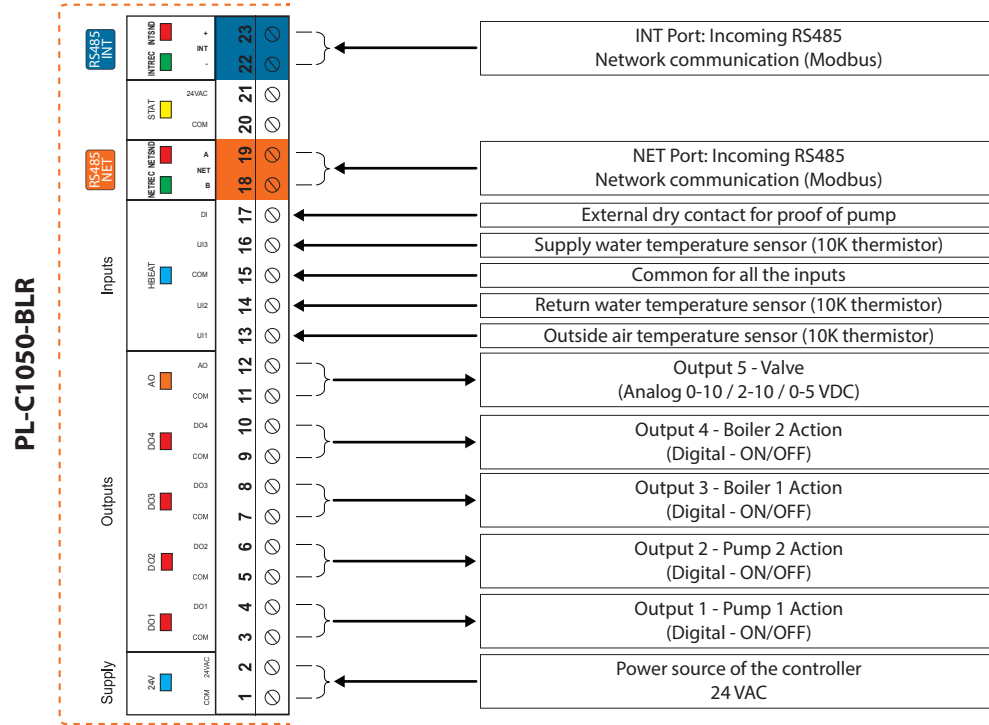


PL-C1050-BLR (Modulating Boiler)



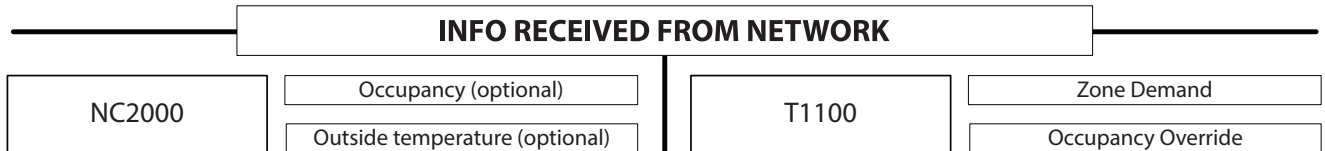
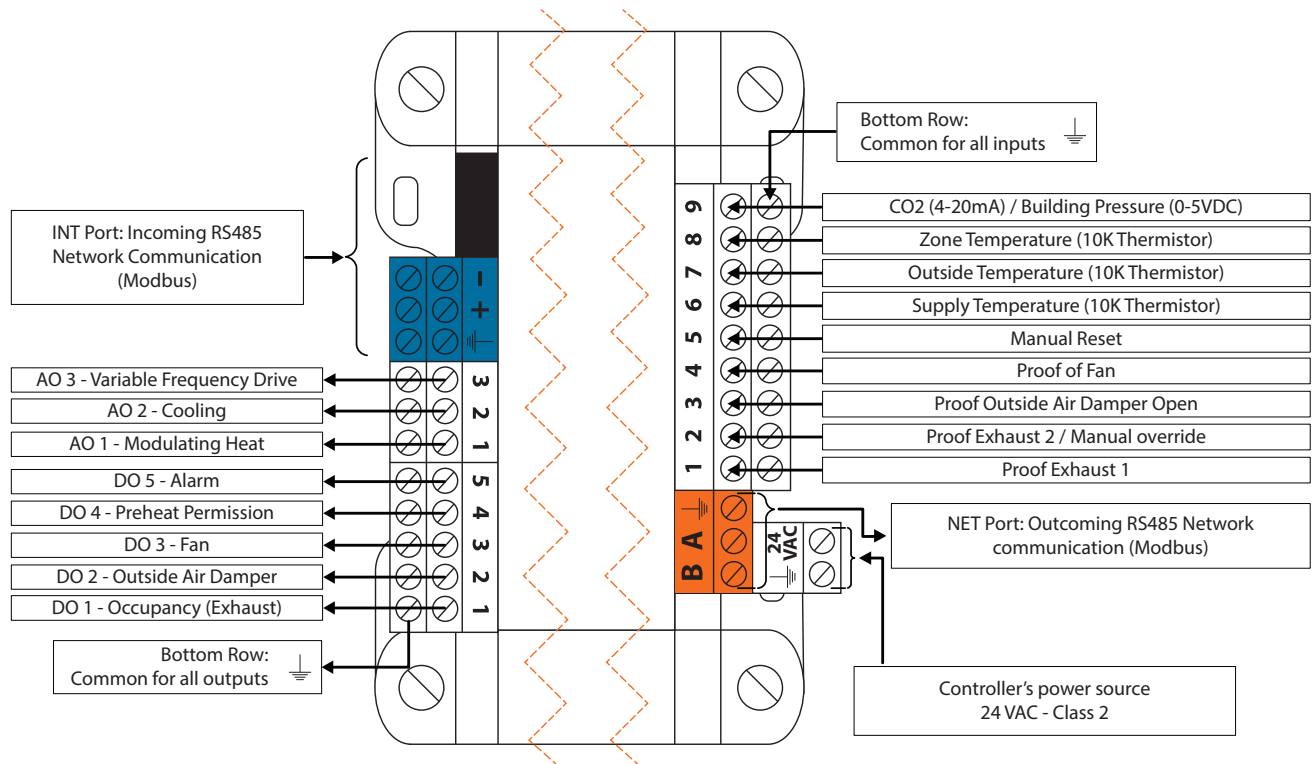


PL-C1050-BLR (Staged Boiler)



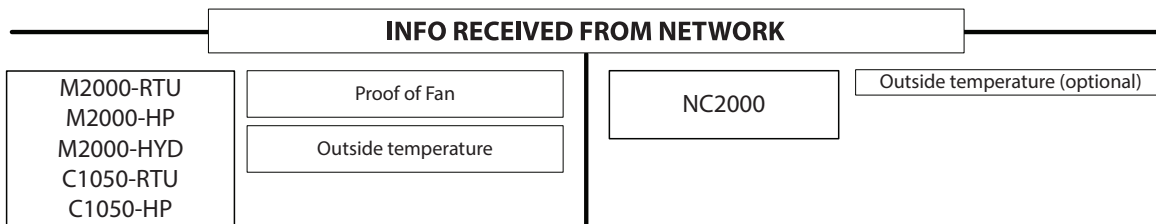
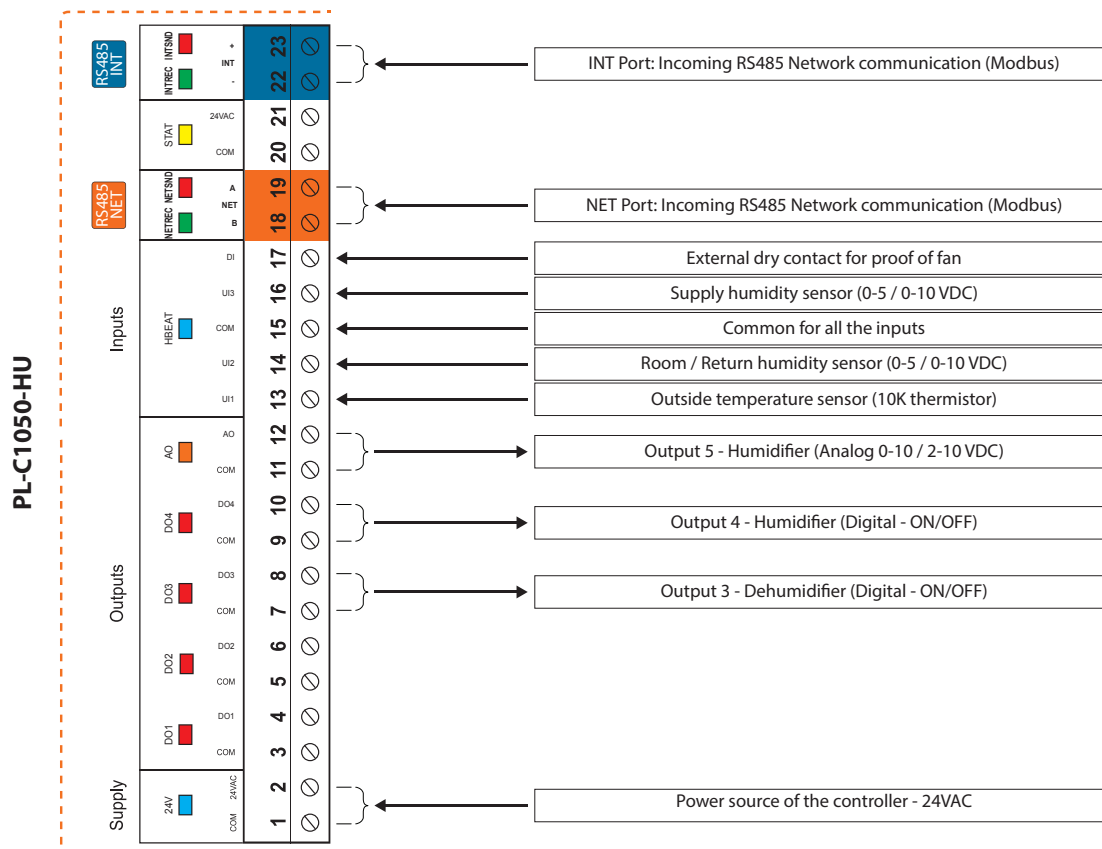


PL-M2000-MUA (Air Make-Up)





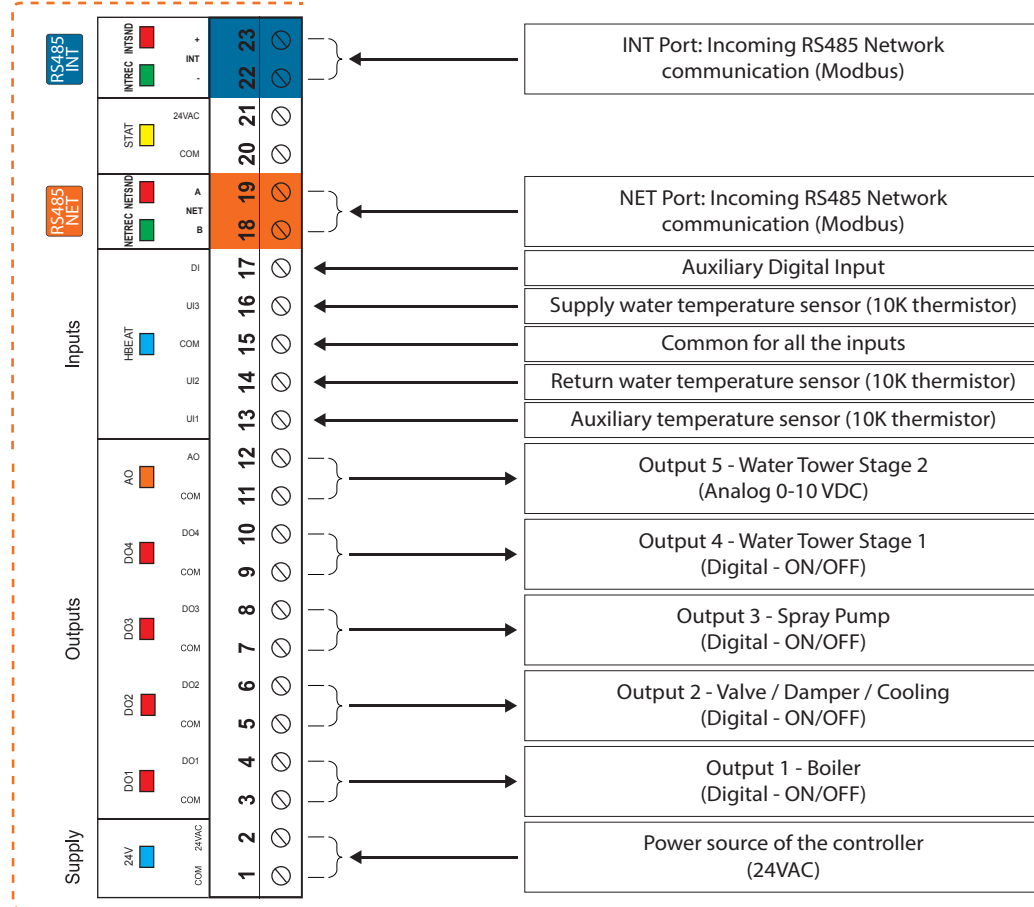
PL-C1050-HU (Humidifier)





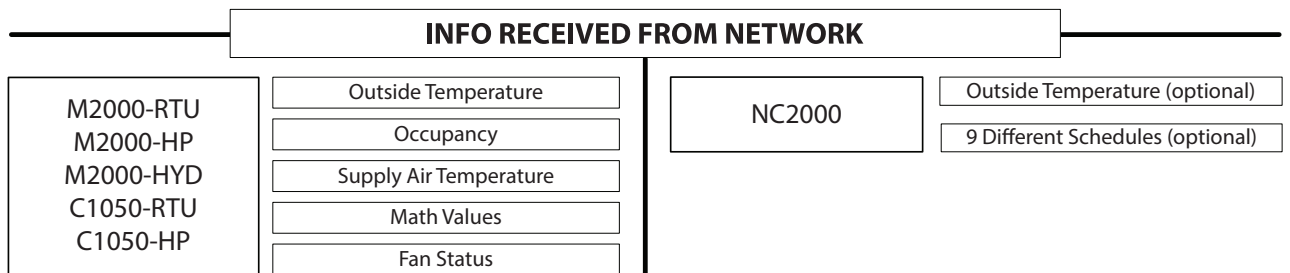
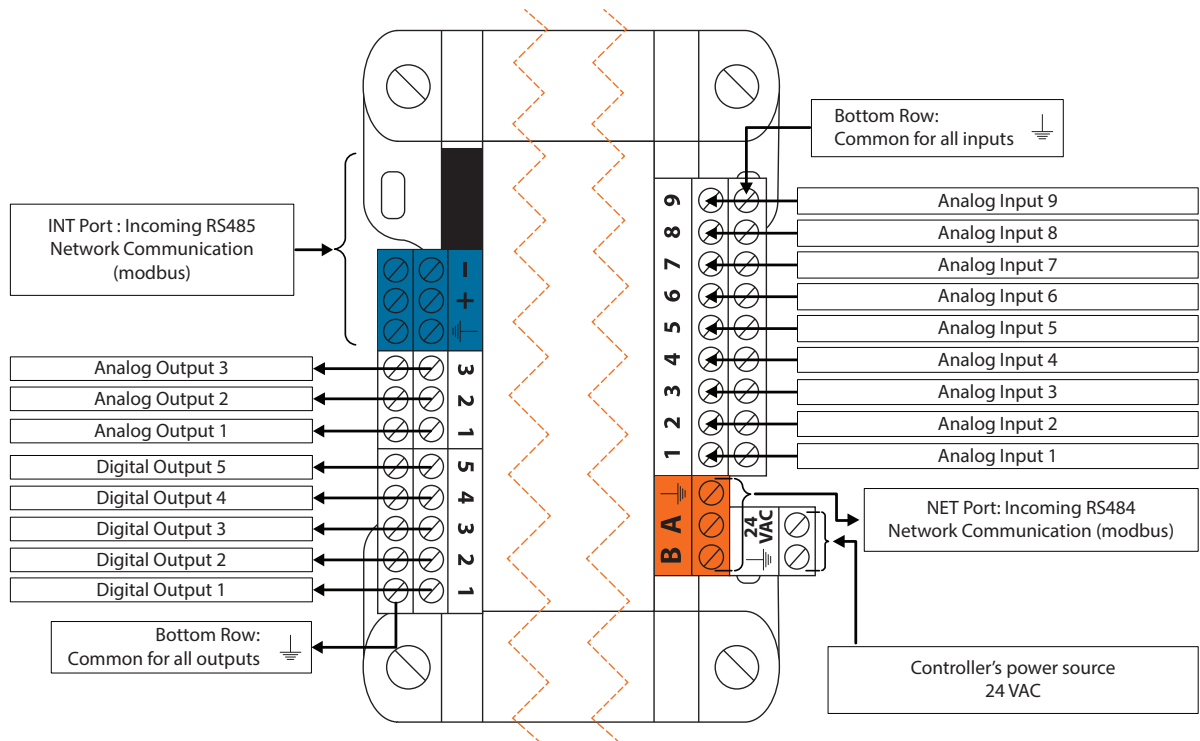
PL-C1050-WLC (Water Loop Controller)

PL-C1050-WLC



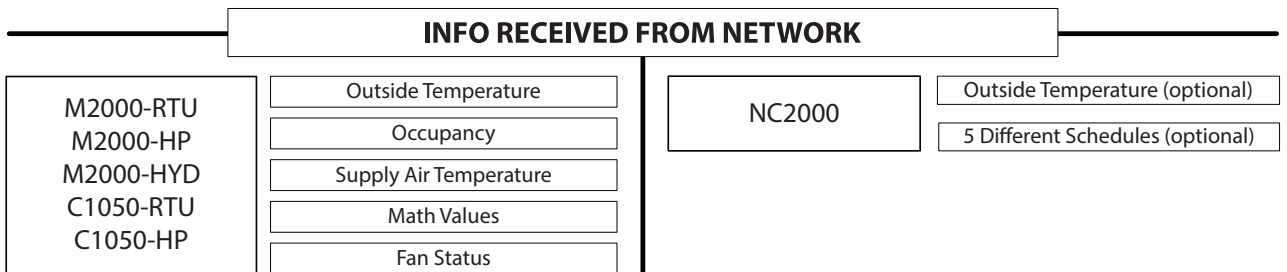
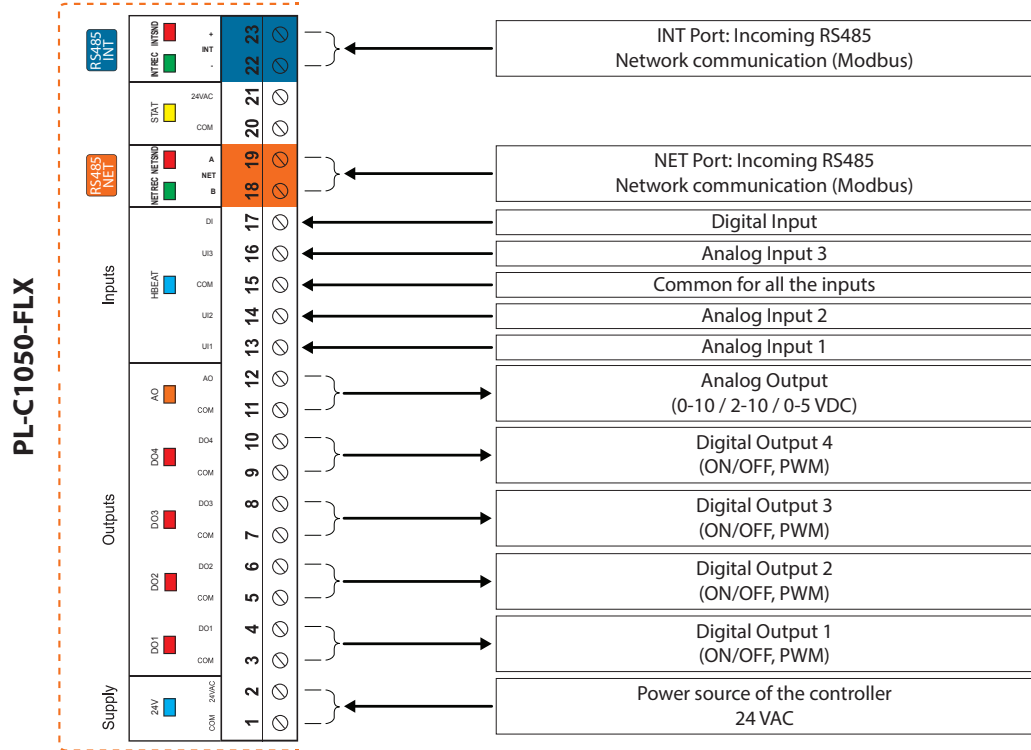


PL-M2000-FLX (FlexIO Controller)



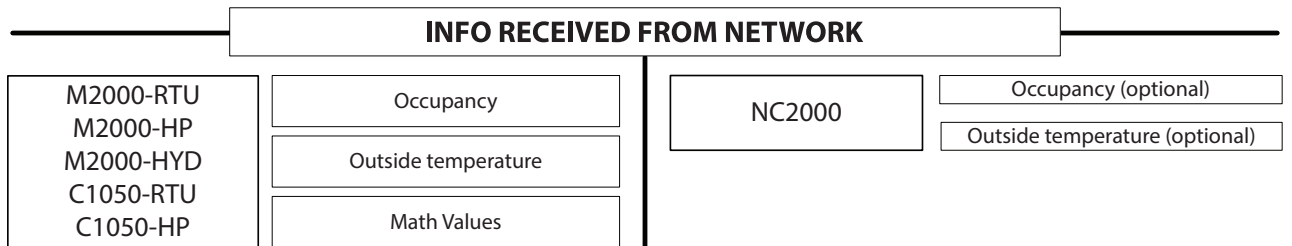
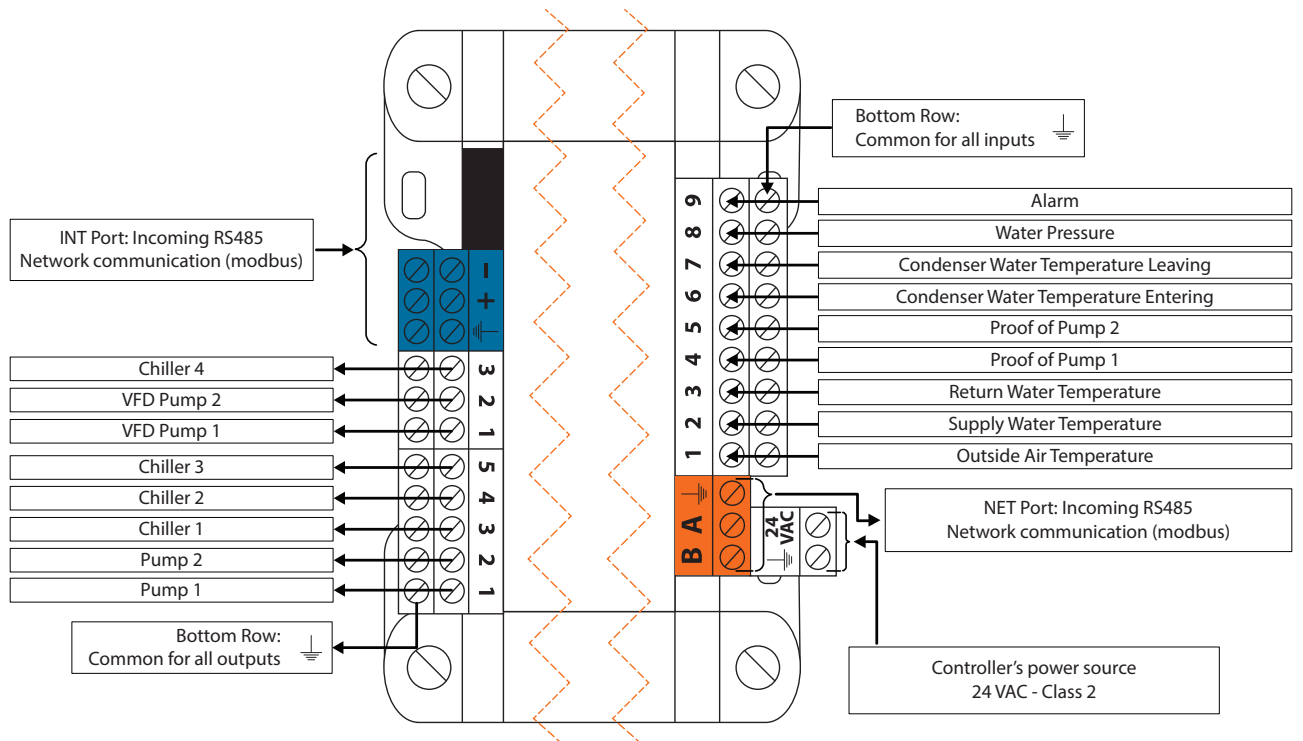


PL-C1050-FLX (FlexIO Controller)



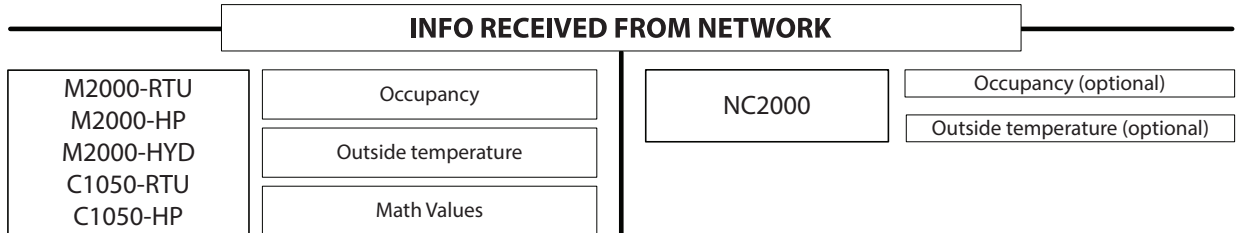
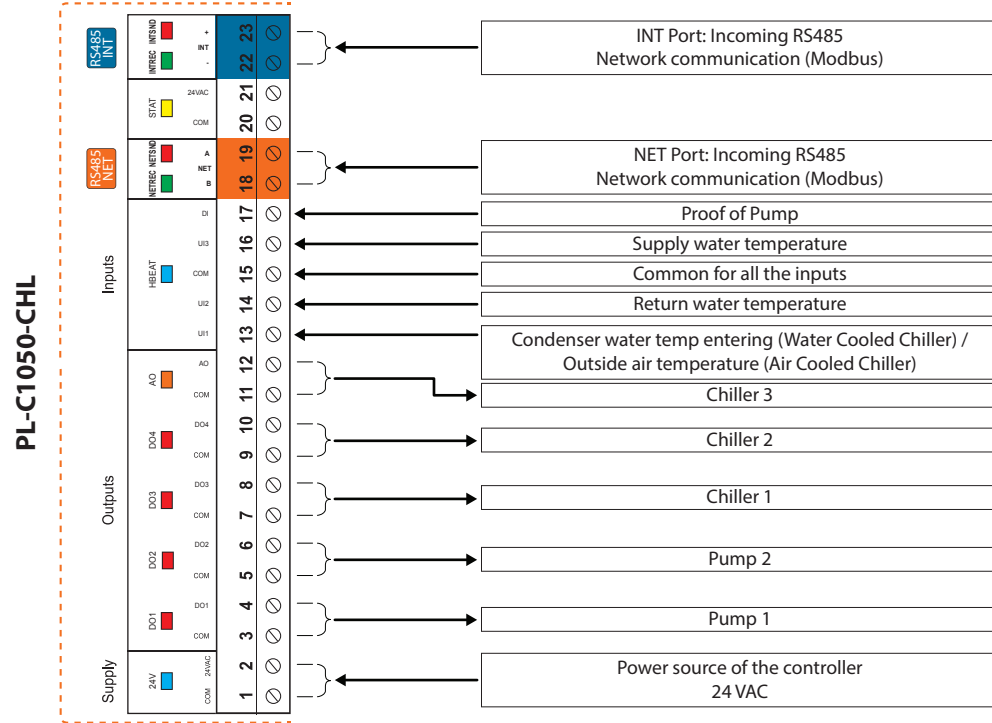


PL-M2000-CHL (Chiller Controller)



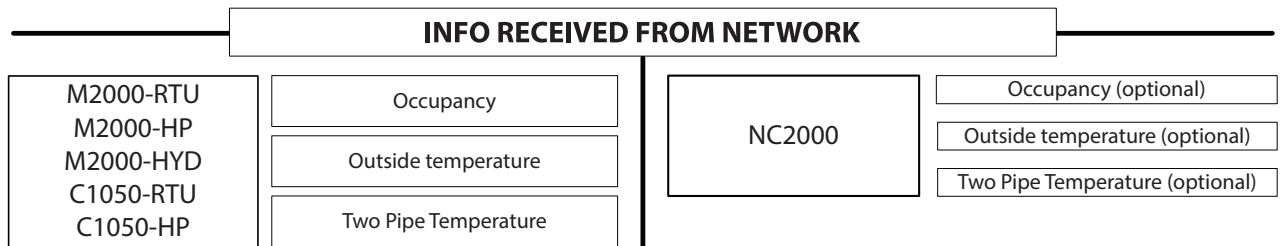
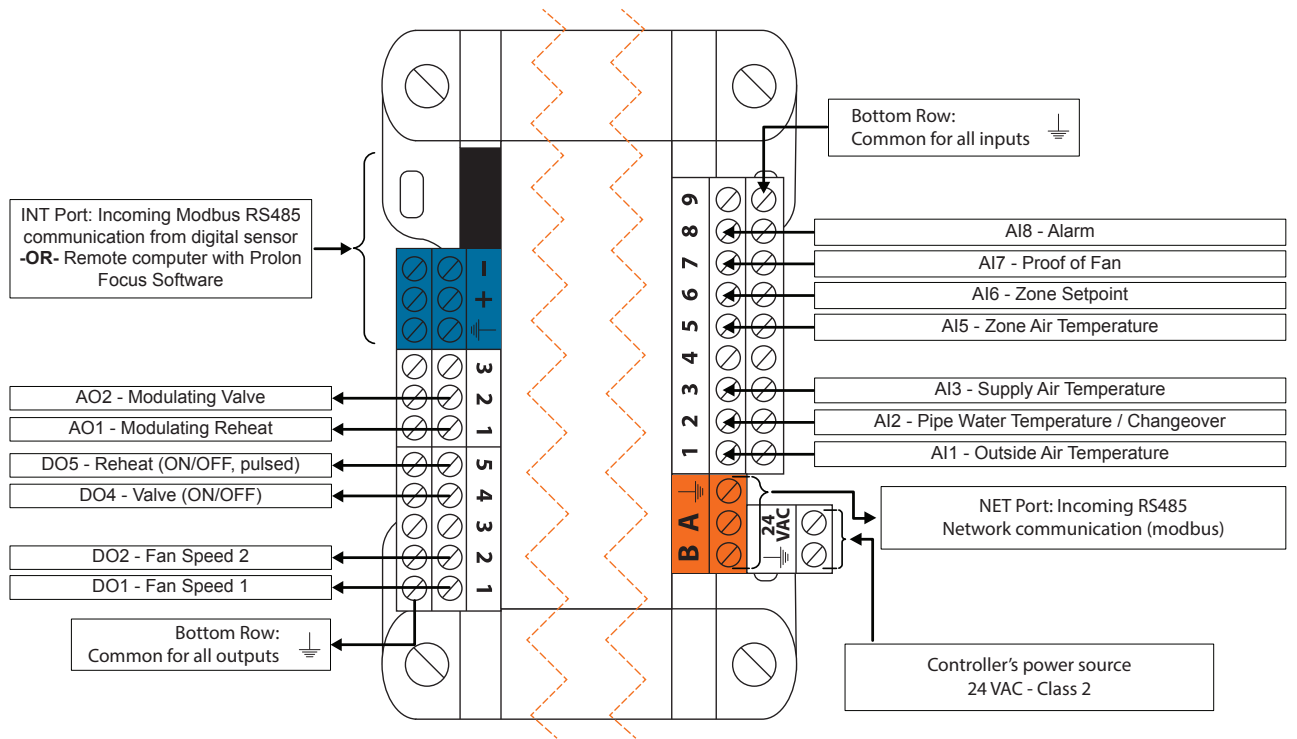


PL-C1050-CHL (Chiller Controller)



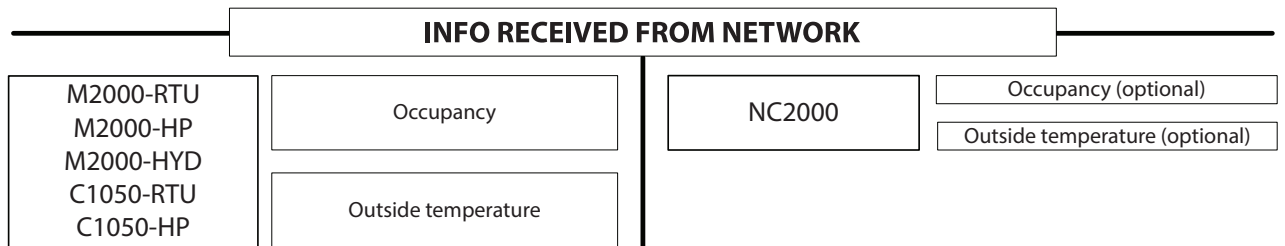
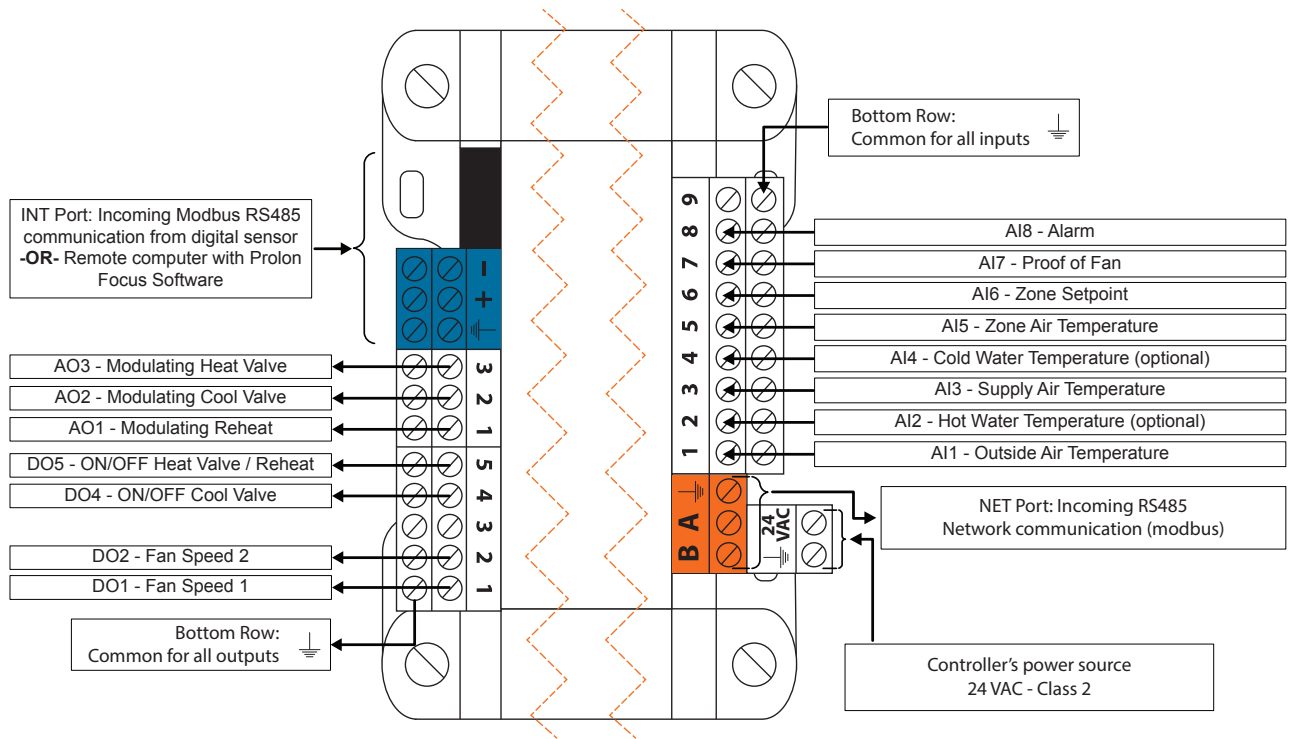


PL-M2000-FCU (Fan Coil Unit Controller with two-pipe system)



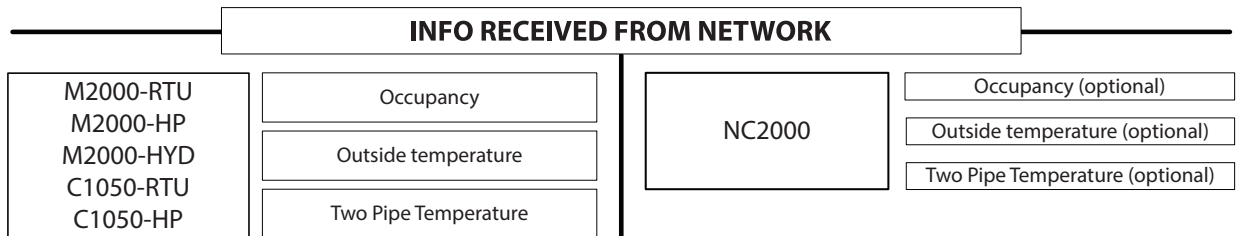
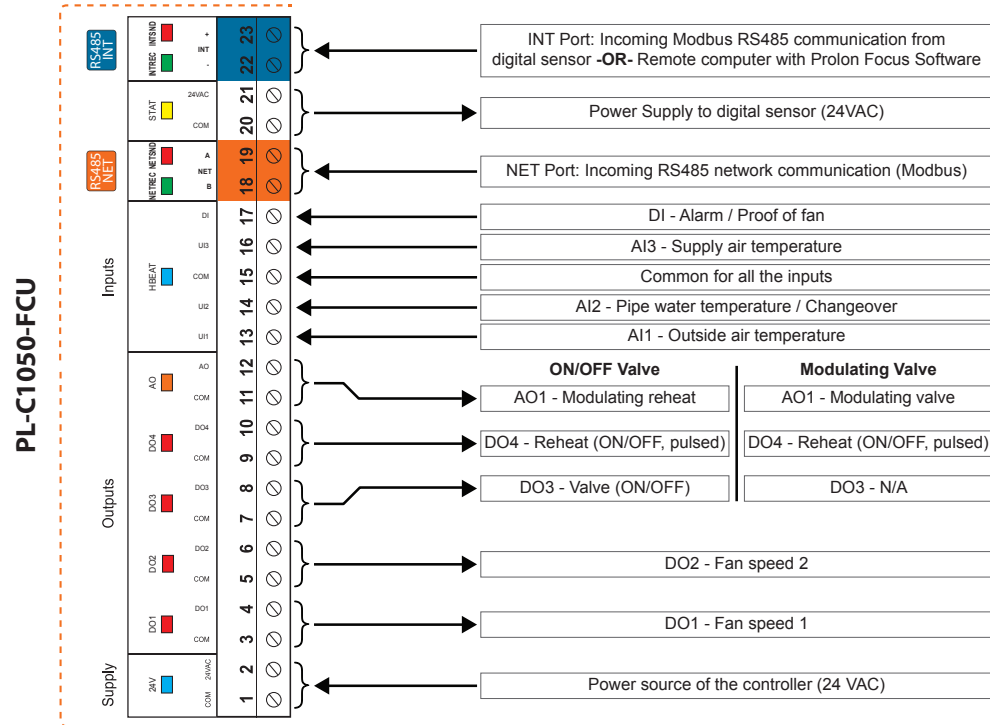


PL-M2000-FCU (Fan Coil Unit Controller with four pipe system)



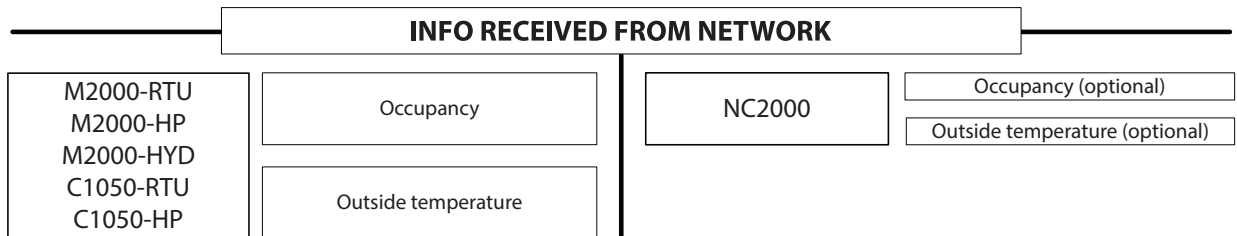
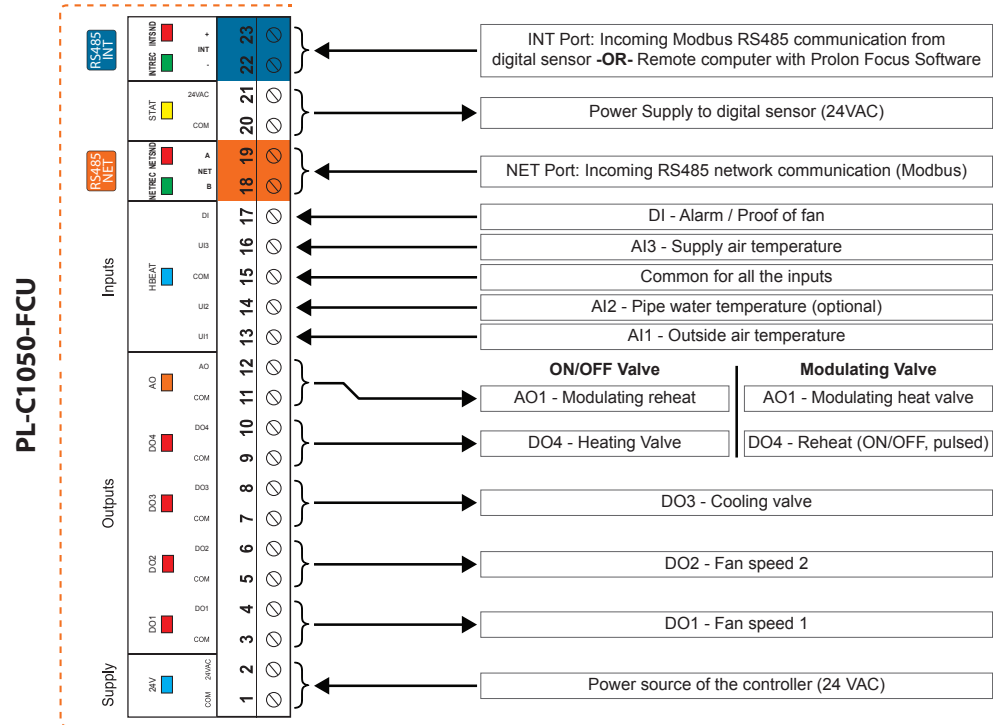


PL-C1050-FCU (Fan Coil Unit Controller with two-pipe system)





PL-C1050-FCU (Fan Coil Unit Controller with four pipe system)



REV. 7.5.0

PL-HRDW-I/O-EN

© Copyright 2022 Prolon. All rights reserved.

No part of this document may be photocopied or reproduced by any means, or translated to another language without prior written consent of Prolon. All specifications are nominal and may change as design improvements are introduced. Prolon shall not be liable for damages resulting from misapplication or misuse of its products. All trademarks are the property of their respective owners.