



**REV. 5.5.0**

***IO AND DATA  
SHARING GUIDE***

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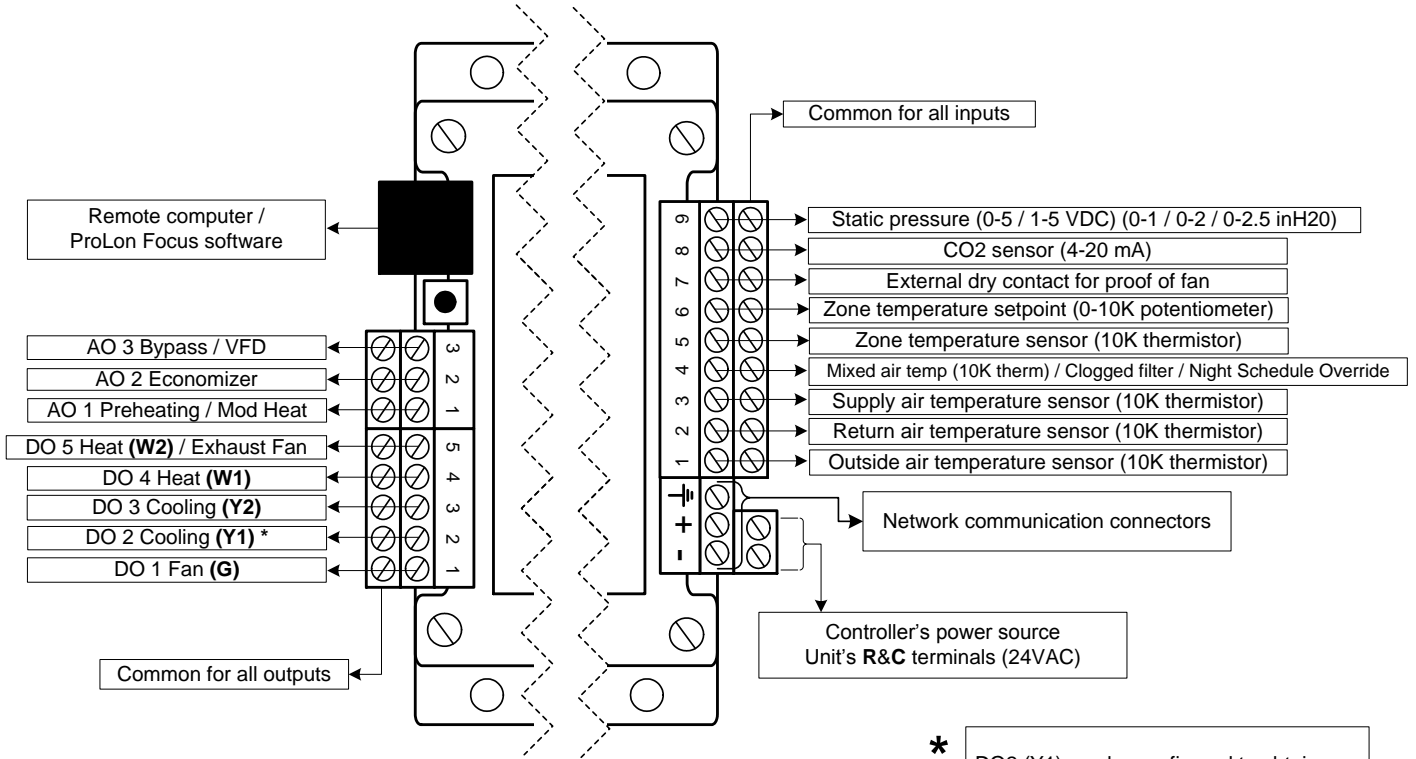
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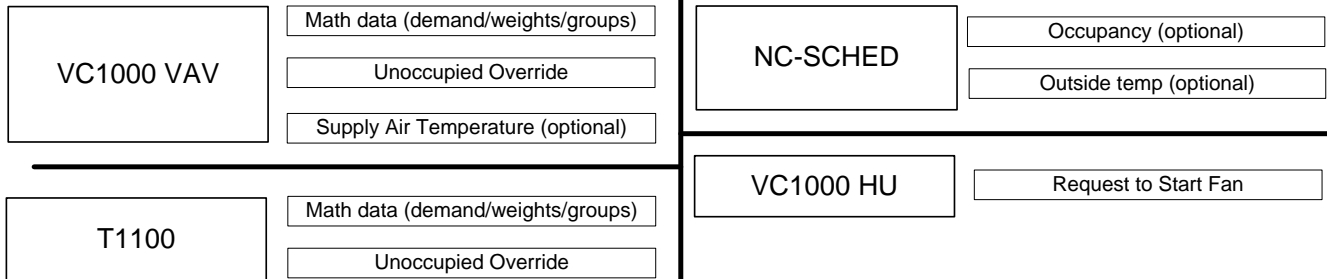
### Rooftop

### M1000 RTU

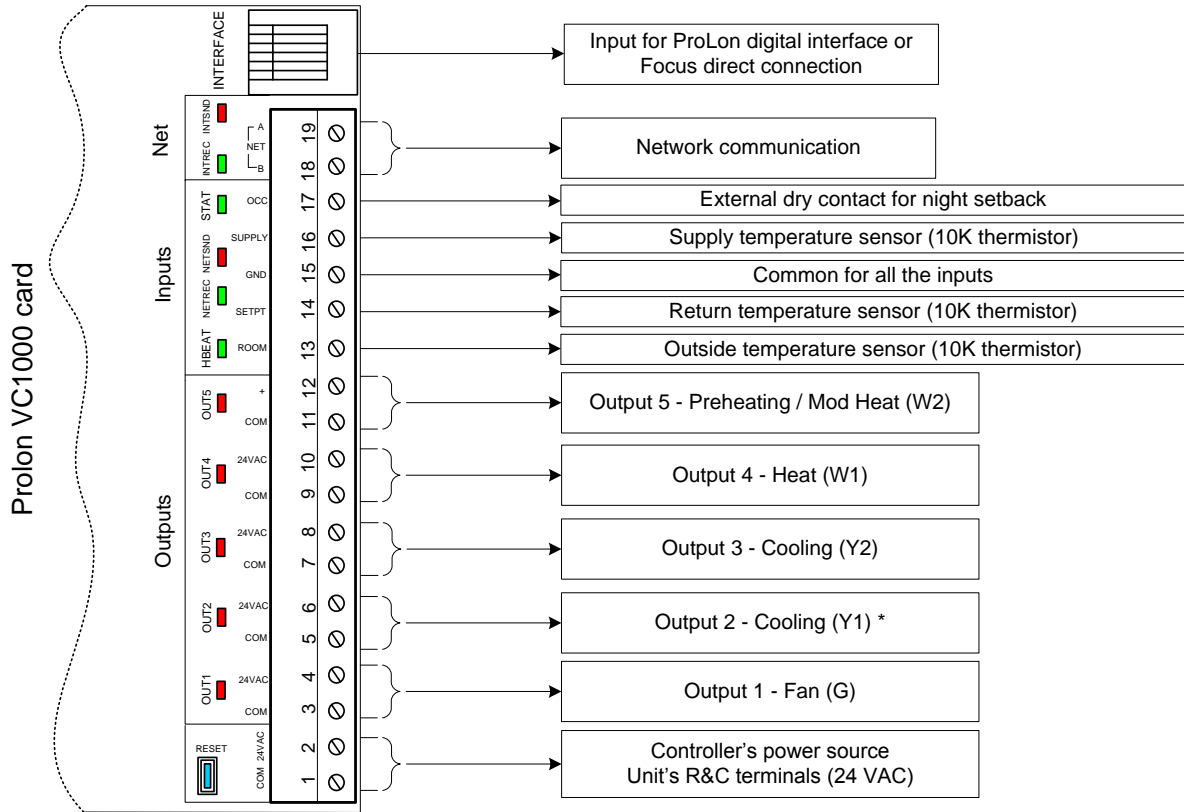


\* DO2 (Y1) can be configured to obtain:  
 --> 4 ON/OFF stages (DMUX-4J)  
 --> Analog cooling (PTA2 v1)

#### INFO RECEIVED FROM NETWORK

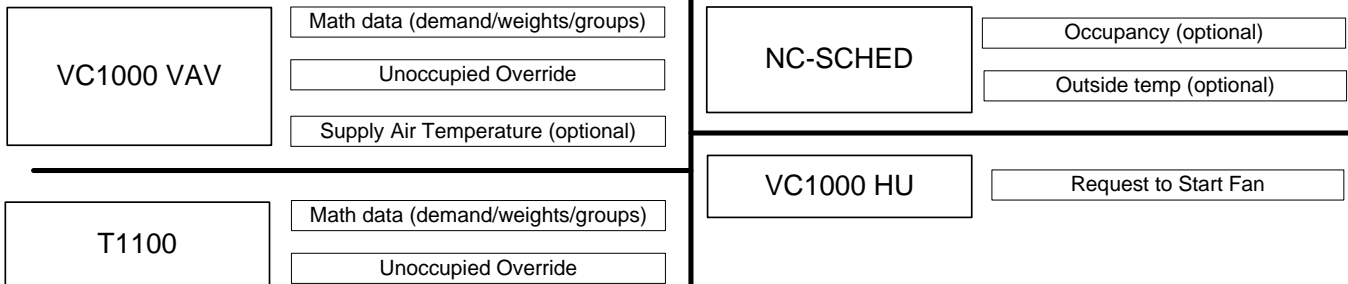


### VC1000 RTU



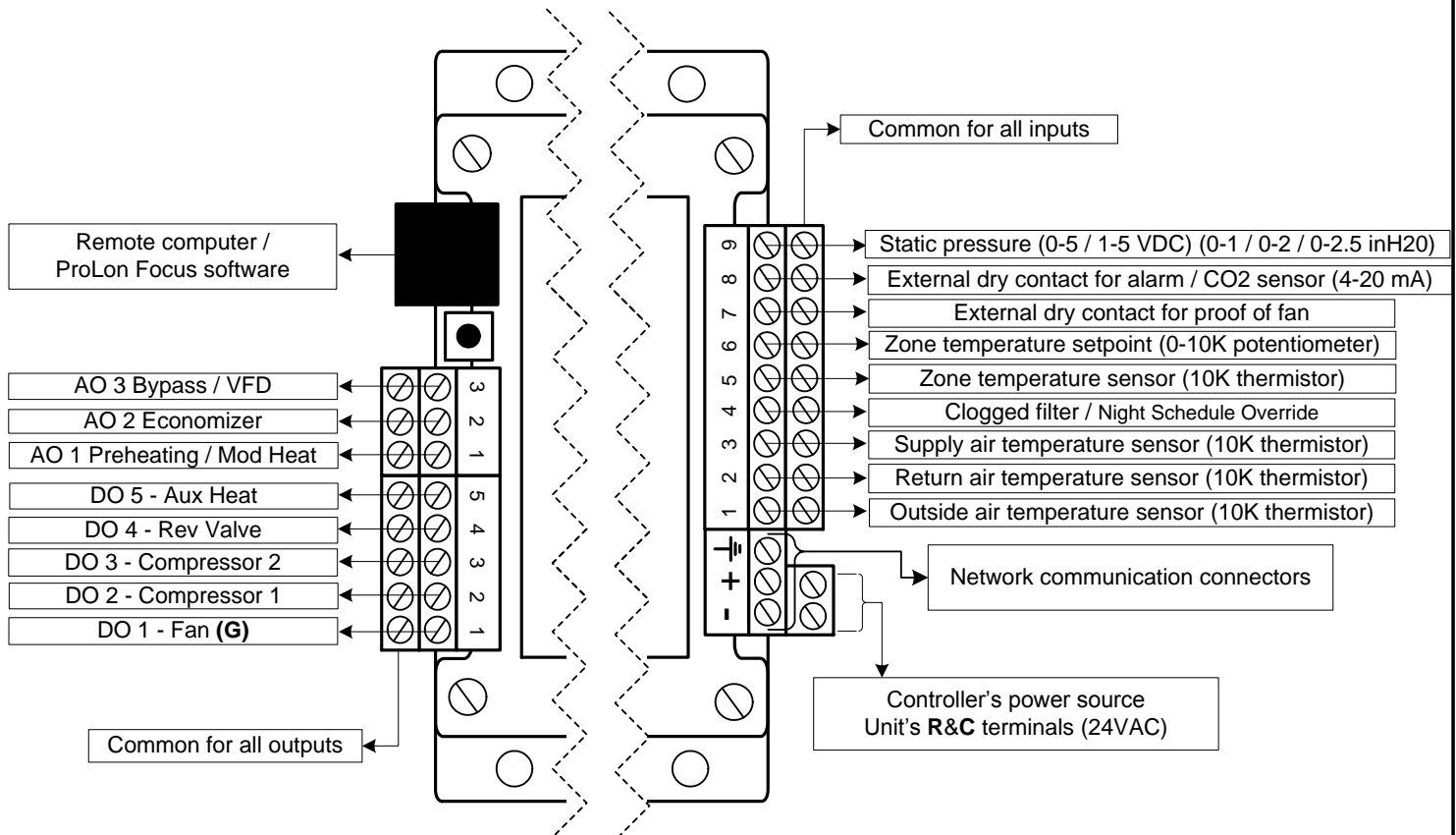
\* Output 2 (Y1) can be configured to obtain:  
 --> 4 ON/OFF stages (DMUX-4J)  
 --> Analog cooling (PTA2 v1)

#### INFO RECEIVED FROM NETWORK



### Heatpump Air to Air

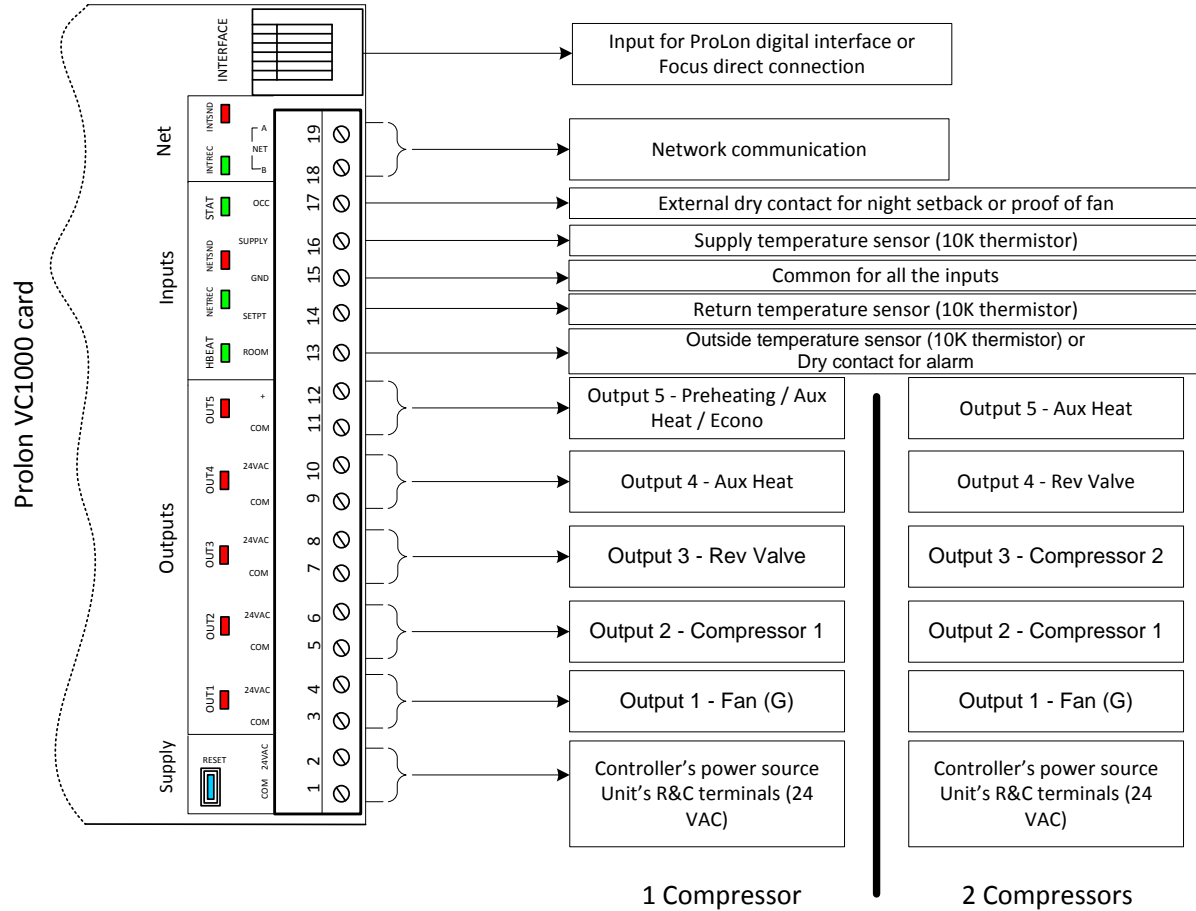
#### M1000 HPATA



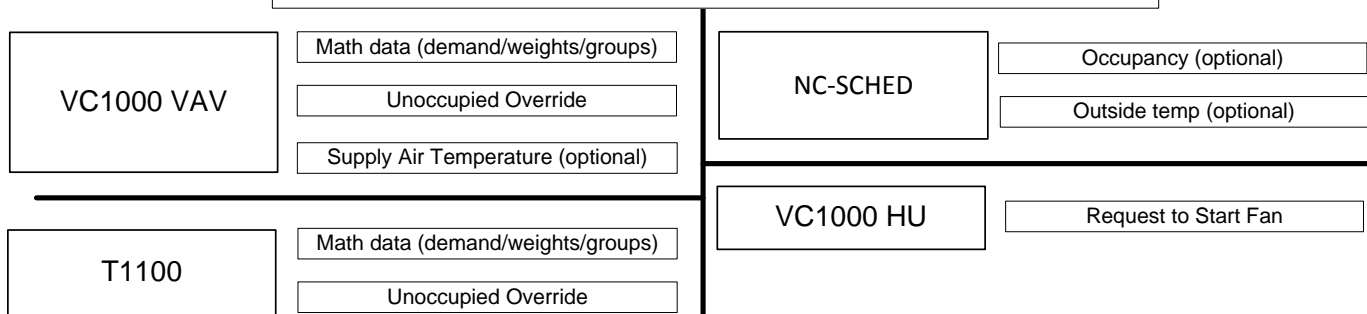
#### INFO RECEIVED FROM NETWORK

VC1000 VAV	Math data (demand/weights/groups)	NC-SCHED	Occupancy (optional)
	Unoccupied Override		Outside temp (optional)
	Supply Air Temperature (optional)		
T1100	Math data (demand/weights/groups)	VC1000 HU	Request to Start Fan
	Unoccupied Override		

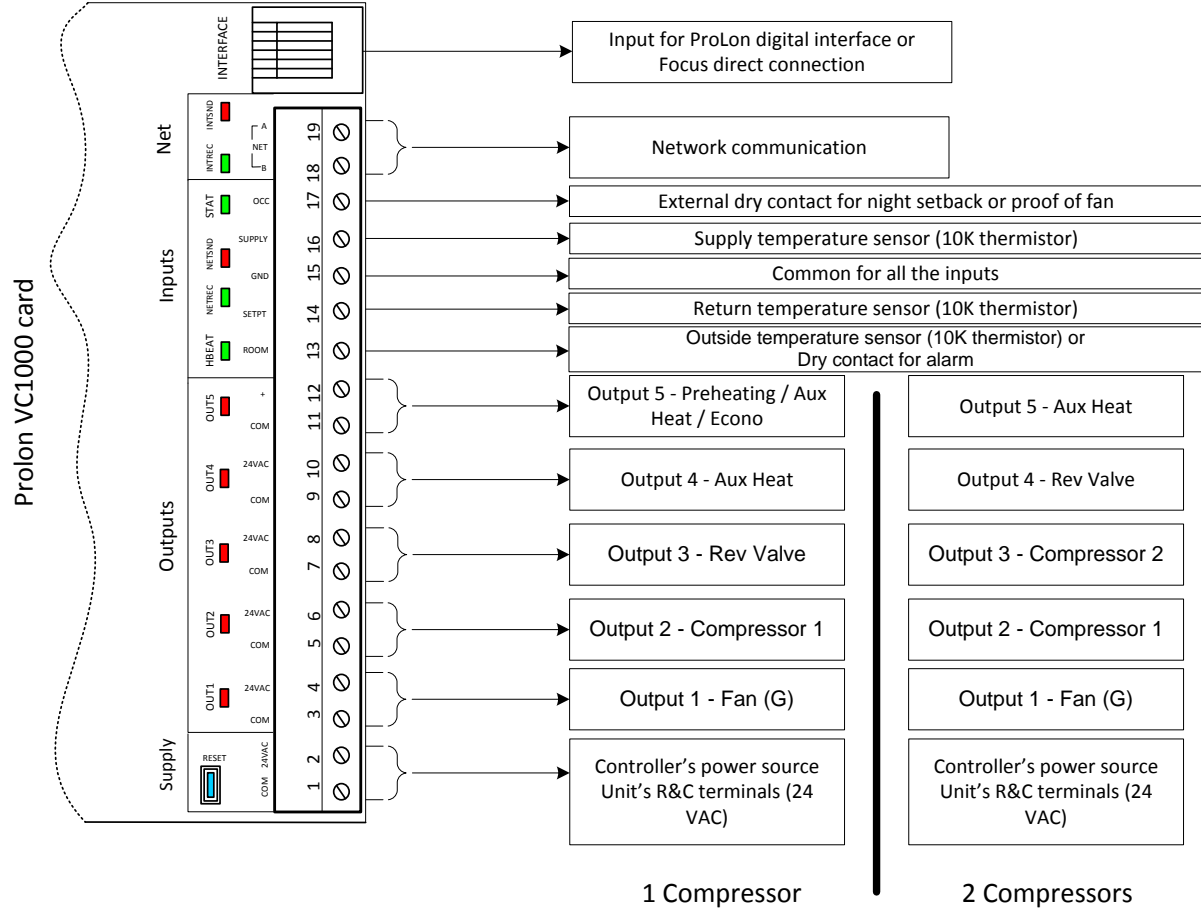
### VC1000 HPATA



#### INFO RECEIVED FROM NETWORK

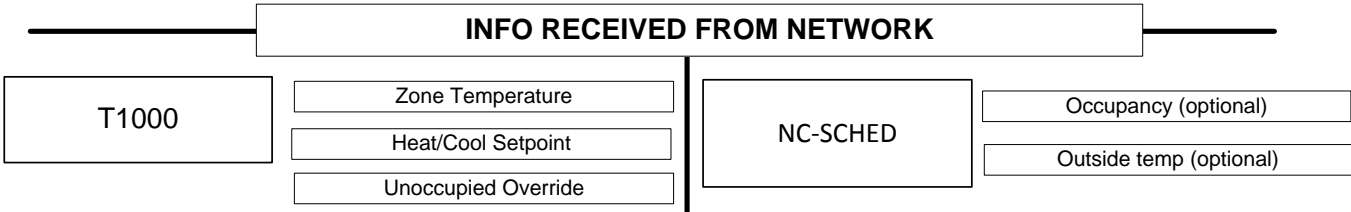


### VC1000 HPATA (Standalone)



1 Compressor

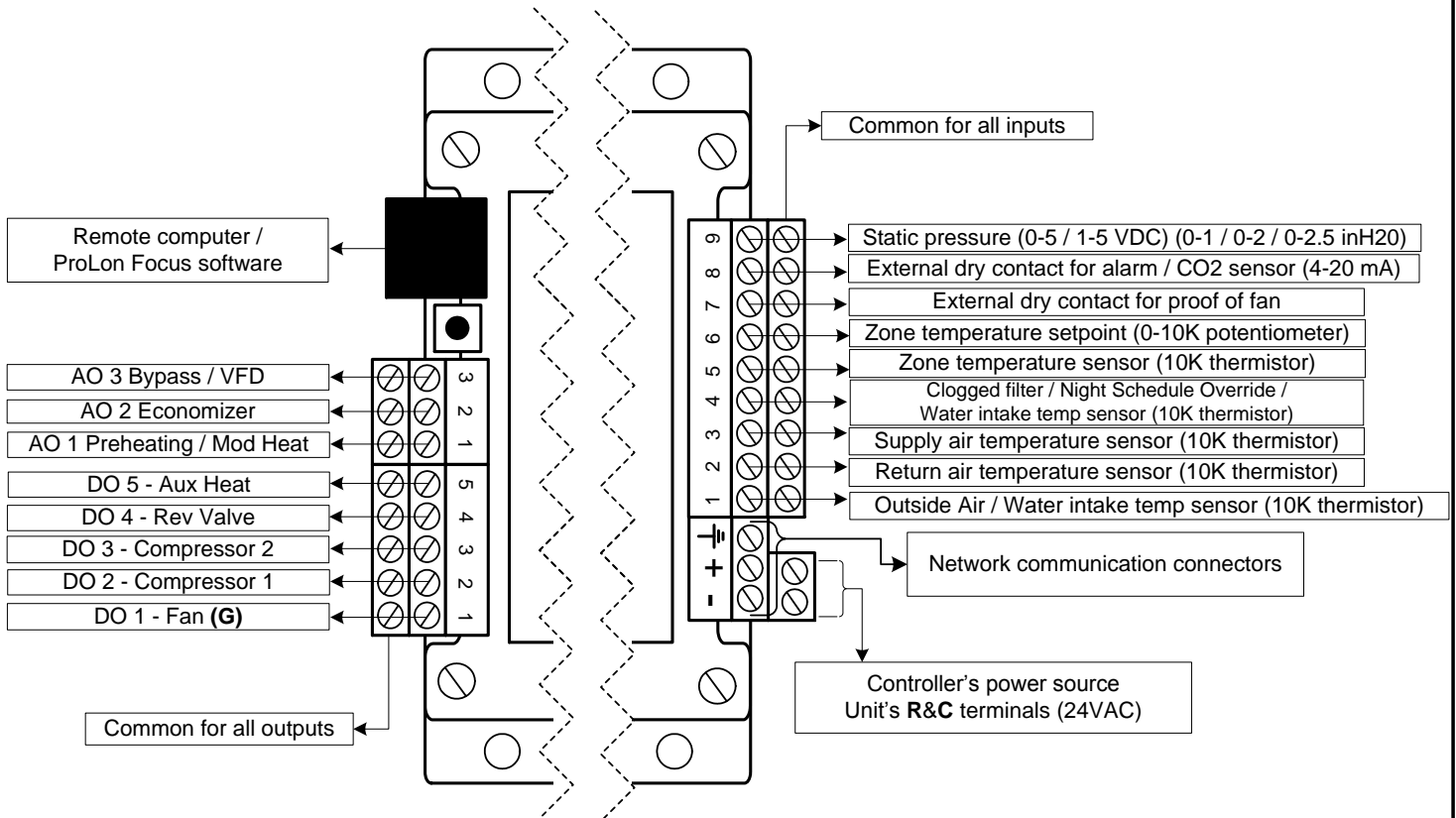
2 Compressors



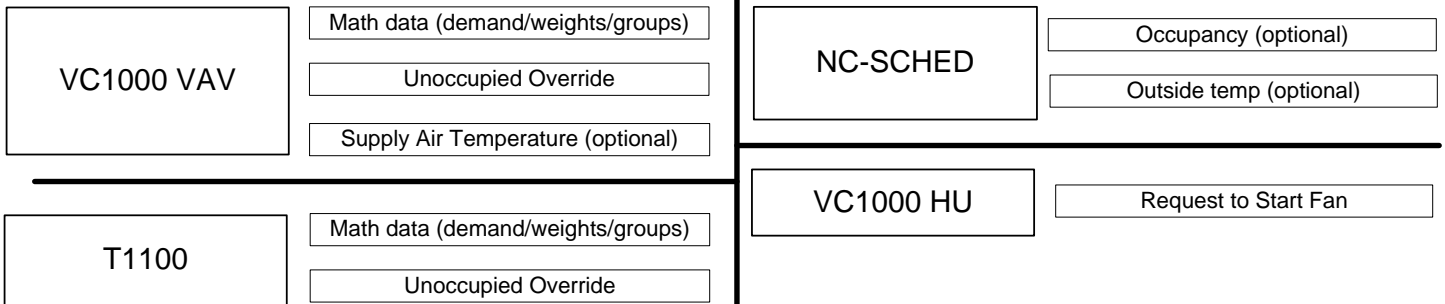


### Heatpump Water to Air

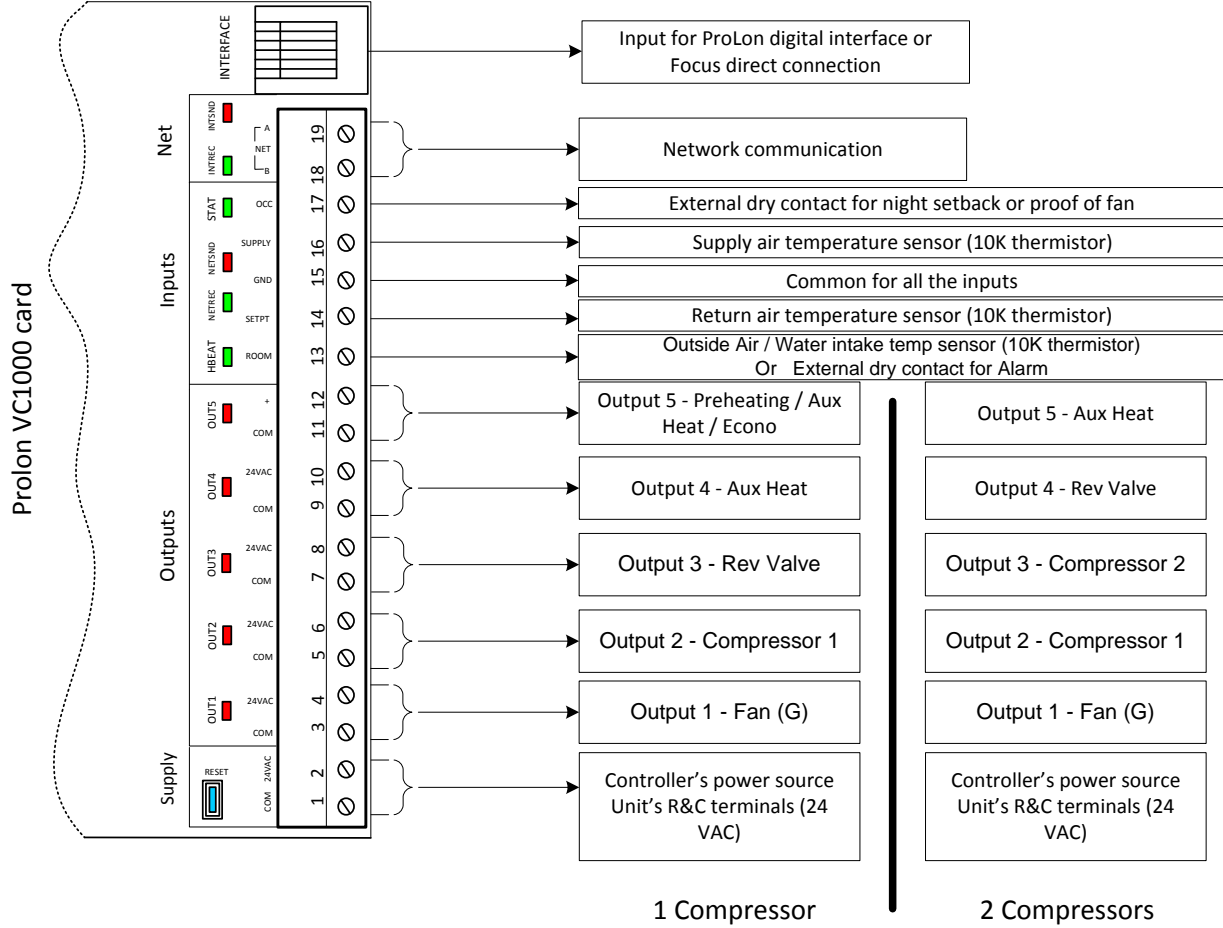
#### M1000 HPWTA



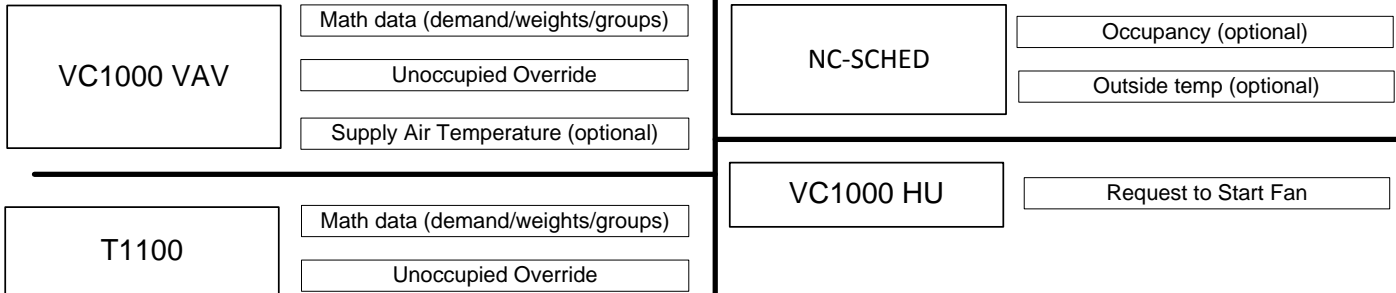
#### INFO RECEIVED FROM NETWORK



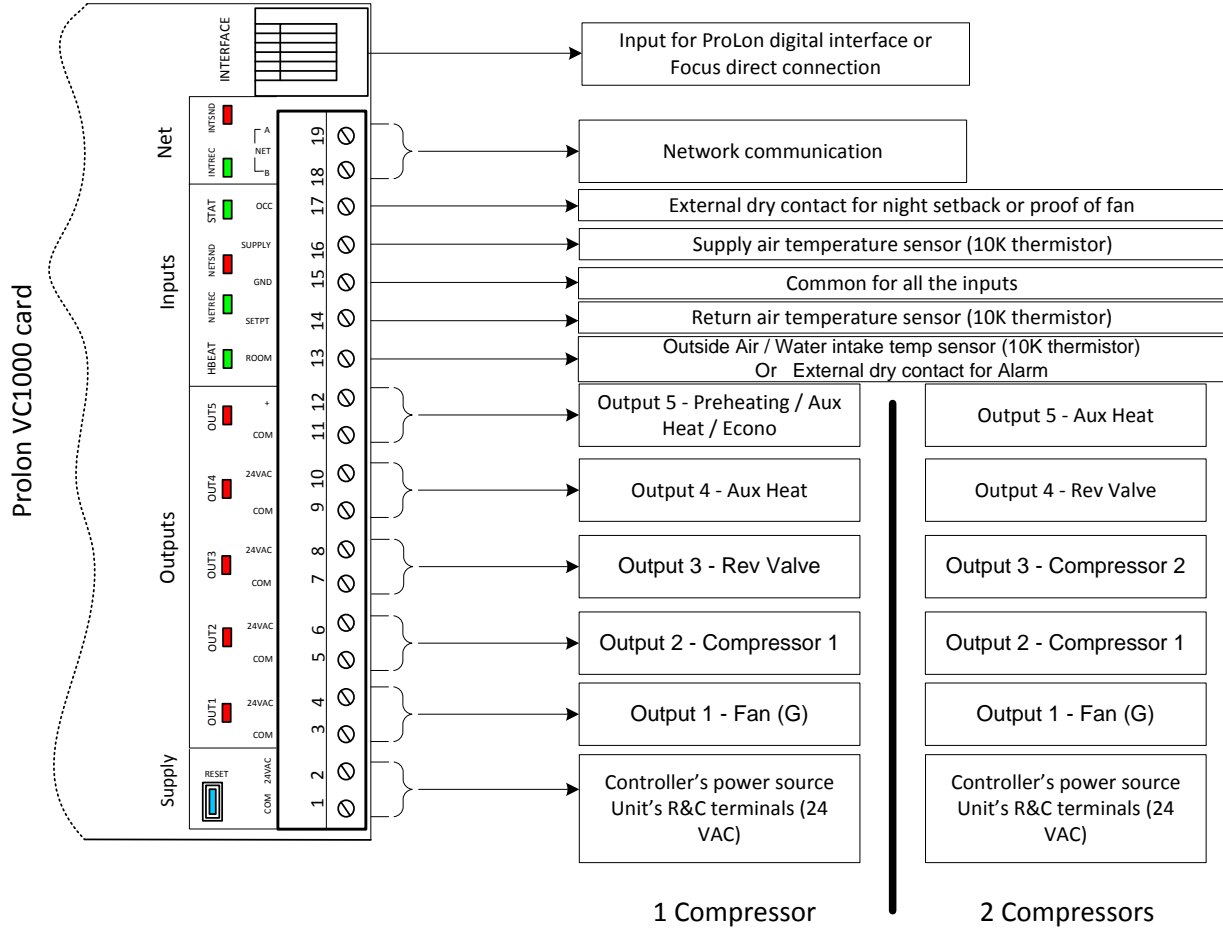
### VC1000 HPWTA



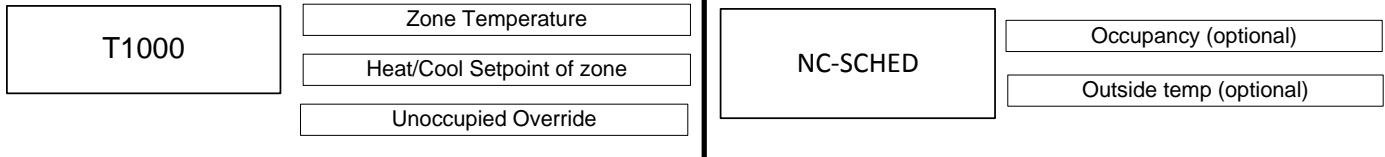
#### INFO RECEIVED FROM NETWORK



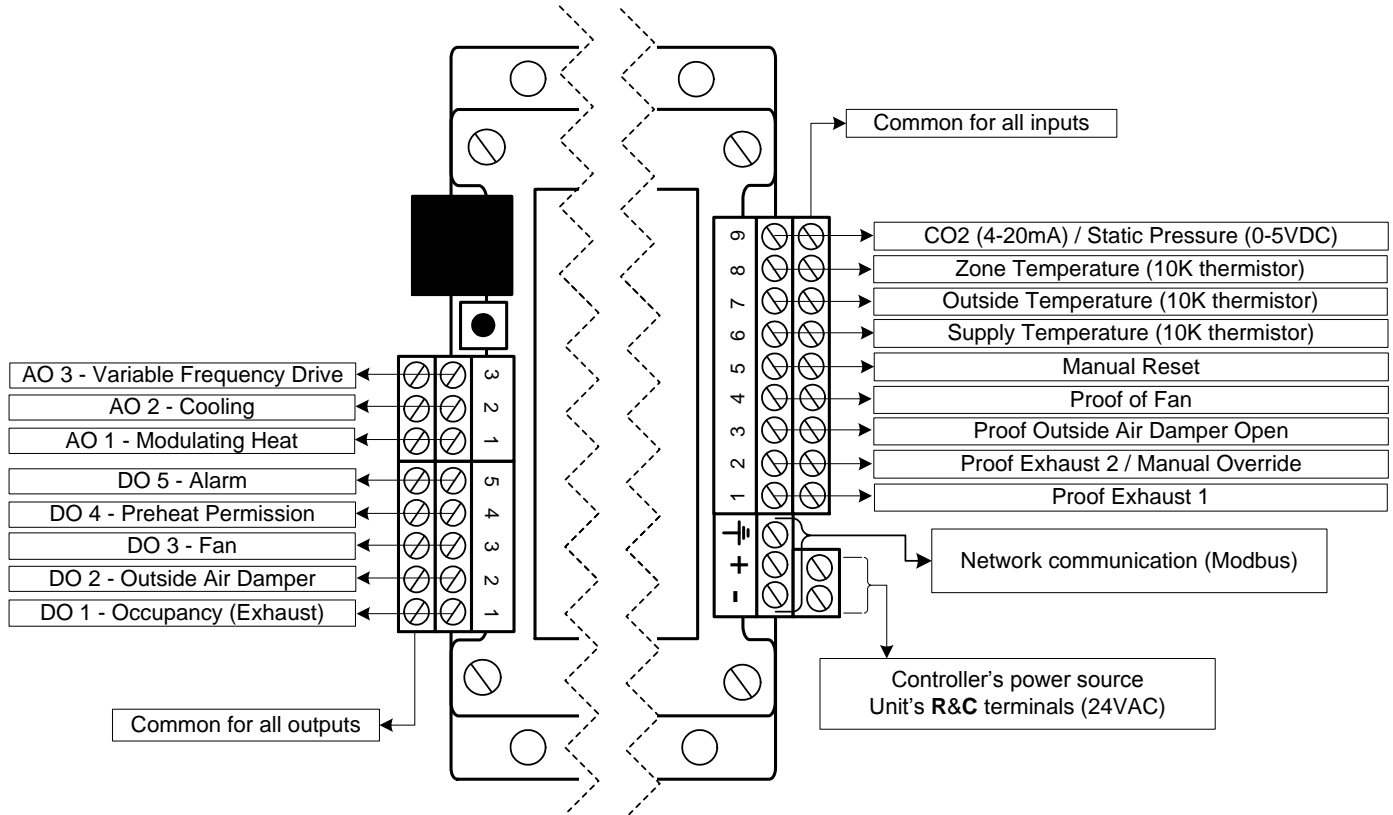
### VC1000 HPWTA (Standalone)



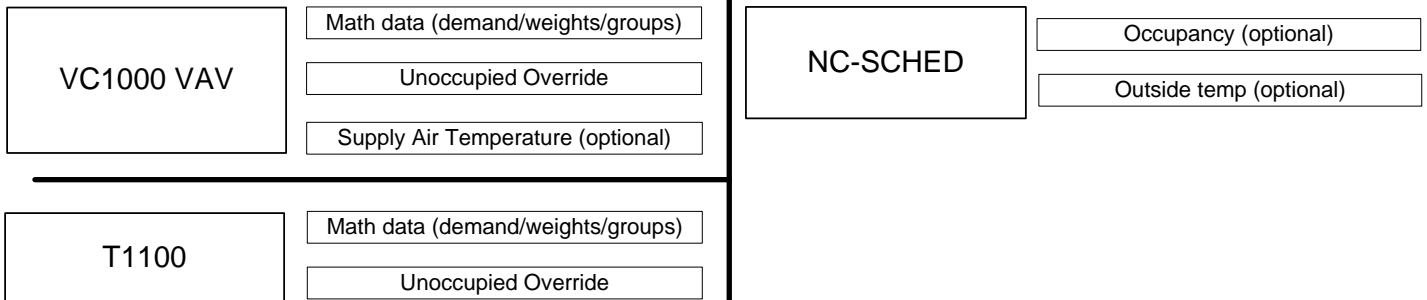
#### INFO RECEIVED FROM NETWORK



### Air Make Up

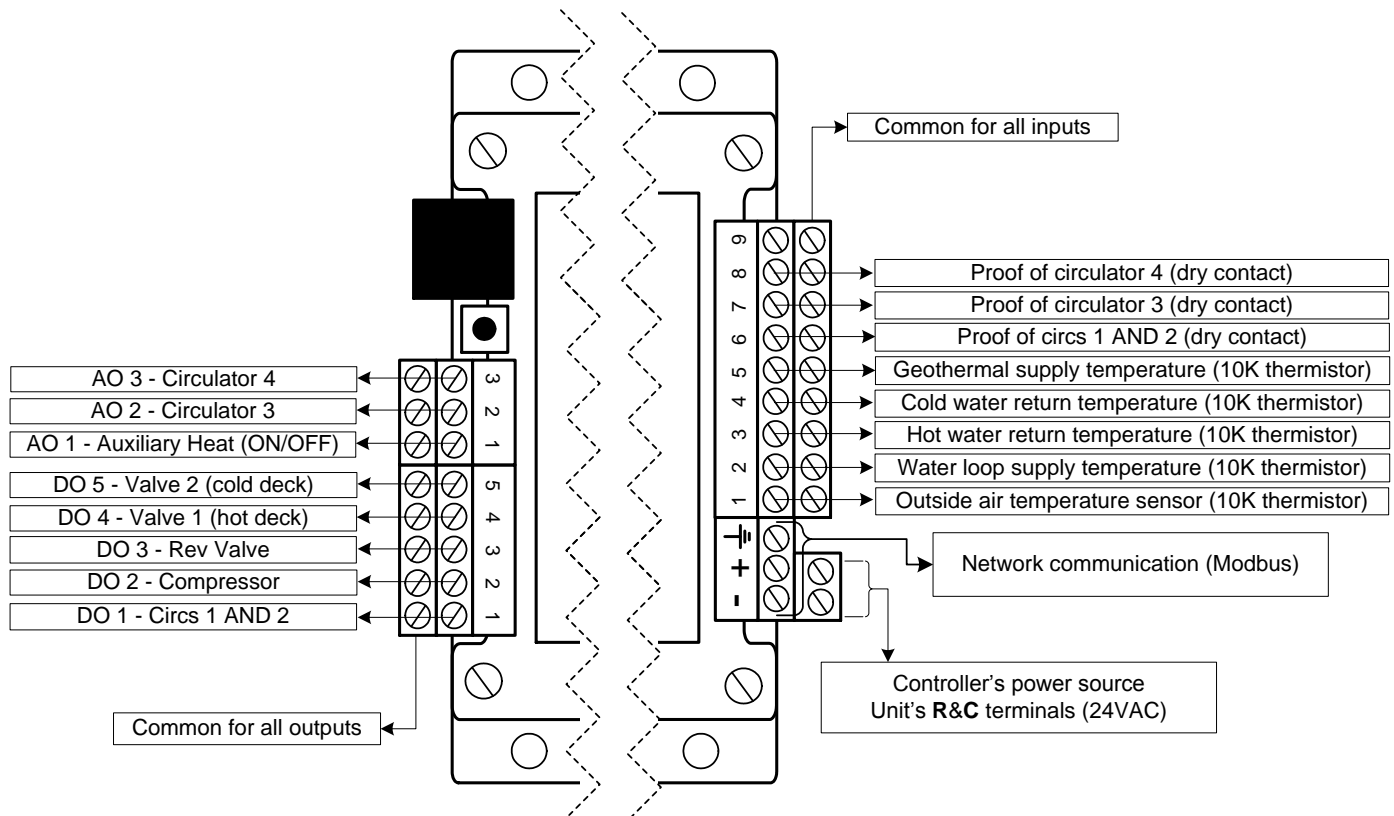


#### INFO RECEIVED FROM NETWORK

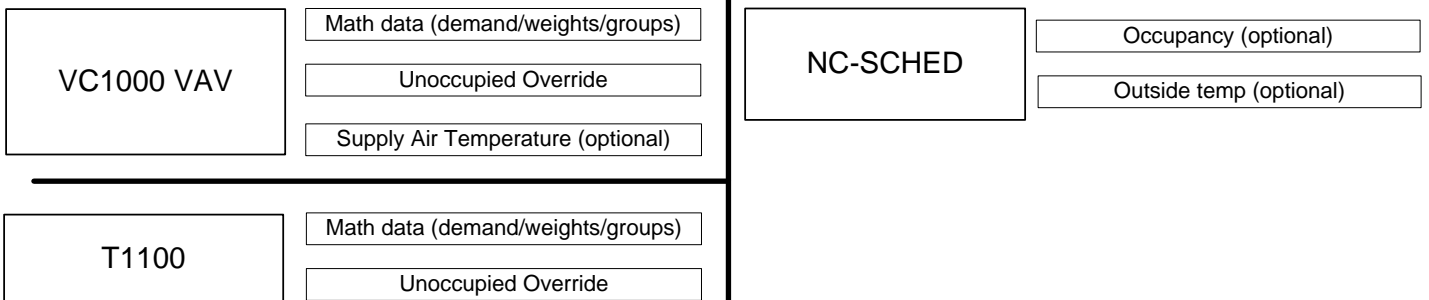


# Hydronics Controller

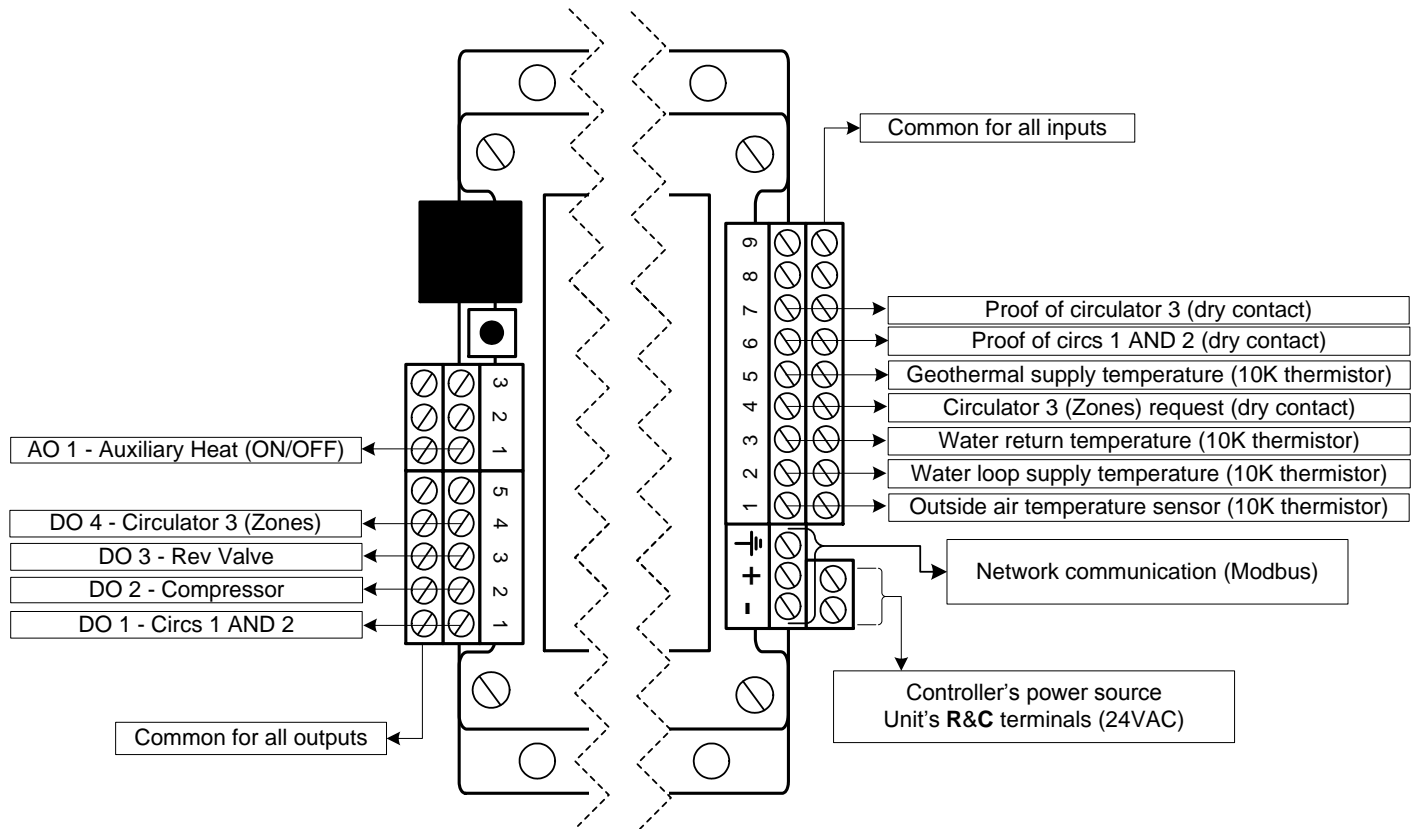
## Hot & Cold Deck Sequence



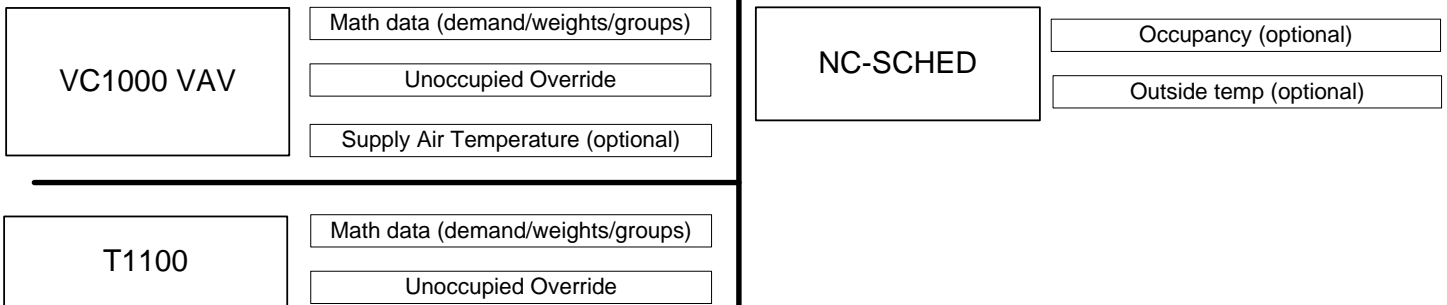
### INFO RECEIVED FROM NETWORK



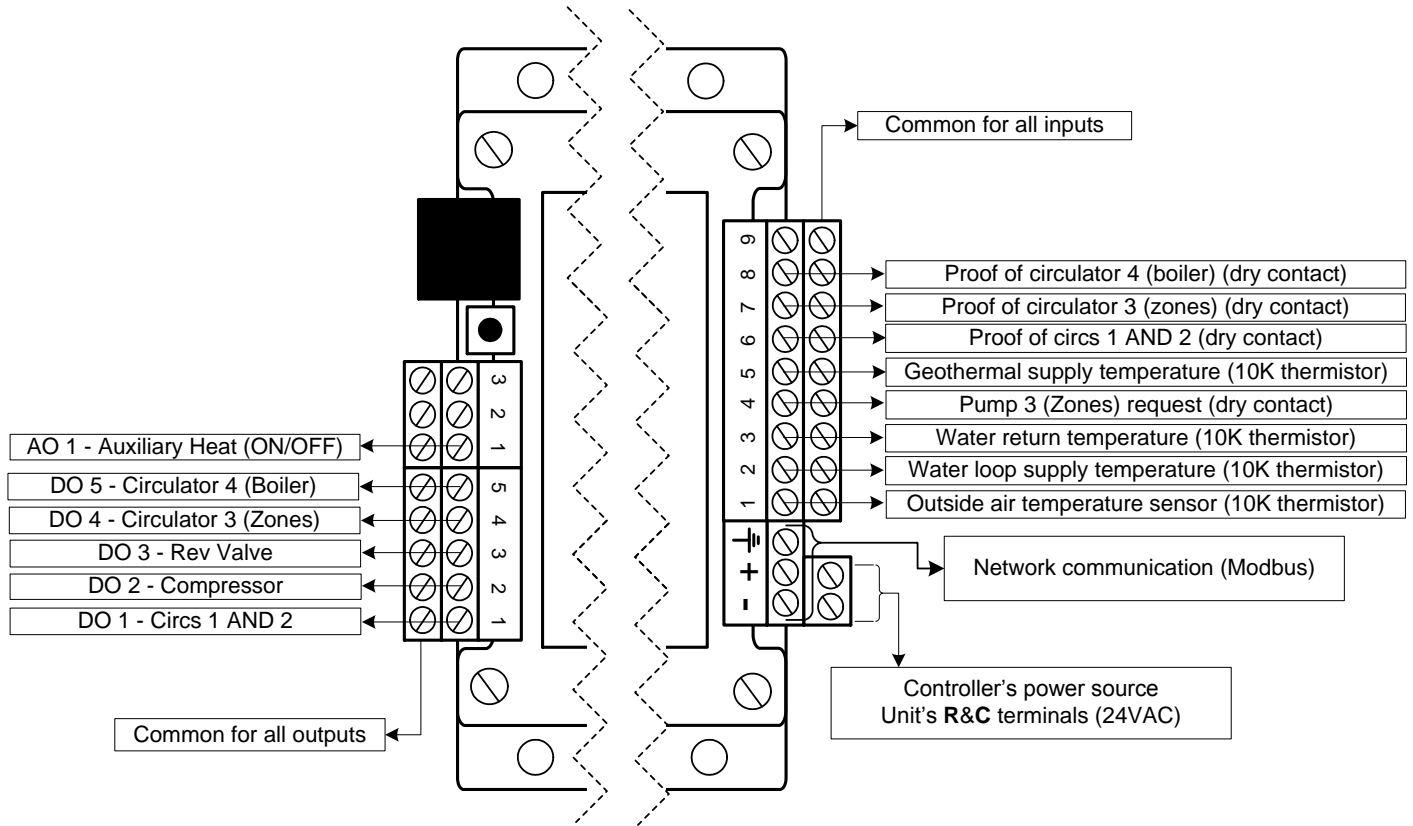
### Simple Hot Water Tank with Open Boiler Loop



#### INFO RECEIVED FROM NETWORK



### Simple Hot Water Tank with Closed Boiler Loop



#### INFO RECEIVED FROM NETWORK

**VC1000 VAV**

- Math data (demand/weights/groups)
- Unoccupied Override
- Supply Air Temperature (optional)

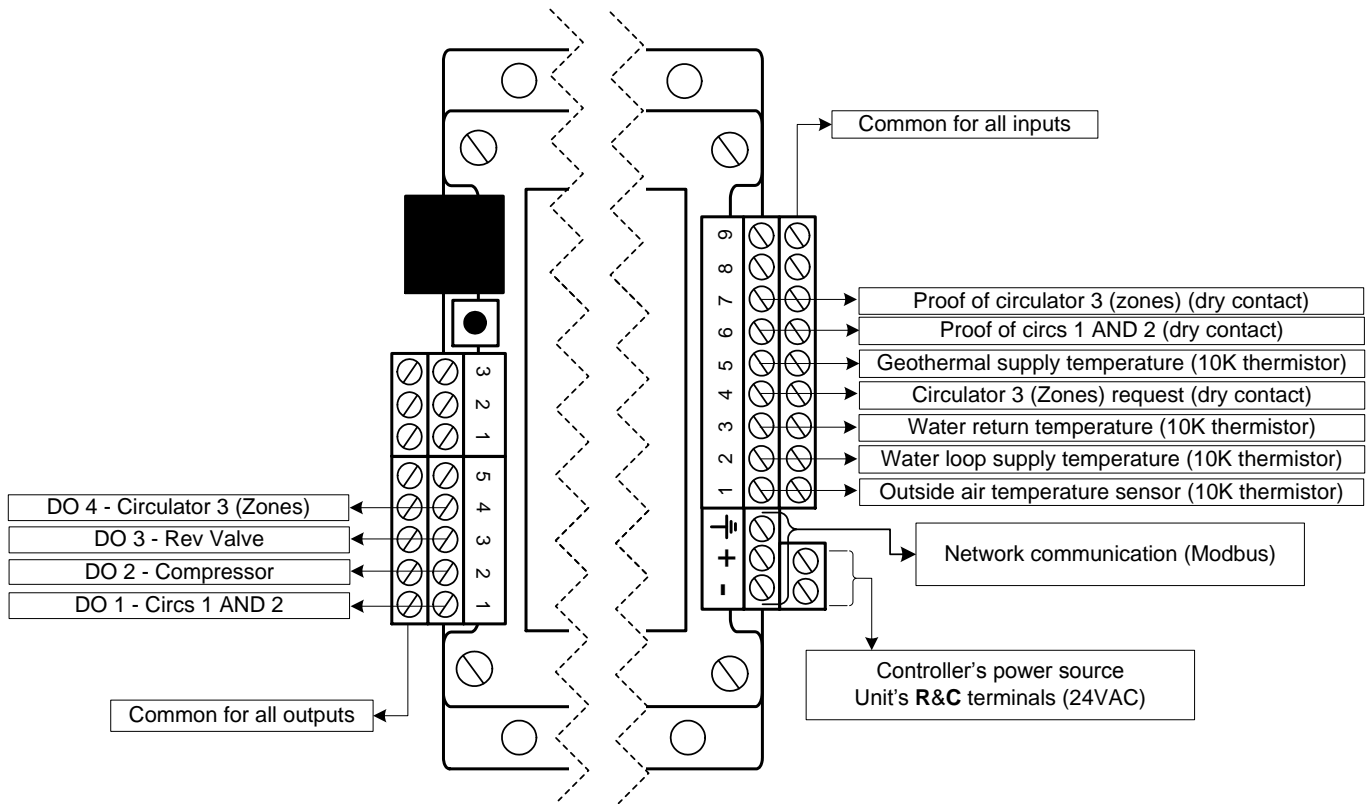
**NC-SCHED**

- Occupancy (optional)
- Outside temp (optional)

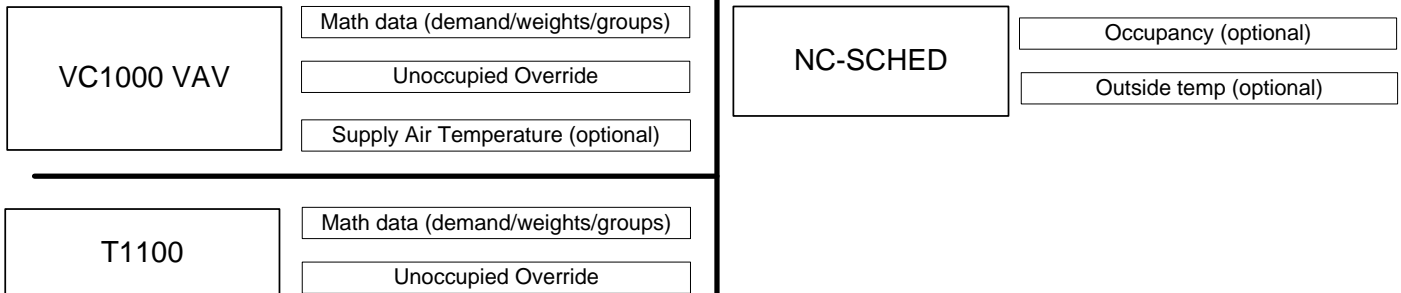
**T1100**

- Math data (demand/weights/groups)
- Unoccupied Override

### Simple Cold Water Tank

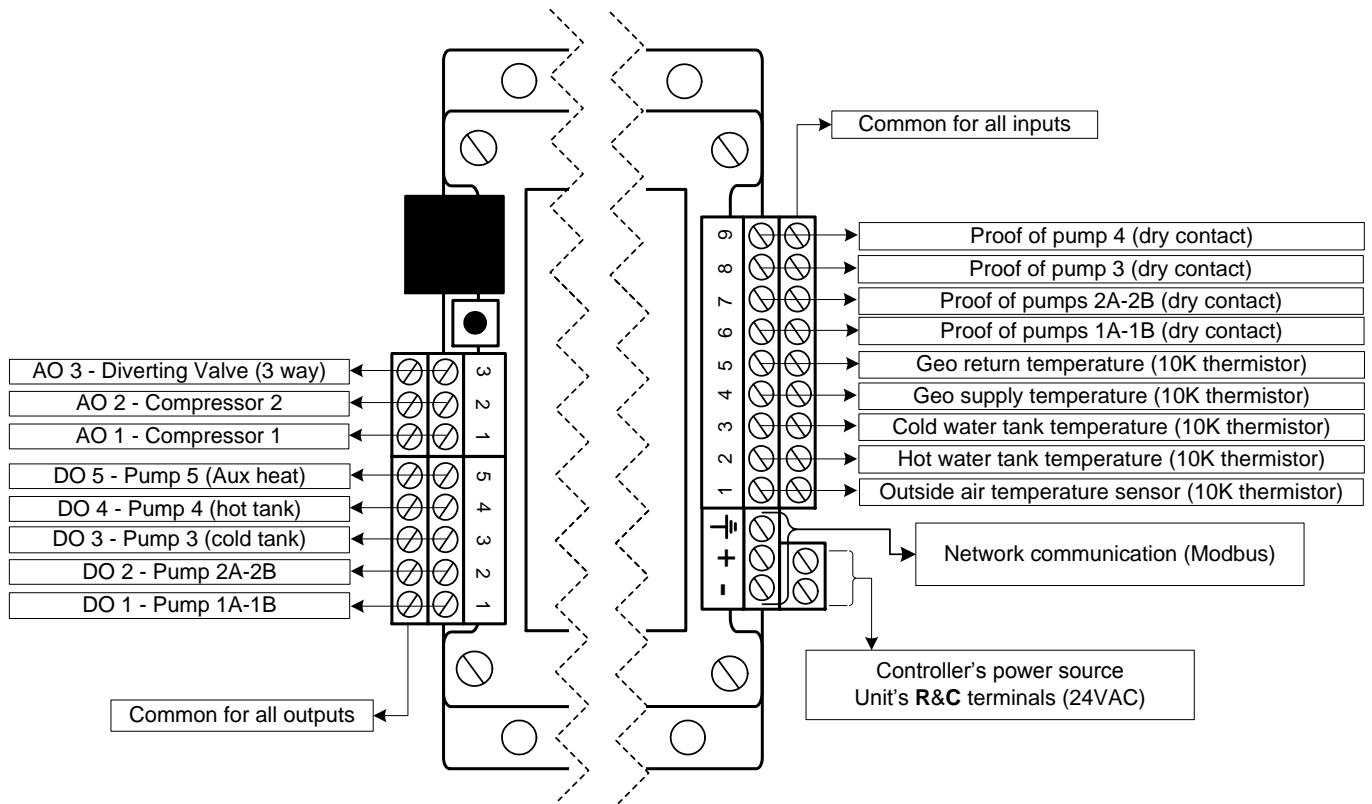


#### INFO RECEIVED FROM NETWORK

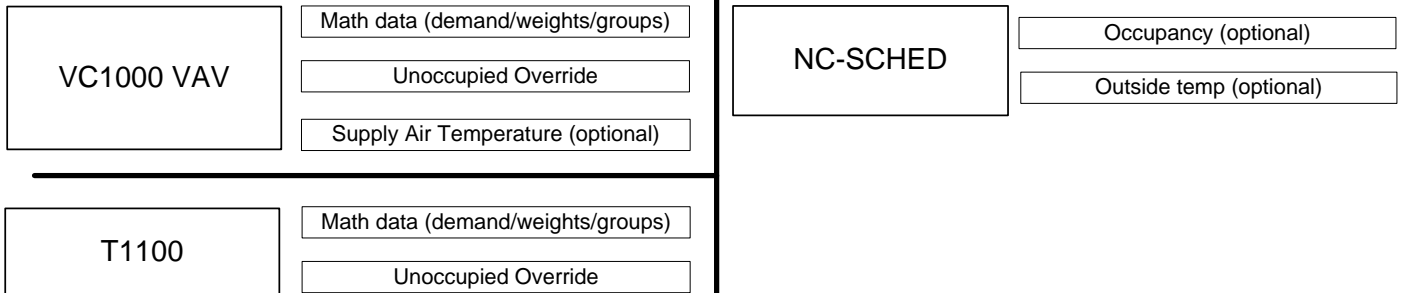




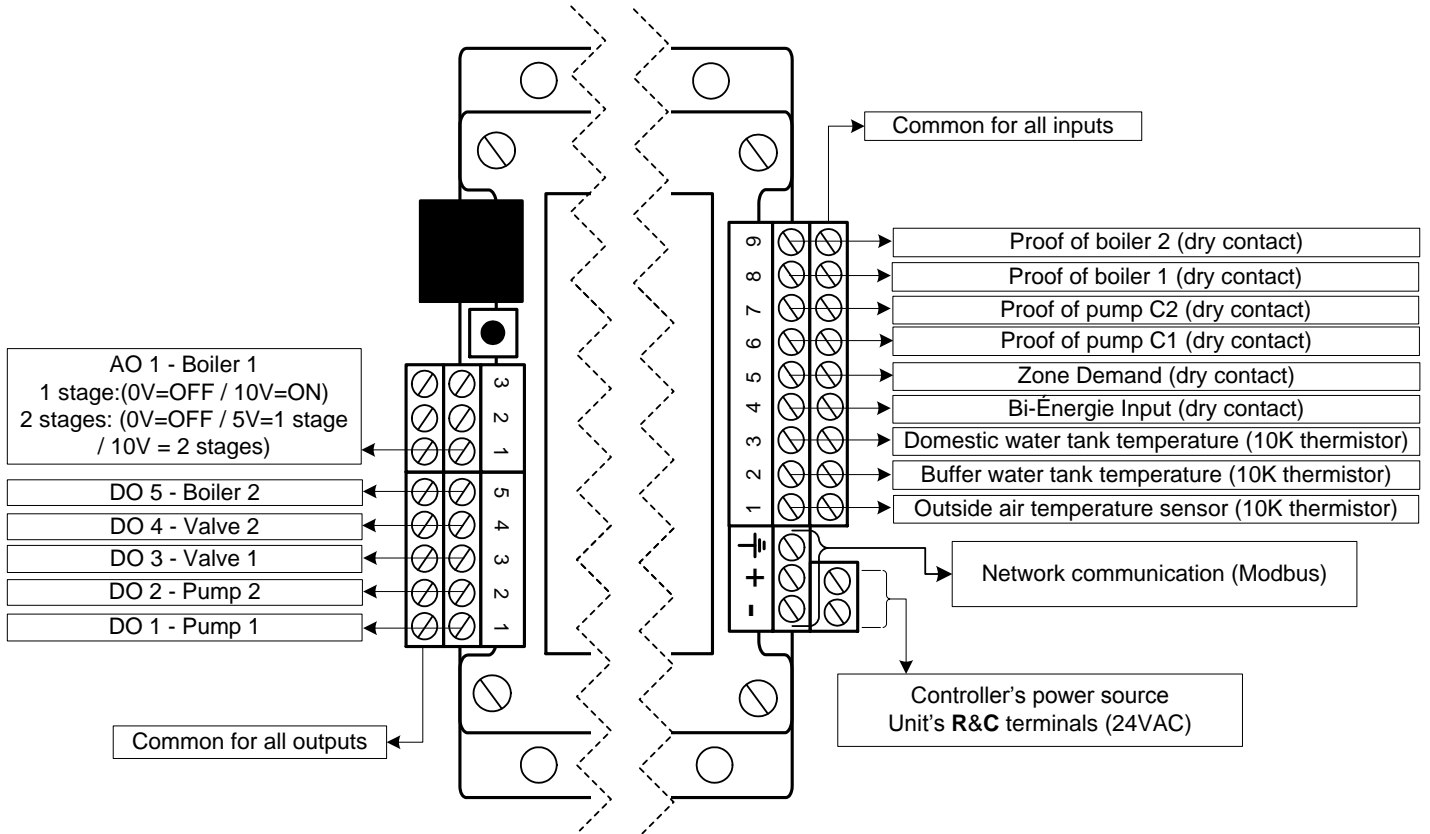
### Dual Recovery



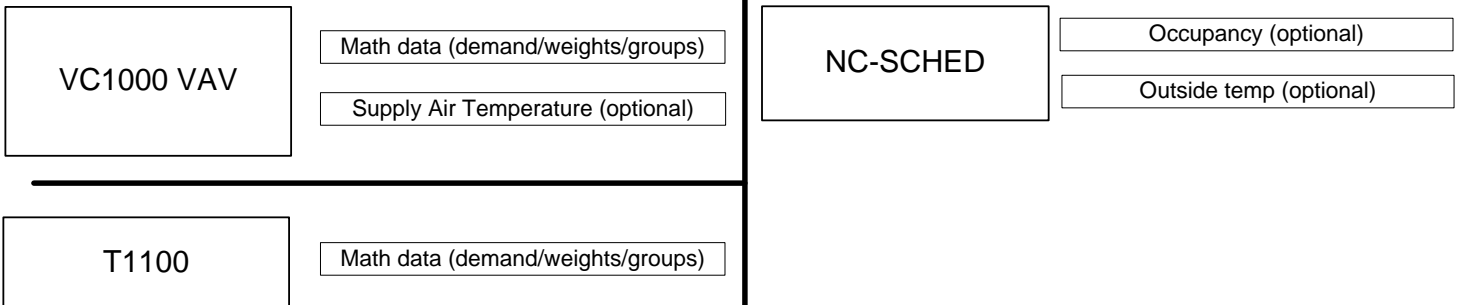
#### INFO RECEIVED FROM NETWORK



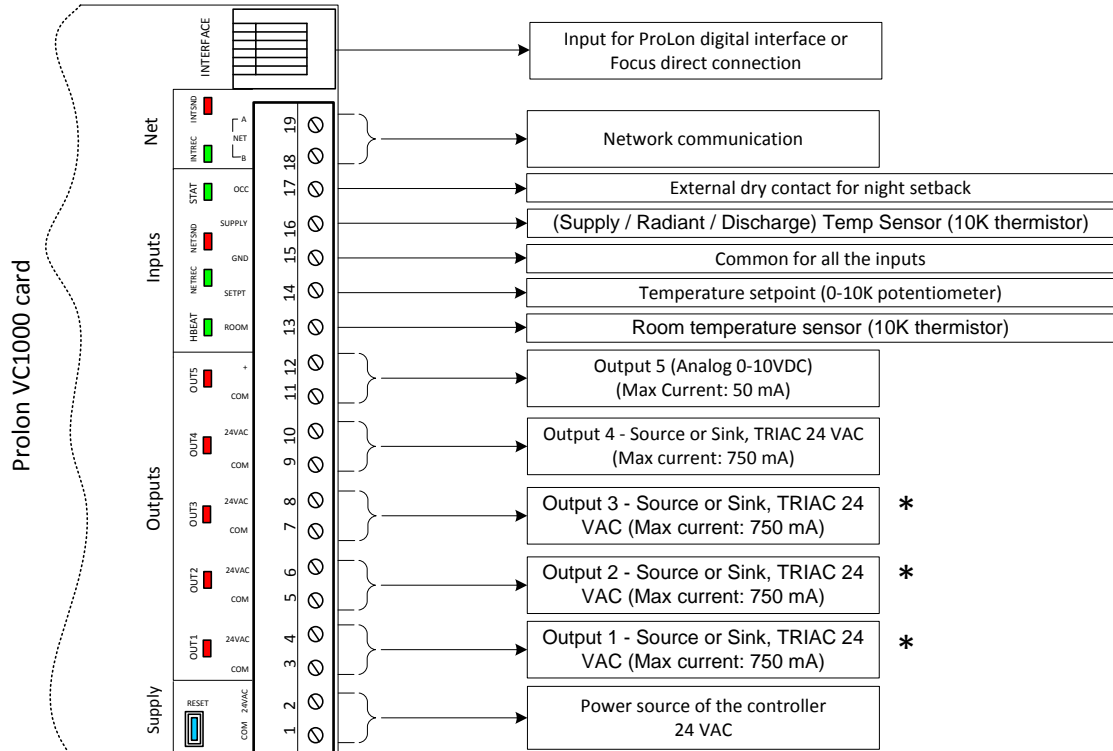
### Dual Energy Boilers



### INFO RECEIVED FROM NETWORK



### VC1000 VAV



\* Full Card Only

#### INFO RECEIVED FROM NETWORK

M1000 RTU  
M1000 HP  
VC1000F RTU  
VC1000F HP

- Supply Air Temperature
- Occupancy
- Math values
- Outside temp
- Outputs 3/4/5 disabled on morning warm up
- Outputs 3/4/5 override based on outside temp (Optional)

M1000 HPWTW

- Supply Air Temperature
- Occupancy
- Math values
- Outside temp
- Outputs 3/4/5 override based on outside temp (Optional)

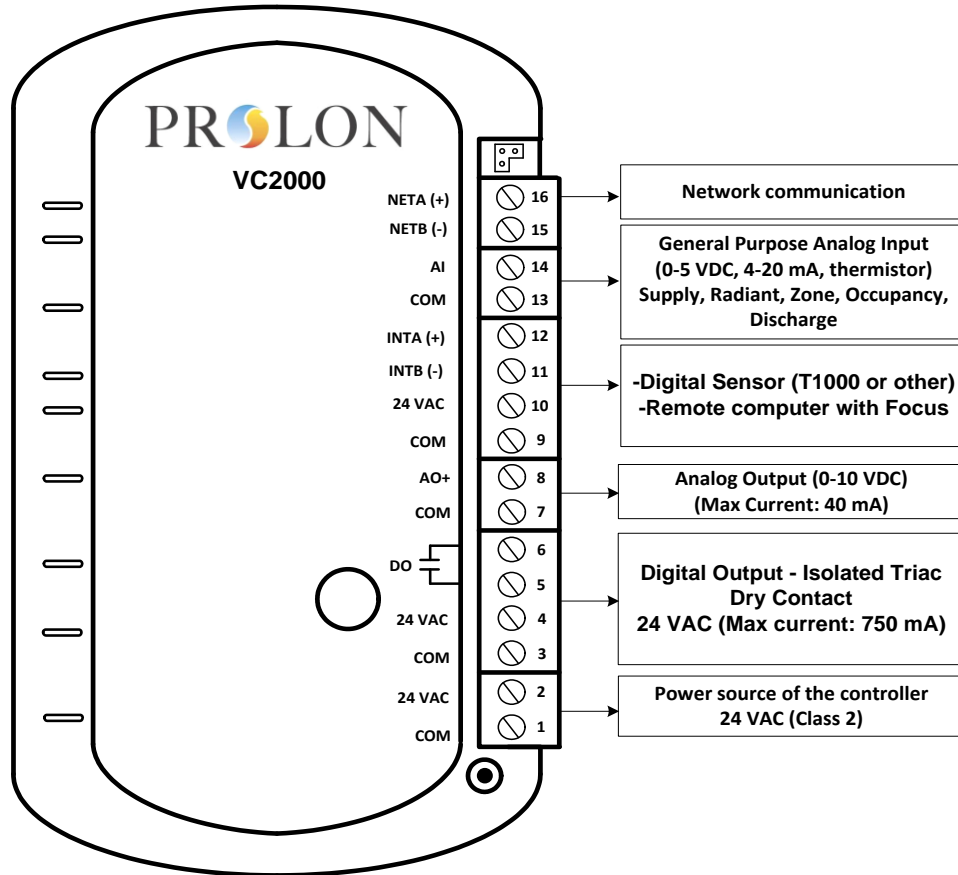
NC-SCHED

- Occupancy (Optional)
- Outside temp (Optional)

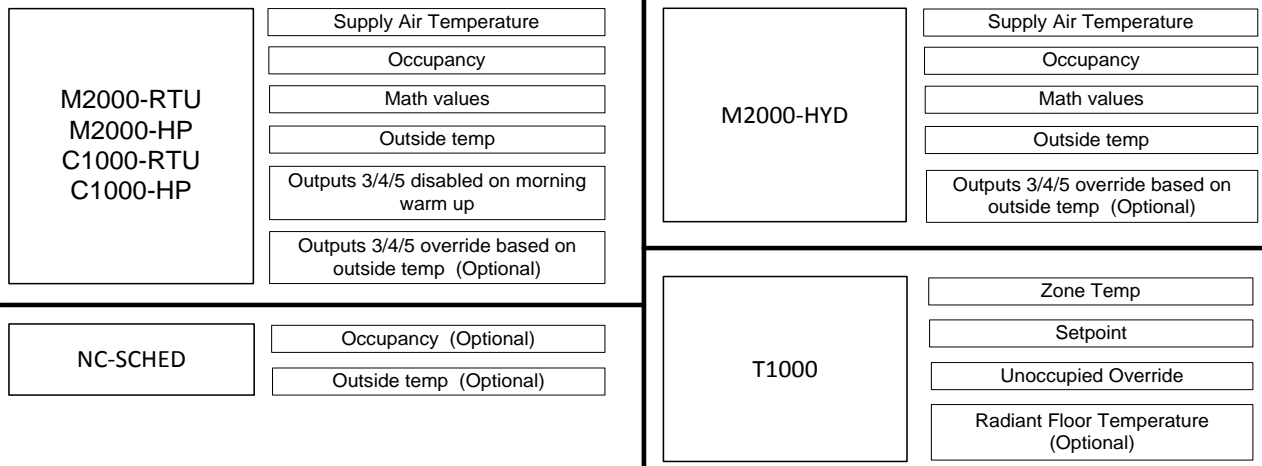
T1000

- Zone Temp
- Setpoint
- Unoccupied Override
- Radiant Floor Temperature (Optional)

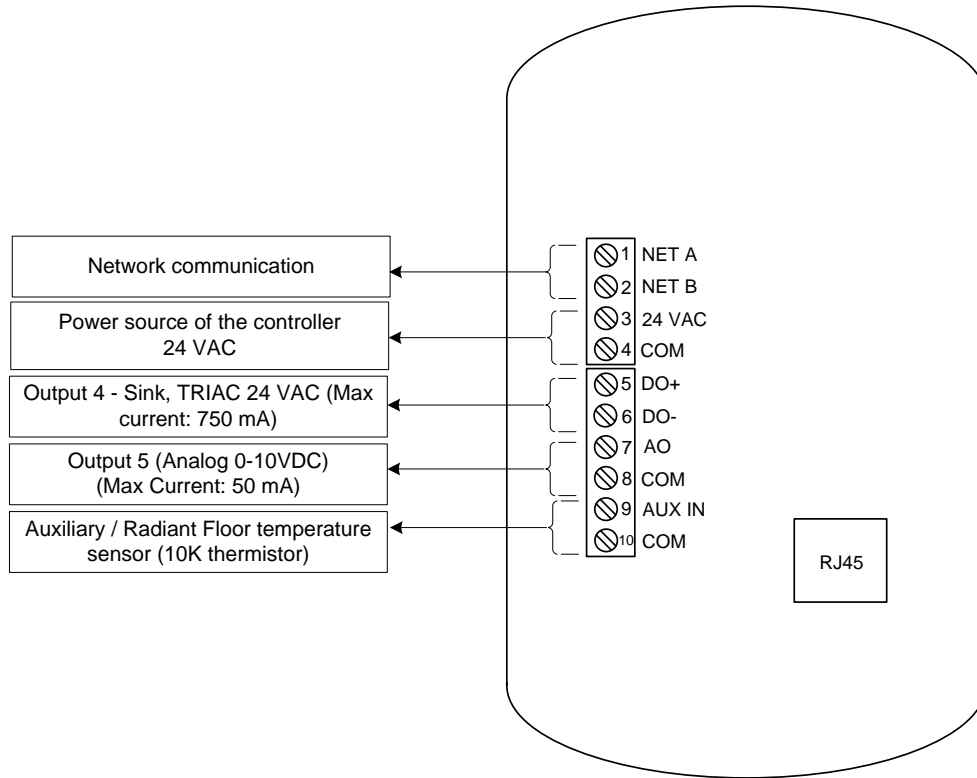
### VC2000 VAV



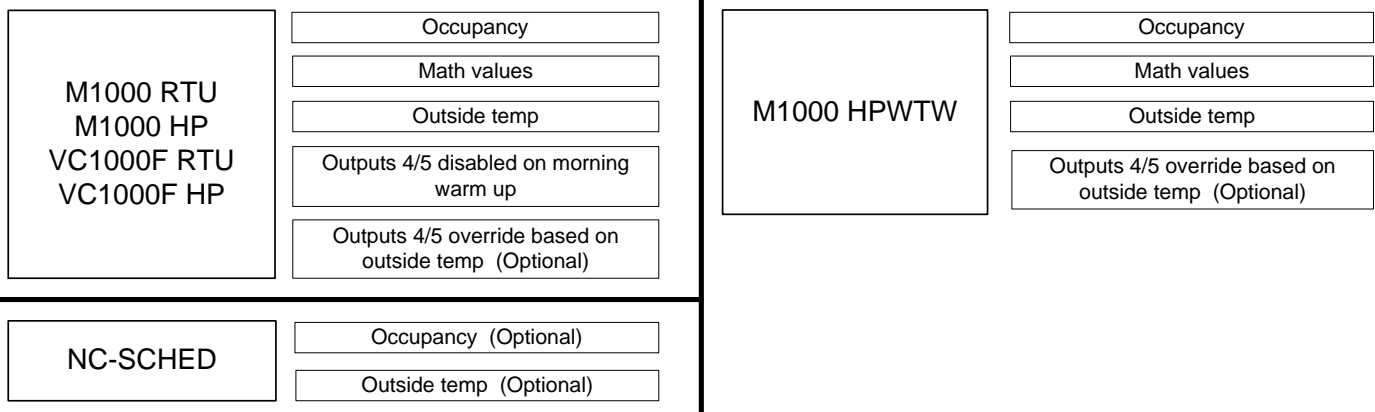
#### INFO RECEIVED FROM NETWORK



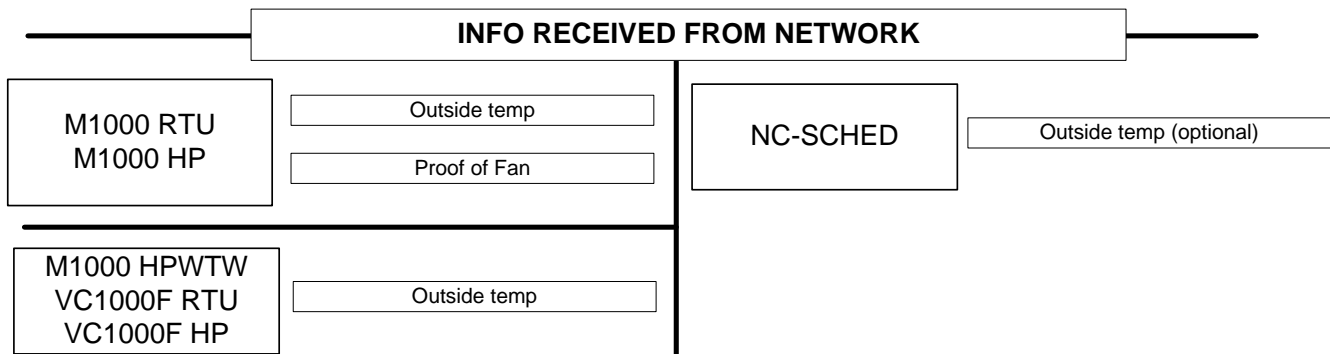
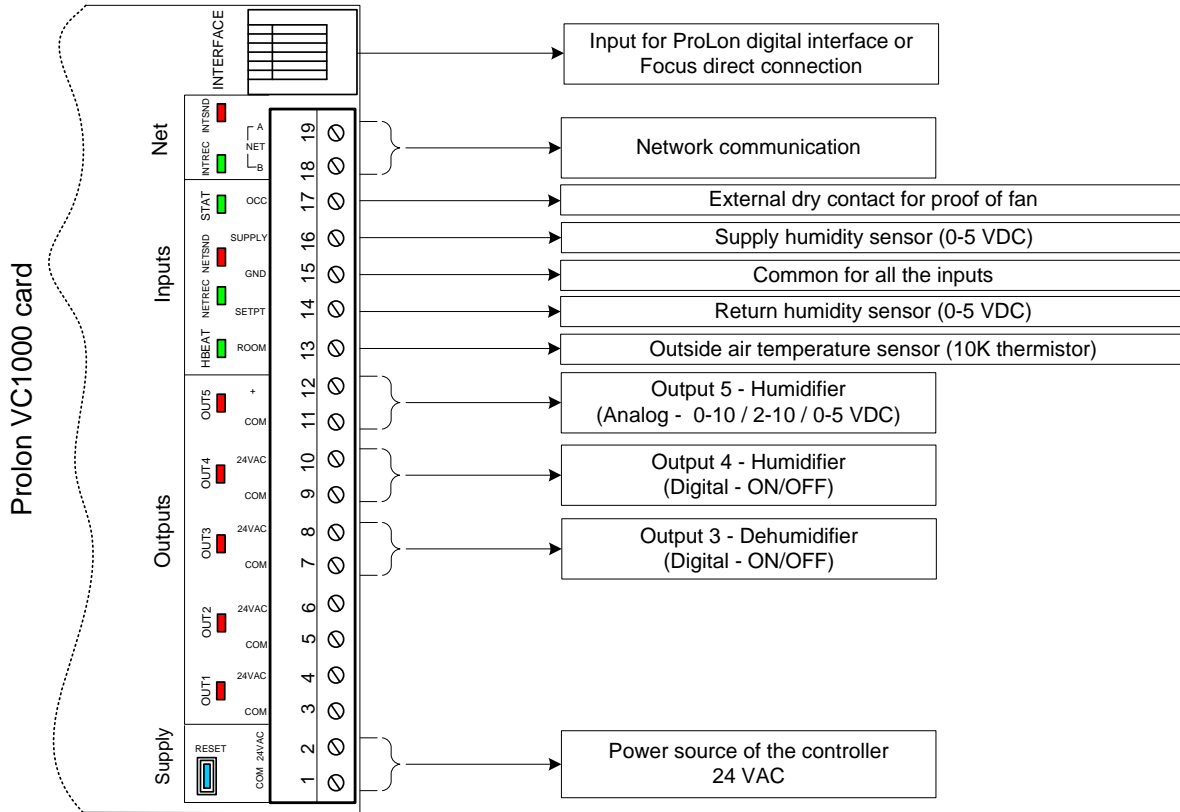
### T1100



#### INFO RECEIVED FROM NETWORK

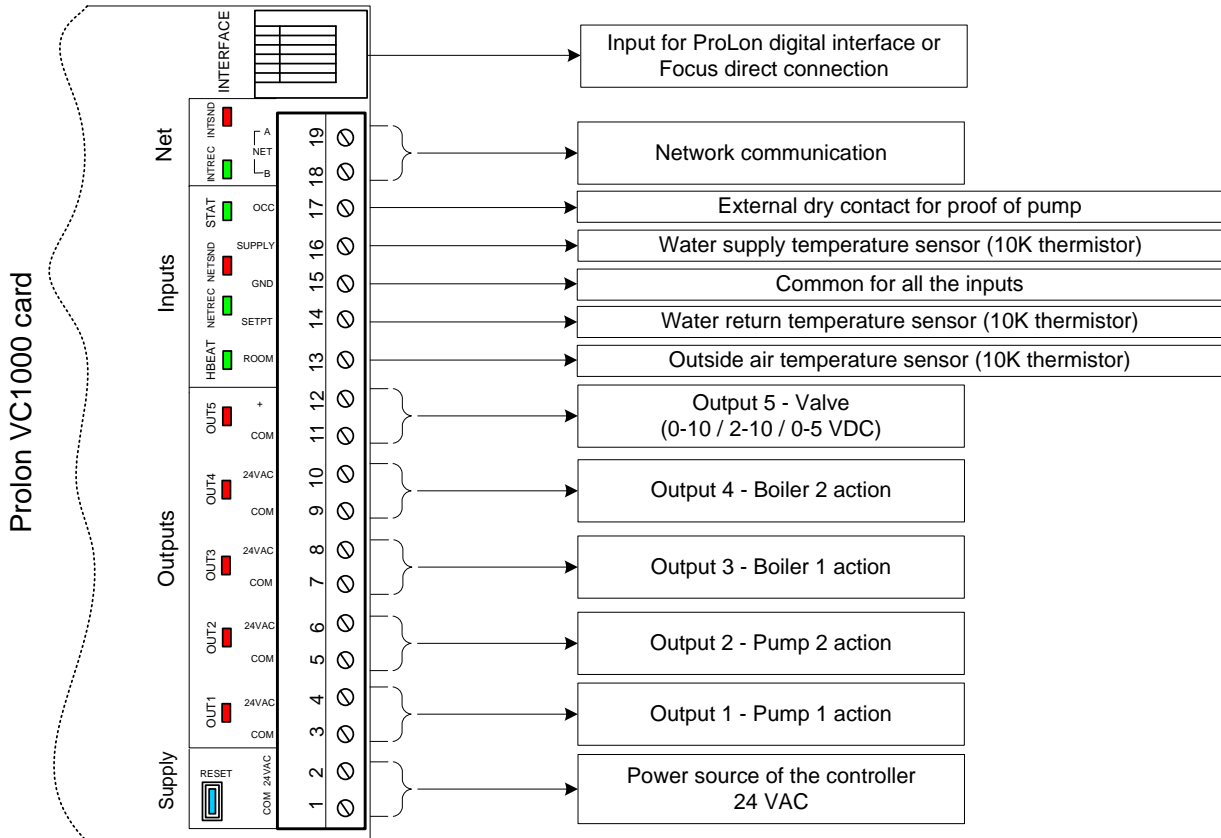


### Humidifier



# Boiler

## PL-VC1000-BLR



### INFO RECEIVED FROM NETWORK

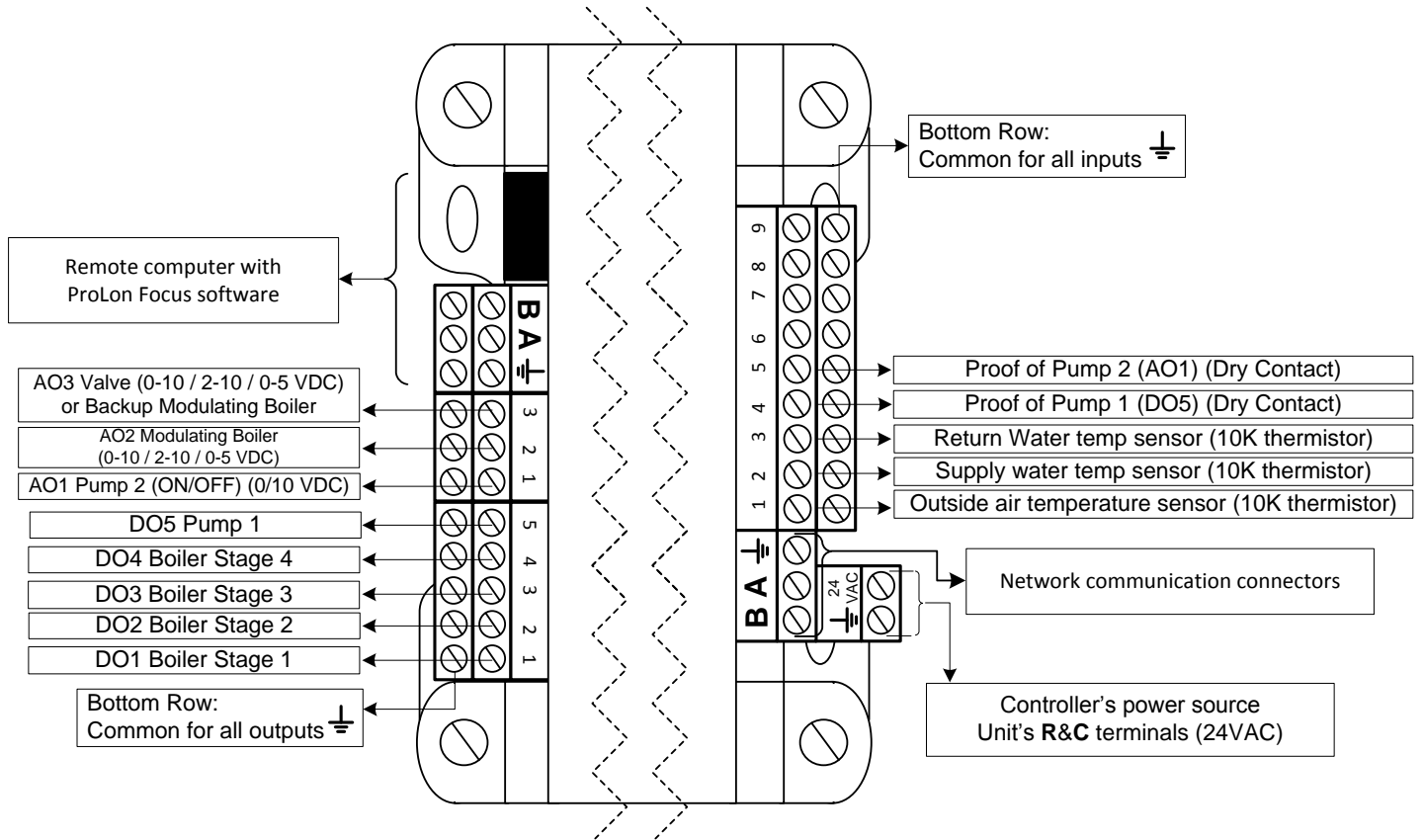
M1000 RTU  
M1000 HP  
M1000 HPWTW  
VC1000F RTU  
VC1000F HP

Occupancy  
Math values  
Outside temp

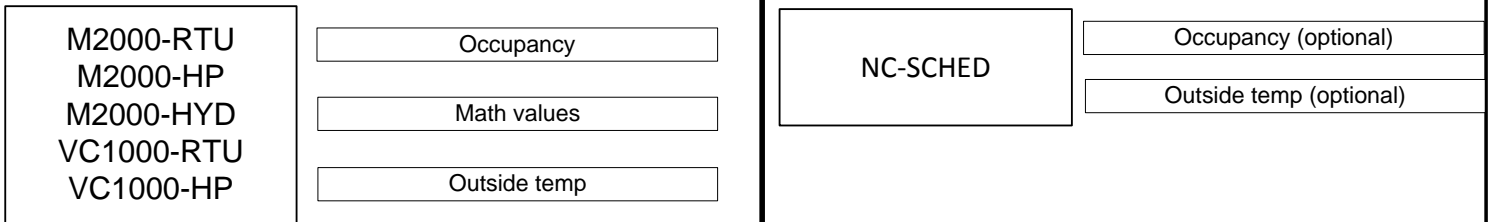
NC-SCHED

Occupancy (optional)  
Outside temp (optional)

### PL-M2000-BLR

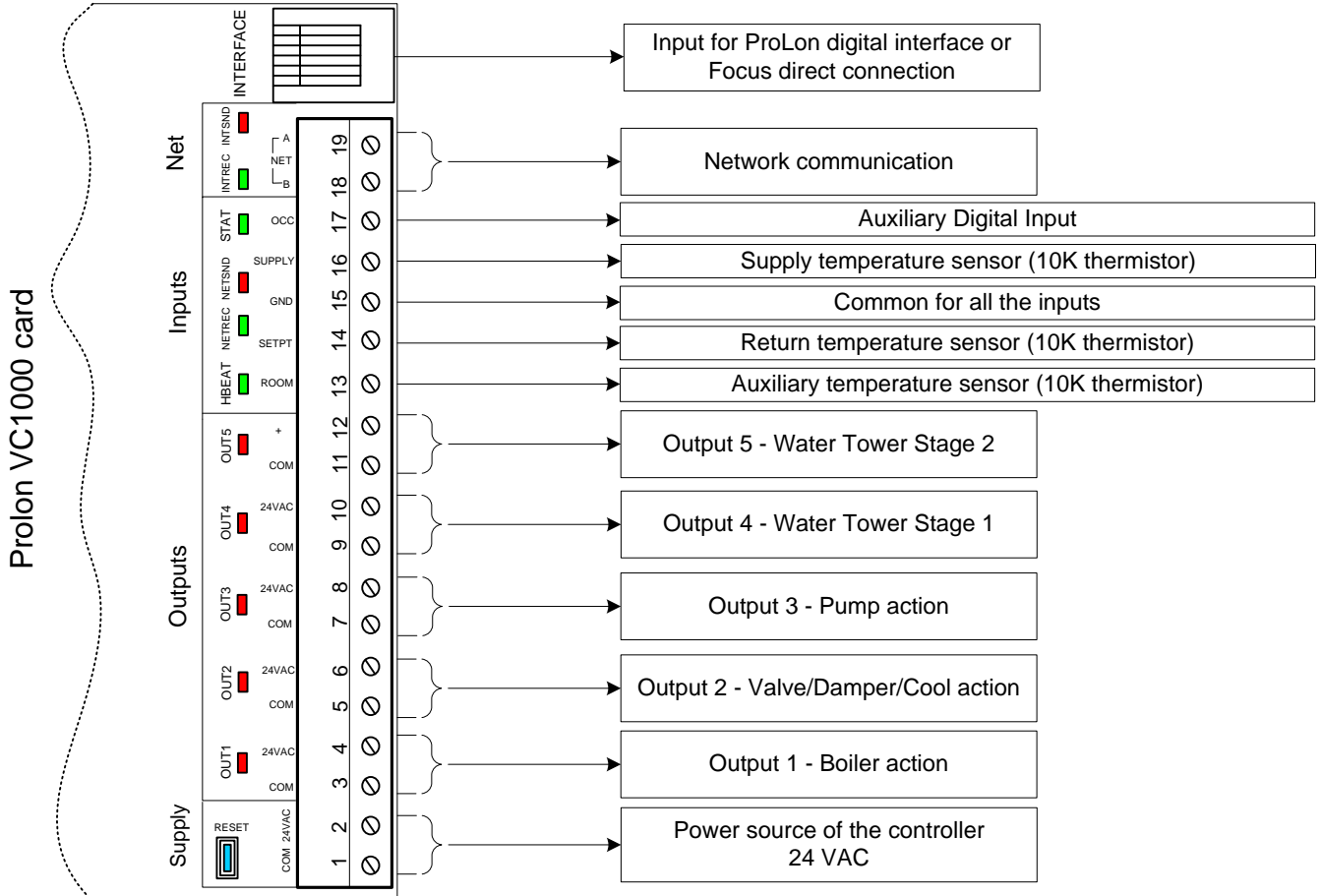


### INFO RECEIVED FROM NETWORK





### Water Loop Controller



INFO RECEIVED FROM NETWORK

No Data Shared