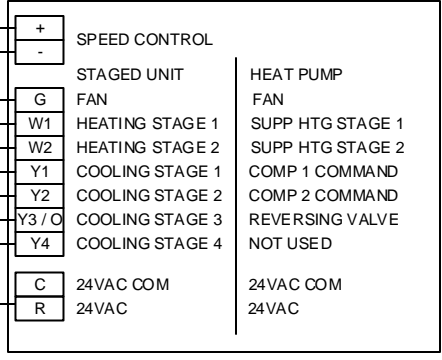
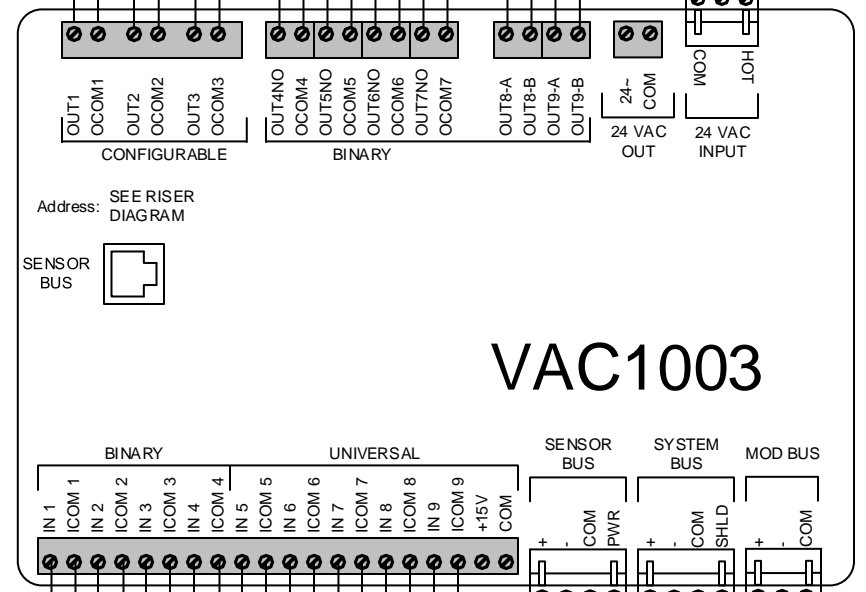
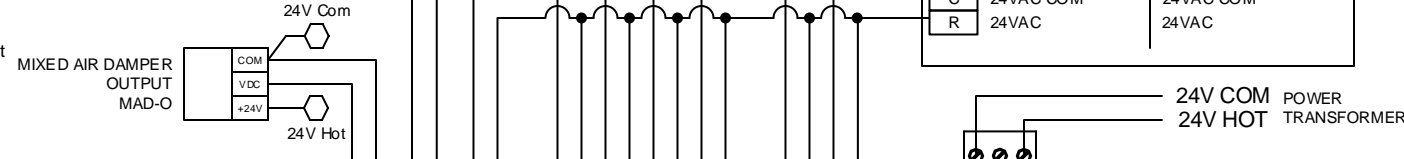


# VAC1003 Wiring

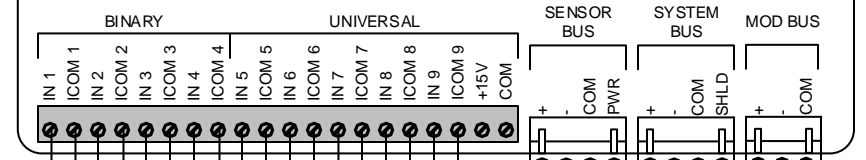
TERMINALS MAY VARY BASED ON UNIT  
 SPEED CONTROL ONLY ON UNITS THAT ARE FIXED VARIABLE  
 NUMBER OF STAGES CAN VARY WITH SETUP  
 HEATING STAGES 3 AND 4 WIRE TO THE LC-EXP3711-0



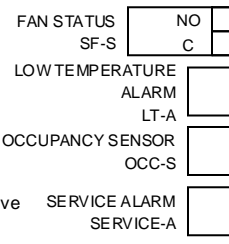
(Required when you have a mixed air damper that you want to 2 position or use as an economizer. Output range is adjustable but assumed to be voltage.)



# VAC1003



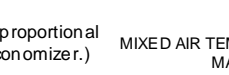
(Optional - Use when you want to have a supply fan alarm.)  
 (Required when you have water coils and an economizer.)  
 (Optional - Used to setback setpoints when occupants not in room)  
 (Optional - Dry contact input used to give a general service alarm.)



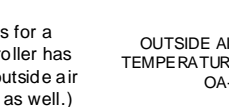
(SA-T Required if you have economizer and no mixed air temperature.)



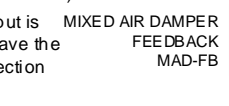
(MA-T Required if you have proportional heating or cooling and an economizer.)



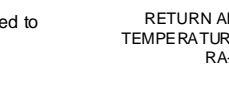
(OA-T Optional - This input is for a hardwired sensor. The controller has the option to data share an outside air temperature to the controller as well.)



(MAD-FB Optional - This input is required when you wish to have the title 24 economizer fault detection diagnostics.)



(RA-T Optional - Can be used to control to instead of a space temperature sensor.)



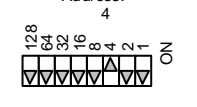
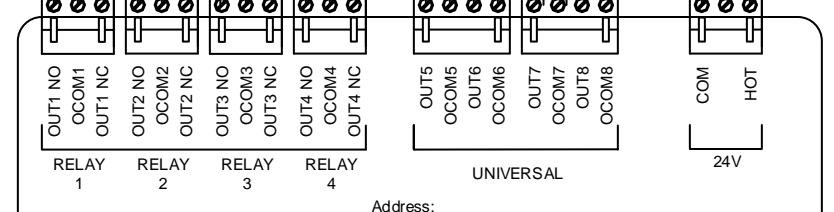
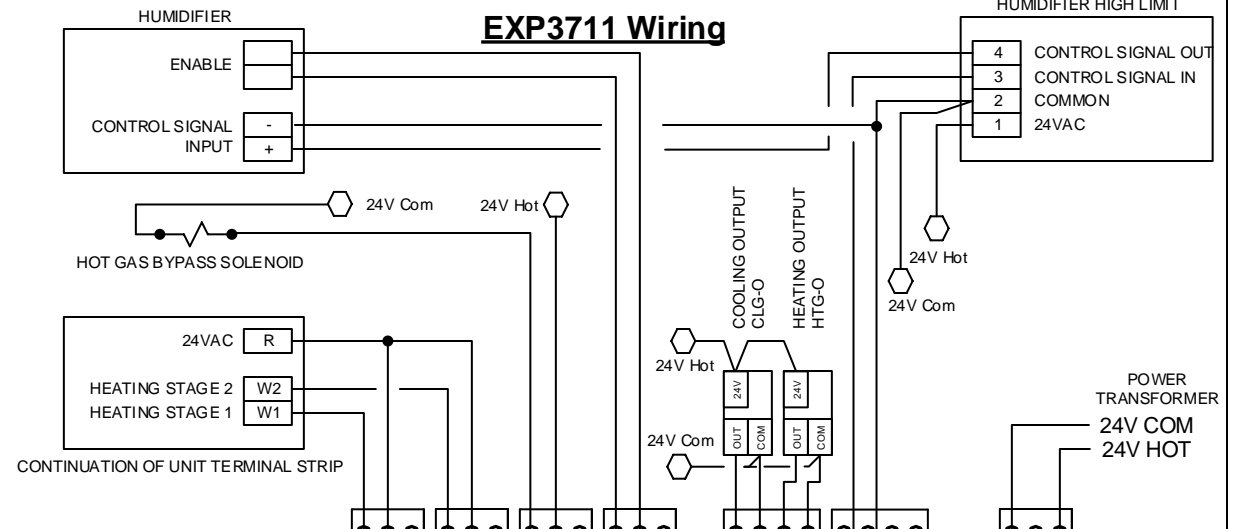
FROM LAST DEVICE TO NEXT DEVICE  
 SEE RISER FOR ZONE BUS WIRING

NS ZONE SENSOR ZN-T (MAY HAVE MANY OPTIONS)  
 REQUIRED IF YOU DO NOT WISH CONTROL FROM RA-T SENSOR

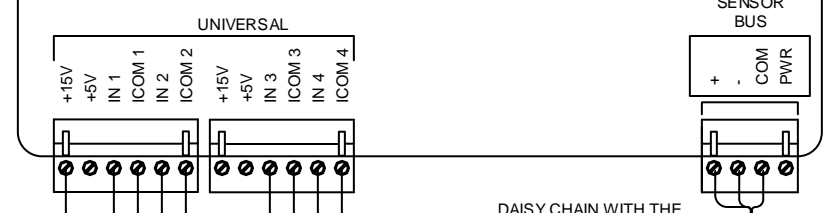
ZONE SENSOR ZN-CO2  
 CONNECTOR ON BACK OF SENSOR  
 (OPTIONAL)

DAISY CHAIN THE SENSOR BUS TO ANY OTHER NETWORK SENSORS THAT MAY BE A PART OF THE SYSTEM

# EXP3711 Wiring



# EXP3711



(OPTIONAL SENSOR) ZONE HUMIDITY ZN-H  
 Range 0-100%/0-10vdc

(OPTIONAL SENSOR) RETURN AIR CO2 RA-CO2  
 Range 0-2000/0-10vdc

(OPTIONAL SENSOR) FILTER STATUS FILT-S  
 (OPTIONAL) PURGE COMMAND PURGE-C

DAISY CHAIN WITH THE SENSORS ON THE VAC SENSOR BUS

Drawing Title									
<b>3rd Party Single Zone VAC1003 plus EXP3711 Wiring</b>									
REFERENCE DRAWING	NO.	REVISION-LOCATION		ECN	DATE	BY			
Sales Engineer	Project Manager	Application Engineer		BY	DATE	BY		DATE	
Project Title		Branch Information		CONTRACT NUMBER		DRAWING NUMBER			
		VERASYS						<b>SZ-VAC1003</b>	