

Connection Type	UC400 Terminal	GE Series	EX Series	DX Series	VSPD WSHHP Configuration
Analog Inputs	AI1	Zone temp	Zone temp	Zone temp	Zone temp
	AI2	Zone setpoint	Zone setpoint	Zone setpoint	Zone setpoint
	AI3	Fan mode	Fan mode	Fan mode	Fan Mode (Control Auto/Off) AHRI Auldit Test Mode Initiate
Universal Inputs	AI4	Discharge air temp	Discharge air temp	Discharge air temp	Heat Sink Temperature Sensor (Note: This was DAT)
	AI5	Entering water temp	Entering water temp	Entering water temp	Entering water temp
	UI1	RH/CO2	RH/CO2	RH/CO2	Relative Humidity Sensor
	UI2	Leaving water temp	Leaving water temp	Leaving water temp	Leaving water temp
	BI1	Occupancy	Occupancy	Occupancy	Occupancy
Binary Inputs ⁴	BI2	Compressor 1 Protection Status (high or low pressure or freeze protection)*	Compressor Protection Status (high or low pressure or freeze protection)*	Compressor Protection Status (high or low pressure or freeze protection)*	Compressor Protection Status - Discharge Line Thermostat/Low/High Pressure Cut Out
	BI3	Compressor 2 Protection Status (high or low pressure or freeze protection)*	Compressor Protection Status (high or low pressure or freeze protection)*	Compressor Protection Status (high or low pressure or freeze protection)*	Compressor Protection Status - Discharge Line Thermostat/Low/High Pressure Cut Out
	BO1	Fan high	Frost detect	Frost detect	Supply Fan On/Off Control
Binary Outputs (Relay):	BO2	Water side economizer	Fan start/stop	Fan start/stop	Isolation Valve
	BO3	Fan low	Water side economizer	Water side economizer	Compressor 1
	BO4	Compressor 1	De-super heater output? (future)	De-super heater output? (future)	Compressor 1
Binary Outputs (Triac) ²	BO5	Compressor 2	Compressor Stage 1	Compressor start/stop	Isolation Valve 2 (Future)
	BO6	Electric heat / Hot gas reheat	Compressor Stage 2	Compressor part-load / full-load	Compressor 2 (Future)
	BO7	Reversing valve	Electric heat / Hot gas reheat	Electric heat / Hot gas reheat	Reserve for Electric Heat or Hot Gas Reheat (Future)
	BO8	Isolation valve / External pump	Reversing valve	Reversing valve	Reversing Valve
	BO9	Outdoor air damper	Isolation valve / External pump	Isolation valve / External pump	Reserve for Pump Output (Future)
Analog Outputs / Binary Inputs	AO1/BI4	BI - Frost detect (coil ice protection)	Outdoor air damper	Outdoor air damper	Reserve for DFT valve (Future)
	AO2/BI5	BI - Fan Status	AO - ECM Motor - Fan	AO - ECM Motor - Fan	ECM Motor Control Signal
Pressure Inputs	PI1	Condensate overflow	BI - Fan Status	BI - Fan Status	Variable Speed Compressor Control Signal
	PI2	<no connect>	Condensate overflow	Condensate overflow	Test Mode Input
Service Button		Test mode input	<no connect>	<no connect>	Feedback from Compressor VFD
		Test mode input	Test mode input	Test mode input	n/a