

VERSION 2

ALL TERMINALS: Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm

Terminal	Function	Ratings
	GROUND	N/A
1	Supply Input Common	N/A
2	Supply Input 24VAC (XF1)	24VAC, 3A, 60Hz
3	Boiler Stage 1 Output	24VAC, 300mA
4	Boiler Stage 2 Output	24VAC, 300mA
5	Boiler Stage 3 Output	24VAC, 300mA
6	Boiler Stage 4 Output	24VAC, 300mA
7	Pump 1 (BLR) Output	24VAC, 300mA
8	Pump 2 (BLR) Output	0-10VDC, 40mA
9	Modulating Boiler Output	0-10VDC, 40mA
10	24VAC Supply	24VAC, 8.5VA
11	Valve or Backup Modulating Boiler	0-10VDC, 40mA
12	24VAC Supply	24VAC, 5VA
13	24VAC Supply	24VAC, 0.03A
14	N/A	N/A
15	24VAC Supply	24VAC, 6.7VA
16	N/A	N/A
17	Dry Contact to Disable Boiler Call	N/A
18	Dry Contact for Max Heat Setpoint	N/A
19	Dry Contact for Proof of Pump 2 (BLR)	N/A
20	Dry Contact for Proof of Pump 1 (BLR)	N/A
21	BLR Return Water Temperature Thermistor (10K Type 3)	N/A
22	BLR Supply Water Temperature Thermistor (10K Type 3)	N/A
23	BLR Outside Air Temperature Thermistor (10K Type 3)	N/A
47 (+)	M2000 RS485 INT A (+)	N/A
48 (-)	M2000 RS485 INT B (-)	N/A
49 (A)	M2000 RS485 NET A (+)	N/A
50 (B)	M2000 RS485 NET B (-)	N/A

Terminal	Function	Ratings
24	Supply Input Common	N/A
25	Supply Input 24VAC (XF2)	24VAC, 3A, 60Hz
26	Fan Output (G)	24VAC, 300mA
27	Cooling Output 1 (Y1)	24VAC, 300mA
28	Cooling Output 2 (Y2)	24VAC, 300mA
29	Heating Output 1 (W1)	24VAC, 300mA
30	Heating Output 2 (W2) or Exhaust Fan	24VAC, 300mA
31	Modulating Heating Output	0-10VDC, 40mA
32	Economizer Controler Output	0-10VDC, 40mA
33	Economizer Supply	24VAC, 8.5VA
34	Bypass or VFD Control Output	0-10VDC, 40mA
35	Bypass or VFD Supply	24VAC, 5VA
36	Static Pressure Sensor Supply	24VAC, 0.03A
37	Static Pressure Sensor / Input Signal	0-5VDC, 5uA
38	CO2 Sensor Supply	24VAC, 6.7VA
39	CO2 Sensor Input Signal	4-20mA, 1-5VDC
40	Dry Contact for Proof of Fan	N/A
41	Zone Setpoint Potentiometer (0-9K)	N/A
42	Zone Temperature Thermistor (10K Type 3)	N/A
43	Variable Function Temprature Sensor	N/A
44	Supply Air Temperature Thermistor (10K Type 3)	N/A
45	Return Air Temperature Thermistor (10K Type 3)	N/A
46	Outside Air Temperature Thermistor (10K Type 3)	N/A
51 (+)	M2000 RS485 INT A (+)	N/A
52 (-)	M2000 RS485 INT B (-)	N/A
53 (A)	M2000 RS485 NET A (+)	N/A
54 (B)	M2000 RS485 NET B (-)	N/A
C	COMMON	N/A