



Terminal	Signal / Component	Wiring
VP	Control panel	VP
1	MODBUS RS485 connection	A
2	MODBUS RS485 connection	B
3	MODBUS RS485 connection	L
4	External control	IN4
5	External stop	IN3
6	Fire system	IN2
7	OVR control	IN1
8	Common	C
9	Return water temp. sensor	B5
10	Supply temp. sensor	B1
11	Supply temp. sensor	B1
12	Supply temp. sensor	B1
13	Humidifier control	TG3
14	Humidifier control	GND
15	DX 0-10V control	TG2
16	DX 0-10V control	-24V
17	DX 0-10V control	N
18	Hot water mixing valve actuator	TG1
19	Hot water mixing valve actuator	-24V
20	Hot water mixing valve actuator	N
21	Cooling water pump 230VAC	S2
22	Cooling water pump 230VAC	L
23	Cooling water pump 230VAC	N
24	Heating water pump 230VAC	S1
25	Heating water pump 230VAC	L
26	Heating water pump 230VAC	N
27	Humidity sensor	B9
28	Air quality sensor	B8
29	Air quality sensor	-24V
30	Air quality sensor	N
31	Exhaust air pressure sensor	B7
32	Exhaust air pressure sensor	-24V
33	Exhaust air pressure sensor	N
34	Supply air pressure sensor	B6
35	Supply air pressure sensor	-24V
36	Supply air pressure sensor	N
37	Supply/exhaust air damper actuator	EG1/2
38	Supply/exhaust air damper actuator	L1
39	Supply/exhaust air damper actuator	N
40	Run Alarm	NO
41	Run Alarm	NO
42	Run Alarm	C
43	Heating Cooling Operation	NO
44	Heating Cooling Operation	NO
45	Heating Cooling Operation	C
46	Water pump/coil alarm	INS
47	Water pump/coil alarm	C
48	Water pump/coil alarm	C

WD\_R\_2000\_F\_W  
 WIRING DIAGRAM  
 Date: 21.03.12