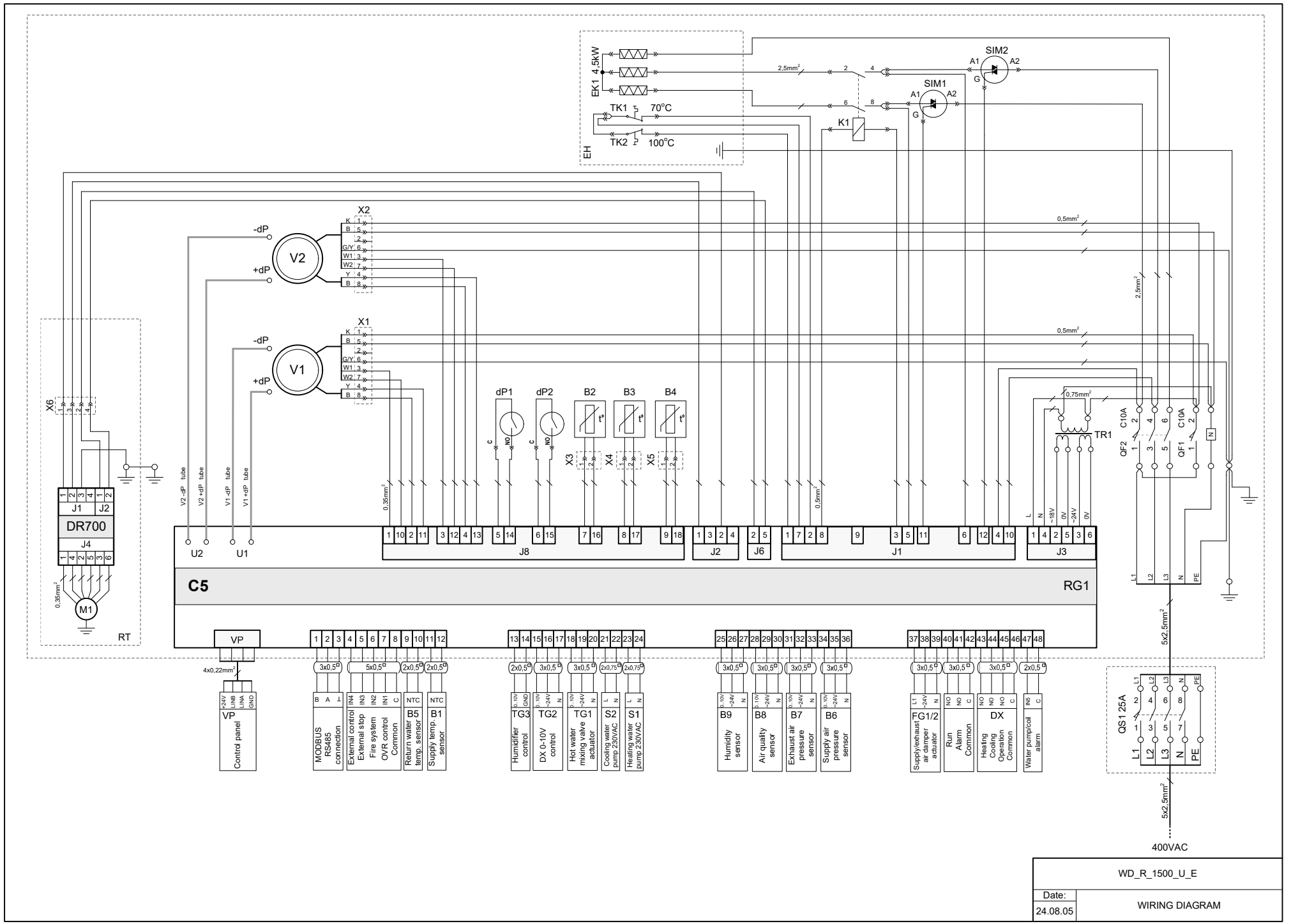
EH
EK1 4.5kW
TK1 70°C
TK2 100°C
SIM2
SIM1
K1
2,5mm²
0,5mm²
0,75mm²
0,35mm²
5x2.5mm²
X1
X2
V1
V2
-dP
+dP
dP1
dP2
B2
B3
B4
X3
X4
X5
X6
J1
J2
DR700
J4
M1
RT
U1
U2
V1 -dP tube
V1 +dP tube
V2 -dP tube
V2 +dP tube
TR1
QF1 C10A
QF2 C10A
QS1 25A
L1
L2
L3
N
PE
~18V
0V
~24V
C5
RG1
J8
J2
J6
J1
J3
VP
4x0,22mm²
+24V
LINB
LINA
GND
Control panel
1 2 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31 32 33 34 35 36
37 38 39 40 41 42 43 44 45 46 47 48
3x0,5
5x0,5
2x0,5
2x0,75
B A /
MODBUS RS485 connection
IN4 IN3 IN2 IN1 C
External control
External stop
Fire system
OVR control
Common
NTC
B5
Return water temp. sensor
B1
Supply temp. sensor
0..10V GND
TG3
Humidifier control
0..10V ~24V N
TG2
DX 0-10V control
TG1
Hot water mixing valve actuator
L N
S2
Cooling water pump 230VAC
S1
Heating water pump 230VAC
B9
Humidity sensor
B8
Air quality sensor
B7
Exhaust air pressure sensor
B6
Supply air pressure sensor
L1 ~24V N
FG1/2
Supply/exhaust air damper actuator
NO NO C
Run
Alarm
Common
NO NO NO C
DX
Heating
Cooling
Operation
Common
IN5 C
Water pump/coil alarm
400VAC
WD_R_1500_U_E
Date:
24.08.05
WIRING DIAGRAM