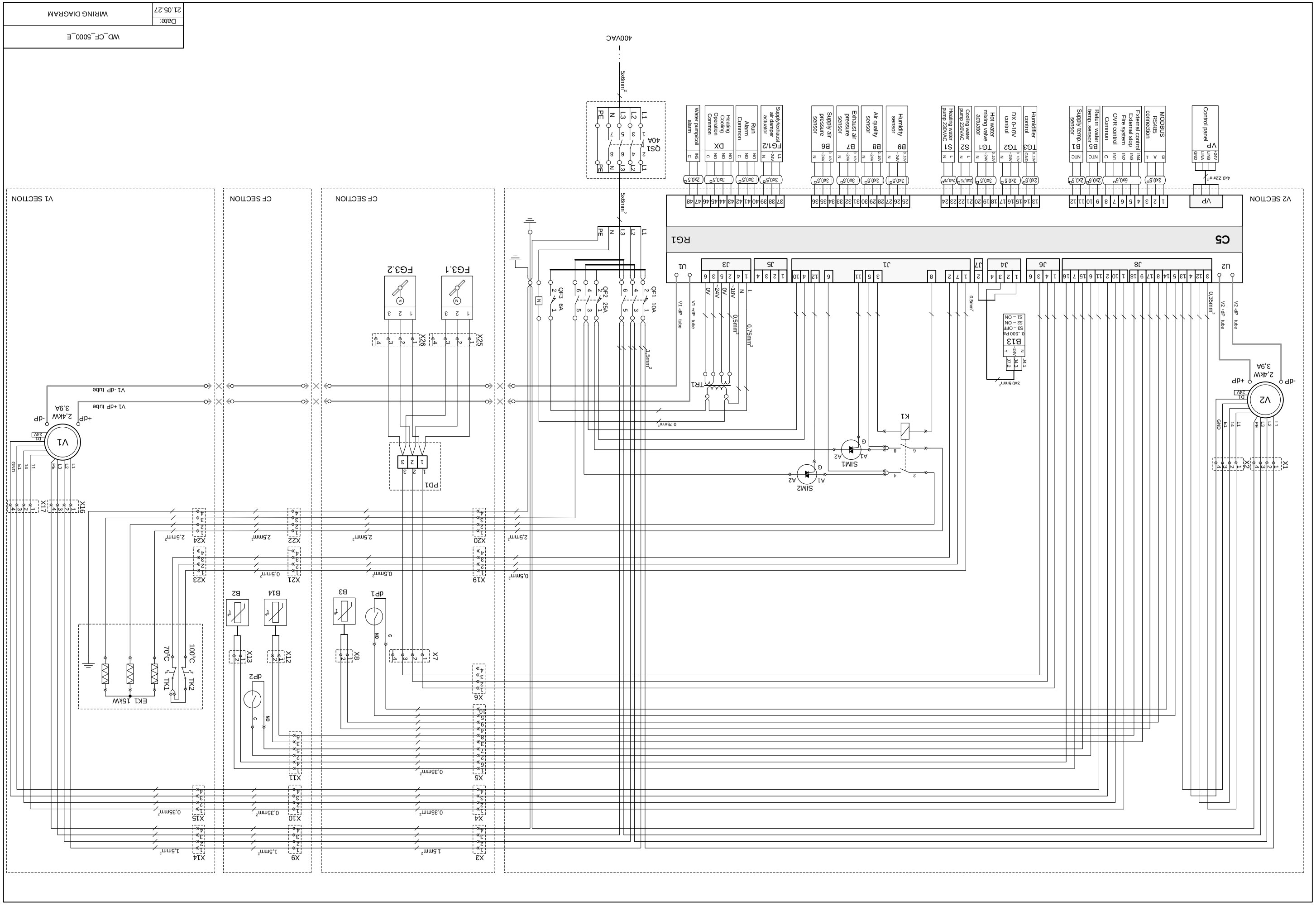
WD_CF_5000_E
Date:
21.05.27
WIRING DIAGRAM
400VAC
V1 SECTION
CF SECTION
CF SECTION
V2 SECTION
RG1
C5
Control panel
MODBUS RS485 connection
External control
External stop
Fire system
OVR control
Common
Return water temp. sensor
Supply temp. sensor
Humidifier control
DX 0-10V control
Hot water mixing valve actuator
Cooling water pump 230VAC
Heating water pump 230VAC
Humidity sensor
Air quality sensor
Exhaust air pressure sensor
Supply air pressure sensor
Supply/exhaust air damper actuator
Run Alarm Common
Heating Cooling Operation Common
Water pump/coil alarm
QS1 40A
QF1 10A
QF2 25A
QF3 6A
FG3.1
FG3.2
TR1
K1
SIM1
SIM2
PD1
B13
V1
V2
2,4kW 3,9A
EK1 15kW
TK1
TK2
100°C
70°C
dP1
dP2
B2
B3
B14
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X19
X20
X21
X22
X23
X24
X25
X26
V1 -dP tube
V1 +dP tube
V2 -dP tube
V2 +dP tube
5x6mm²
4x0,22mm²
0,35mm²
0,5mm²
0,75mm²
1,5mm²
2,5mm²