FILTER SECTION

V1 SECTION

HE1 ELECTRIC HEATER SECTION

4x0,5mm²

X3

X3.2

C5_VM_1 RG2

P1 P2

P2

2x0,5mm²

4x0,5mm²

+dP -dP Filter

B3

PD1

RG2 DIP switch

ON 1 2

OFF

FG1

PD2

4x0,5mm²

4x0,5mm²

4x0,5mm²

2x0,5mm²

Cable 01_V1

L1 L2 L3 PE A B MODBUS

DK1-SM

U V W PE

Cable

V1

-dP +dP

V1 +dP tube

V1 -dP tube

0,75mm²

TR1

L N -16V 0V -24V 0V

QF1 QF2

L1 L2 L3 N PE

Cable1

400VAC

J5 J6 J4 J2 J3 U2 U1

C5 RG1

VP 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

4x0,22mm²

3x0,5	5x0,5	2x0,5	2x0,5	3x0,5	3x0,5	2x0,75	2x0,75	3x0,5	3x0,5	3x0,5	3x0,5	3x0,5	3x0,5	3x0,5	2x0,5								
+24V LINE DATA GND	B A ⊥	IN4 IN3 IN2 IN1 C	NTC	0..10V GND	0..10V -24V N	0..10V -24V N	L N	L N	0..10V -24V N	0..10V -24V N	0..10V -24V N	0..10V -24V N	0..10V -24V N	NO NO C	NO NO C	NO NO C	IN5 C						
VP Control panel	MODBUS RS485 connection	External control External stop Fire system OVR control Common	B1 Supply temp. sensor	TG3 Humidifier control	TG2 Cold water mixing valve actuator	TG1 Hot water mixing valve actuator	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		Run Alarm Common	DX 3 Step/heating 2 Step 1 Step Common		Water pump/coil alarm						

DK1 DIP switch:

ON 1 2 3 4 5 6 7

OFF

SW1

ON 1 2

OFF

SW2

ON 1 2 3 4 5 6 7

OFF

TK1 70°C TK3 60°C TK2 100°C

C5_PM_1

25	28			27	26			30	29					21	22			19	20	17	18	9	10	11	12
0,5mm²				0,5mm²				0,5mm²														0,5mm²			

KM1 KM2

QF2 2,5mm²

QF1 2,5mm²

SIM1 SIM2

F1 0,315A

Supply wire

QS1

6mm²

Supply cable

L1 L2 L3 N PE

2,5mm² 2,5mm²

KM1 KM2

EK1 EK2

VERSO-S-HE(2)-PM	
Date: 19.11.12	WIRING DIAGRAM