FILTER SECTION

V1 SECTION

HE1 ELECTRIC HEATER SECTION

4x0,5mm²

X3

X3.2

C5_VM_1 RG2

P1 P2

2x0,5mm²

4x0,5mm²

+dP -dP Filter

B3

PD1

RG2 DIP switch

ON 1 2

OFF

FG1

4x0,5mm²

4x0,5mm²

2x0,5mm²

Cable 01_V1

DK1-SM

L1 L2 L3 PE A B MODBUS

U V W PE

Cable

V1

-dP +dP

V1 +dP tube

V1 -dP tube

PD2

4x0,5mm²

0,75mm²

TR1

L N ~18V 0V ~24V 0V

QF1 QF2

L1 L2 L3 N PE

Cable1

J5 J6 J4 J2 J3 U2 U1

C5 RG1

VP

4x0,22mm²

3x0,5² 5x0,5² 2x0,5² 2x0,5² 3x0,5² 2x0,75² 2x0,75² 3x0,5² 3x0,5² 3x0,5² 3x0,5² 3x0,5² 3x0,5² 2x0,5²

+24V LINB LINA GND

VP Control panel

B A ⊥ MODBUS RS485 connection

IN4 IN3 IN2 IN1 C External control External stop Fire system OVR control Common

NTC 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

NO NO C Run Alarm Common

NO NO NO C DX 3rd step/heating 2nd step 1st step Common

INS C Water pump/coil alarm

QS1

L1 L2 L3 N PE

Cable1

400VAC

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

0,5mm² 0,5mm² 0,5mm² 0,5mm²

KM1

QF1 2,5mm²

SIM1 SIM2

2,5mm² 2,5mm²

F1 0,315A

Supply wire

QS1

2,5mm² KM1

6mm²

Supply cable

L1 L2 L3 N PE

EK1

VERSO-S-HE(1)-PM	
Date: 19.11.12	WIRING DIAGRAM