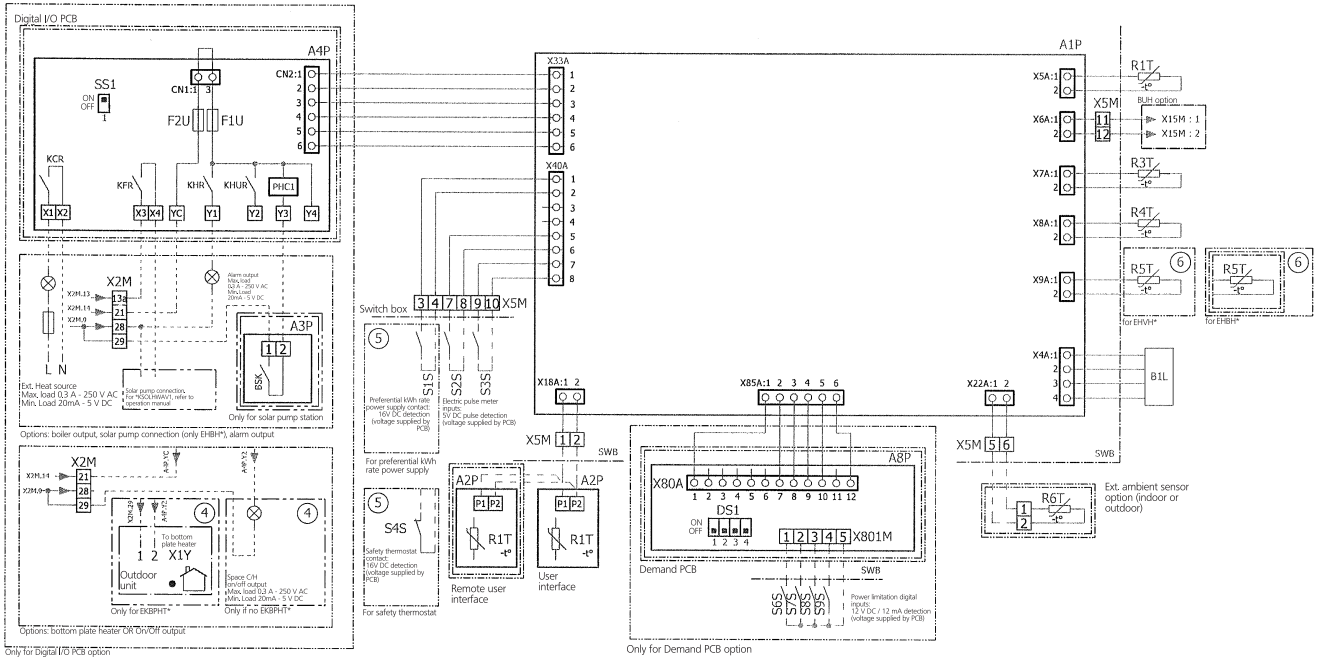
EHBH-CBV


Digital I/O PCB
A4P
SS1
ON
OFF
CN1:1 3
CN2:1
2
3
4
5
6
F2U
F1U
KCR
KFR
KHR
KHUR
PHC1
X1 X2
X3 X4
YC
Y1
Y2
Y3
Y4
X2M
X2M.13
X2M.11
X2M.0
32
21
28
29
L N
Ext. Heat source
Max. load 0,3 A - 250 V AC
Min. Load 20mA - 5 V DC
Solar pump connection, for YSOLHWAV1, refer to operation manual
Alarm output
Max. load
0,3 A - 250 V AC
Min. Load
20mA - 5 V DC
A3P
1 2
BSK
Only for solar pump station
Options: boiler output, solar pump connection (only EHBH*), alarm output
X2M
X2M.14
X2M.0
21
28
29
A1Y
A2Y
A3Y
X2M.24
A4P.4
4
To bottom plate heater
1 2 X1Y
Outdoor unit
Space C/H on/off output
Max. load 0,3 A - 250 V AC
Min. Load 20mA - 5 V DC
Only for EKBPHT*
Only if no EKBPHT*
Options: bottom plate heater ON ON/OFF output
Only for Digital I/O PCB option
X33A
1
2
3
4
5
6
X40A
1
2
3
4
5
6
7
8
Switch box
3 4 7 8 9 10 X5M
5
S1S
S2S
S3S
Preferential kWh rate power supply contact: 16V DC detection (voltage supplied by PCB)
Electric pulse meter inputs: 5V DC pulse detection (voltage supplied by PCB)
For preferential kWh rate power supply
5
S4S
Safety thermostat contact: 16V DC detection (voltage supplied by PCB)
For safety thermostat
A2P
P1 P2
R1T
Remote user interface
A2P
P1 P2
R1T
User interface
X18A:1 2
X5M 1 2
SWB
X85A:1 2 3 4 5 6
X22A:1 2
A1P
X5A:1
2
X6A:1
2
X7A:1
2
X8A:1
2
X9A:1
2
X4A:1
2
3
4
X5M
11
12
BUH option
X15M : 1
X15M : 2
R1T
R3T
R4T
R5T
6
for EHVH*
R5T
6
for EHBH*
B1L
X5M 5 6
SWB
R6T
1
2
Ext. ambient sensor option (indoor or outdoor)
A8P
X80A
1 2 3 4 5 6 7 8 9 10 11 12
DS1
ON
OFF
1 2 3 4
1 2 3 4 5 X801M
Demand PCB
SWB
S5S
S6S
S7S
S8S
S9S
Power limitation digital inputs: 12 V DC / 12 mA detection (voltage supplied by PCB)
Only for Demand PCB option