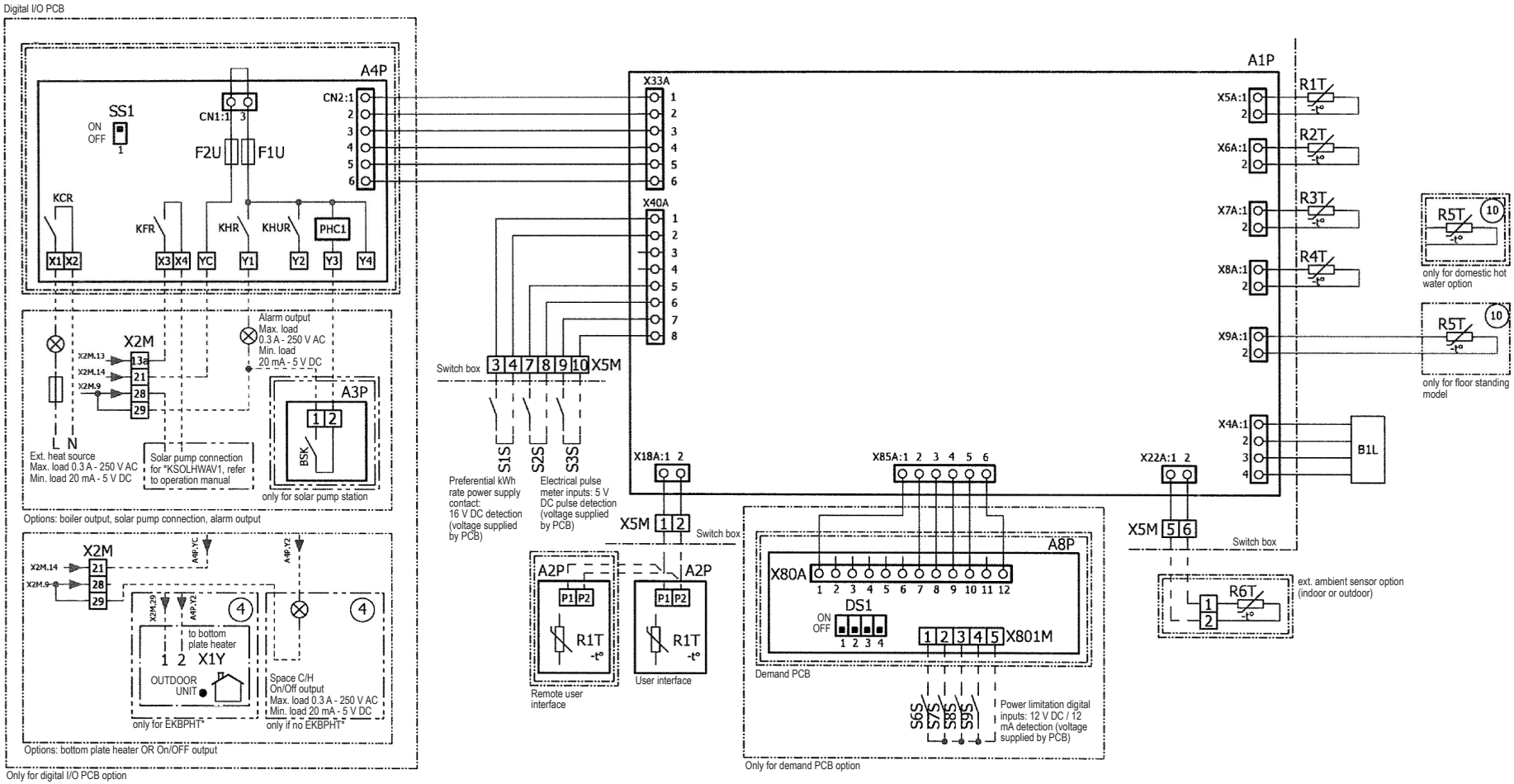
Digital I/O PCB
A4P
SS1
ON
OFF
CN1:1 3
CN2:1
F2U
F1U
KCR
KFR
KHR
KHUR
PHC1
X1 X2
X3 X4
YC
Y1
Y2
Y3
Y4
X2M
X2M.13
X2M.14
X2M.9
13a
21
28
29
Alarm output
Max. load
0.3 A - 250 V AC
Min. load
20 mA - 5 V DC
A3P
1 2
BSK
L N
Ext. heat source
Max. load 0.3 A - 250 V AC
Min. load 20 mA - 5 V DC
Solar pump connection
for *KSOLHWAV1, refer
to operation manual
only for solar pump station
Options: boiler output, solar pump connection, alarm output
X2M
X2M.14
X2M.9
21
28
29
A4P:YC
A4P:Y2
X2M.29
A4P:Y2
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 20 mA - 5 V DC
only for EKBPHT*
only if no EKBPHT*
Options: bottom plate heater OR On/OFF output
Only for digital I/O PCB option
X33A
X40A
Switch box
3 4 7 8 9 10 X5M
S1S
S2S
S3S
Preferential kWh
rate power supply
contact:
16 V DC detection
(voltage supplied
by PCB)
Electrical pulse
meter inputs: 5 V
DC pulse detection
(voltage supplied
by PCB)
X18A:1 2
X5M 1 2
Switch box
A2P
P1 P2
R1T
-t°
Remote user
interface
User interface
A1P
X5A:1
X6A:1
X7A:1
X8A:1
X9A:1
X4A:1
R1T
R2T
R3T
R4T
R5T
10
only for domestic hot
water option
only for floor standing
model
B1L
X85A:1 2 3 4 5 6
X22A:1 2
X5M 5 6
Switch box
R6T
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
S6S
S7S
S8S
S9S
Power limitation digital
inputs: 12 V DC / 12
mA detection (voltage
supplied by PCB)
Only for demand PCB option