SEHVX40BAW
SEHVX64BAW

NOTES to go through before starting the unit

X1M : Terminal
X2M : Field wiring terminal for high voltage
X3M : Field wiring terminal for low voltage (circuit 1)
X4M : Factory wiring terminal for low voltage (circuit 2)

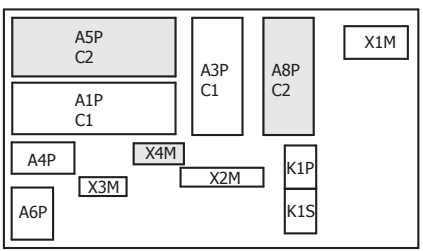
: Earth wiring
: Field supply
→ **/12.2 : Connection ** continues on page 12 column 2
① : Several wiring possibilities

User installed options: ☐ EKRUAHT* = Remote user interface
☐ 1 x EKRP1AHT* = Demand PCB's

: Option
: Wiring depending on model
: Not mounted in switch box
: PCB

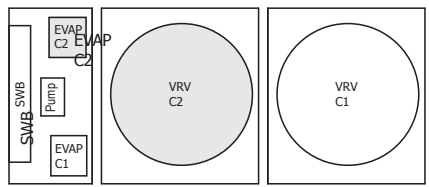
Switchbox layout:

POSITION IN SWITCH BOX



System layout:

SYSTEM LAYOUT



SEHVX(40~64)BAW

LEGEND

Part n°		Description
A1P		Main PCB circuit 1
A2P		User interface PCB
A3P		Control PCB circuit 1
A4P	*	Demand PCB
A5P		Main PCB circuit 2
A6P	*	Demand PCB
A7P	*	Remote user interface PCB
A8P		Control PCB circuit 2
C1 - C3		Filter capacitor
F1U (A*P)		Fuse (T, 3.15A 250V)
HAP (A*P)		PCB LED
K11E		Electronic expansion valve (Circuit 1)
K21E		Electronic expansion valve (Circuit 2)
K1P		Pump contactor
K1S		Pump overcurrent relay
K*R (A3P)		PCB relay
M1P		Pump
PS (A*P)		Switching power supply
Q1DI	#	Earth leakage circuit breaker
R11T		Leaving water thermistor (Circuit 1)
R12T		Returning water thermistor (Circuit 1)
R13T		Refrigerant liquid thermistor (Circuit 1)
R14T		Refrigerant gas thermistor (Circuit 1)
R21T		Leaving water thermistor (Circuit 2)
R22T		Returning water thermistor (Circuit 2)
R23T		Refrigerant liquid thermistor (Circuit 2)
R24T		Refrigerant gas thermistor (Circuit 2)
S1L		Flow switch (Circuit 1)
S2L		Flow switch (Circuit 2)
S1S	#	Thermostat input 1
S2S	#	Thermostat input 2
S3S	#	Operation ON input
S4S	#	Operation OFF input
SS1 (A1P, A5P)		Selector switch (emergency)
SS1 (A2P)		Selector switch (main / sub)
SS1 (A7P)	*	Selector switch (main / sub)
V1C - V2C		Ferrite core noise filter
X1M - X4M		Terminal strip
X801M (A*P)	*	PCB terminal strip
Z1F - Z2F (A*P)		Noise filter

* : field installed option
\# : field supplied