

ELBH-E6V
ELBH-E9W
ELBX-E6V
ELBX-E9W

Power supply

① Only for normal power supply installation
unit power supply: 400 V or 230 V + earth

① Only for preferential kWh rate power supply installation
unit preferential kWh rate power supply:
400 V or 230 V + earth

normal kWh rate power supply for indoor unit: 230 V

FIELD SUPPLY

② Preferential kWh rate power supply contact

② Only for LV smartgrid:
Smartgrid contact S10S

Optional part

② Only for HV smartgrid:
Smartgrid contact K1A

Smartgrid relais K1A

Smartgrid relais K2A

HV smartgrid control supply: 230 V

FIELD SUPPLY

③ Safety thermostat Q4L

backup heater power supply (6/9 kW): 400 V or 230 V + earth
(F1B)

Optional parts (*KHW*)

booster heater power supply (3 kW): 400 V or 230 V + earth
(F2B)

DOMESTIC HOT WATER TANK

Booster heater/Q2L

RST - thermistor water temperature

K3M - contactor booster heater

OPTIONAL PART

(WLAN adapter module)

A20P: J2

3WAY VALVE

M3S (when *KHW is installed)
selection domestic hot water-floor heating

(BZ mixing kit)

A30P: S16

FIELD SUPPLY

Power limitation demand input 1

Power limitation demand input 2

Power limitation demand input 3

Power limitation demand input 4

STANDARD PART

OUTDOOR UNIT

X1M: L-N-earth or
X1M: L1-L2-L3-N-earth
X1M: 1-2-3-earth

4 core

INDOOR UNIT

X1M: 1-2-3-earth
X2M: 5-6
X5M: 9-10

X10M: 1-2
X10M: 3-4

X5M: 13
X5M: 14

X5M: 13-14

X6M: L1-L2-L3 + earth
or L-N + earth
or L1-L2-L3-N + earth

X8M: L-N + earth
or L1-L2 + earth
or L1/L2/L3-N + earth

X2M: 10
X2M: 11a

A1P: X13A

X7M: L-N + earth

A1P: X9A

A11P: X5: 4-5
A11P: X9: 1-2-3
SPST:
X2M: 12-13-14a
A11P: X3: 2-3-4

Only for *KRP1AHTA

A8P: X801M: 1-5
A8P: X801M: 2-5
A8P: X801M: 3-5
A8P: X801M: 4-5

FIELD SUPPLY

Only for *KRP1HB*

Alarm indication

Ext. heat source (eg boiler)

Cooling/heating ON/OFF output

Only for EKSRS4A option
BSK: A3P: 1-2 solar interlock

Circulation pump for DHW

2WAY VALVE
M2S for cooling mode

Electricity meter pulse input 1

Only for HV smartgrid
Smartgrid contact K2A

Only for LV smartgrid
Smartgrid contact S11S

Electricity meter pulse input 2

Smartgrid pulse meter

OPTIONAL PART

Only for KRCS01-1 or EKRSCA1

X5M: 7-8

EXTERNAL ROOM THERMOSTAT / HEAT PUMP CONVECTOR
(main and/or additional zone)

④ main: X2M: 30-34-35
add: X2M: 30-34a-35a

3 core for C/H operation
2 core for H only operation

Only for *KRTW
(wired room thermostat)

A2P: X1M: C-com-H

④ main: X2M: 30-31-34-35
add: X2M: 30-31-34a-35a

5 core for C/H operation
4 core for H only operation

Only for *KRTR
(wireless room thermostat)

A15P: X1M: H-C-com
X2M: L-N

④ main: X2M: 30-35
add: X2M: 30-35a

4 core

Only for
(heat pump convector)

A3P

⑦ A2P: X1M: 1-3
only for EKRTR1

⑦ A2P: X1M: 1-2
only for EKRTRB

2 core (3m included)
R2t
External Sensor
(Floor Or Ambient)

Only for *KRTETS

X5M: 11-12

2 core
2x0,75
communication

Only for remote user interface

A14P: P1-P2 user interface

2 core
2x0,75
communication

Only for LAN adapter

A13P: P1-P2 user interface

NOTE

- In case of signal cable: keep minimum distance to power cables > 5 cm
- Available heaters depending on model: see combination table