

Standard parts

For more details please check unit wiring diagram

Note: in case of signal cable or communication cable, keep minimum distance to power cables > 5cm

Outdoor unit power supply

Possibility 1: Only for normal power supply installation
380V - 415V or 220V - 240V + Earth

5 or 3 core



Possibility 2: Only for benefit kWh rate power supply installation

benefit kWh rate power supply:
380V - 415V or 220V - 240V + Earth

5 or 3 core



Outdoor unit

X1M: L1-L2-L3-N-Earth
or L-N-EarthX1M: L1-L2-L3-N-Earth
or L-N-Earth

X2M: F1-F2

X2M: BPB

2 core
communication

X3M: F1-F2

X1M: L1-L2-L3-N-Earth
or L-N-Earth

X2M: 8-9-10-11-1

X1M: L1-L2-L3-N-Earth
or L-N-Earth

X2M: 8-9-10-11-1

X3M: 7-8

Room thermostat

Possibility 1

Possibility 2

X2M: 6-7

X3M: P1-P2

2 core
communication

User interface

Field supply

Only for EKRP1HBAA

2 core
220V - 240V1 core
220V - 240V1 core
220V - 240V1 core
220V - 240V2 core
220V - 240V2 core
220V - 240V2 core
220V - 240V2 core
Signal2 core
Signal2 core
Signal2 core
Signal2 core
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Signal2 core
Signal2 core
Signal2 core
Signal2 core
Signal2 core
Signal2 core
Signal2 core
Signal2 core
Signal2 core
Signal2 core
Signal2 core
220V - 240V1 core
220V - 240V1 core
220V - 240V1 core
220V - 240V2 core
220V - 240V2 core
220V - 240V2 core
220V - 240V2 core
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220V - 240V1 core
220V - 240V1 core
220V - 240V1 core
220V - 240V2 core
220V - 240V2 core
220V - 240V2 core
220V - 240V2 core
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Signal2 core
Signal

Possibility 1: Only for normal power supply installation

380V - 415V or 220V - 240V + Earth

5 or 3 core



Possibility 2: Only for benefit kWh rate power supply installation

benefit kWh rate power supply:
380V - 415V or 220V - 240V + Earth

5 or 3 core

Normal kWh rate power supply:
220V - 240V + Earth

3 core



benefit kWh rate power supply

2 core



Signal

Optional parts

Only for EKHTS*

Domestic hot water tank
R2T Thermostat water temperature

2 core



Signal

3 way valve
R1S (when EKHTS is installed) selection domestic hot water-heating

3 core



220-240V

Only for EKRUJAHTA

P1-P2

2 core



communication

User interface

X3M: P1-P2

2 core
communication

User interface

Field supply

Only for EKRP1HBAA

2 core
220V - 240V1 core
220V - 240V1 core
220V - 240V1 core
220V - 240V2 core
220V - 240V2 core
220V - 240V2 core
220V - 240V2 core
Signal2 core
Signal2 core
Signal2 core
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Signal2 core
Signal2 core
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Signal2 core
Signal2 core
Signal2 core
220V - 240V1 core
220V - 240V1 core
220V - 240V1 core
220V - 240V2 core
220V - 240V2 core
220V - 240V2 core
220V - 240V2 core
Signal2 core
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Signal