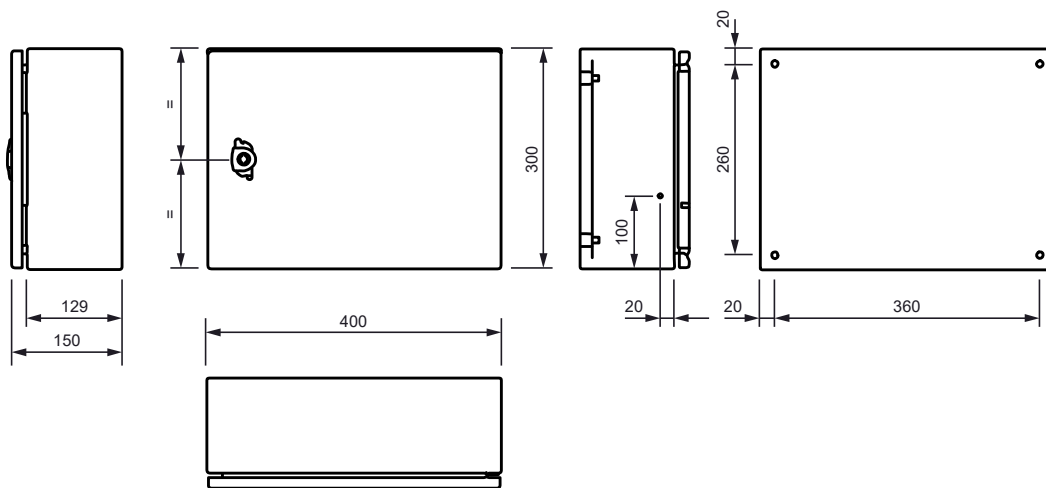


4.3 Dimensions – AHU Kit



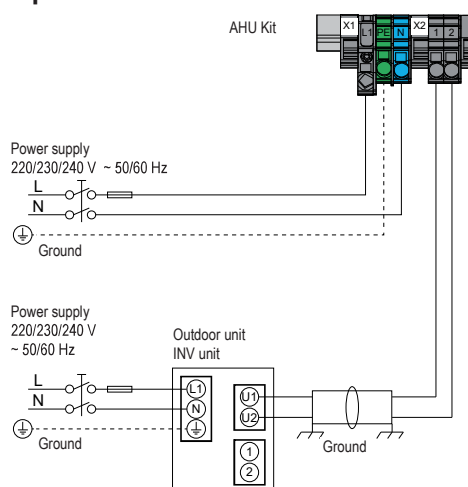
4.4 Technical specification – AHU Kit

PAW-P+100MAH4M technical data	Unit	Value
Power source	V / ph / Hz	220 ... 240 / 1 / 50
Rated current consumption	A	0,1
Rated power consumption (max.)	W	15
Dimensions (enclosure, W x H x D)	mm	400 x 300 x 150
Net weight (without valves)	kg	12.8
Ambient temperature (max.)	°C	45
Protection class	–	IP65

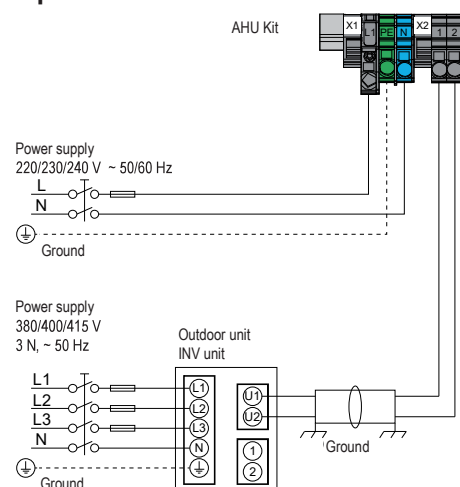
4.5 Power supply and connection cable between outdoor unit and AHU Kit

VRF 2-way outdoor unit (ECOi ME2 / MZ1, Mini ECOi LE1 / LE2 / LZ2)

1-phase outdoor unit



3-phase outdoor unit



Outdoor unit	For information on the circuit breaker, power supply cable and other details, refer to the installation instructions of the relevant outdoor unit		
AHU Kit	Circuit breaker	Power supply cable	Inter-unit control wiring (between outdoor and indoor units)
	10 A *1	0.75 mm ² **2 (min.)	0.75 mm ² *3 / max. 1000 m or 2.0 mm ² *3 / max. 2000 m

*1 Circuit breaker must be incorporated in the fixed wiring in accordance with the wiring regulations.
*2 Use a shielded cable for the control cable. Overall extension less than 1000 m.
*3 Use shielded wiring.

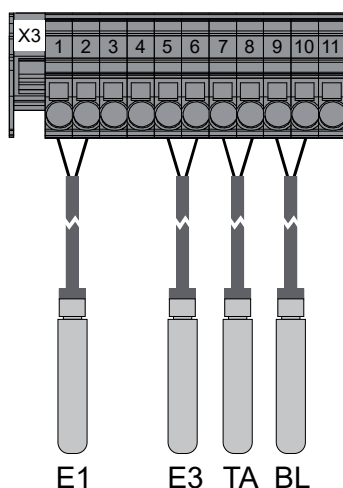
Note:

In case of a potential difference between outdoor unit housing and AHU kit housing, please connect the shield wire only to one side, not to both sides.

4.6 Temperature probes (wiring connection)

The enclosed temperature sensors are NTC probes.

The probes must be connected to the terminals provided in terminal block X3 as shown below.



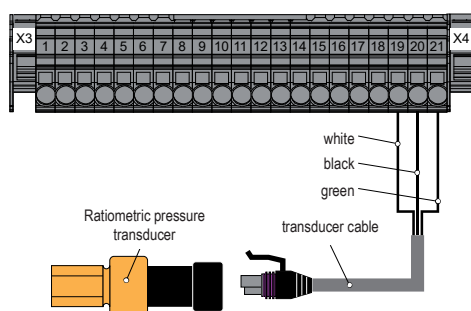
	Name	Block	Terminal
E1	Thermistor for liquid pipe	X3	1 – 2
E3	Thermistor for gas pipe	X3	5 – 6
TA	Thermistor for suction air	X3	7 – 8
BL	Thermistor for discharge air	X3	9 – 10

4

4.7 Ratiometric pressure transducer

The ratiometric pressure transducer has a pressure sensing range of 0 to 45 bar.

The transducer must be connected to the terminals provided in terminal block X3 as shown below.



	Name	Block	Terminal
1	Pressure sensor – white	X3	19
2	Pressure sensor – black	X3	20
3	Pressure sensor – green	X3	21

4.8 Accessory Expansion valve (wiring connection)

The coil of the expansion valve is to be connected directly to the controller.

To make the connection, plug the cable connector of the expansion valve into slot J7 on the built-in controller as shown below.