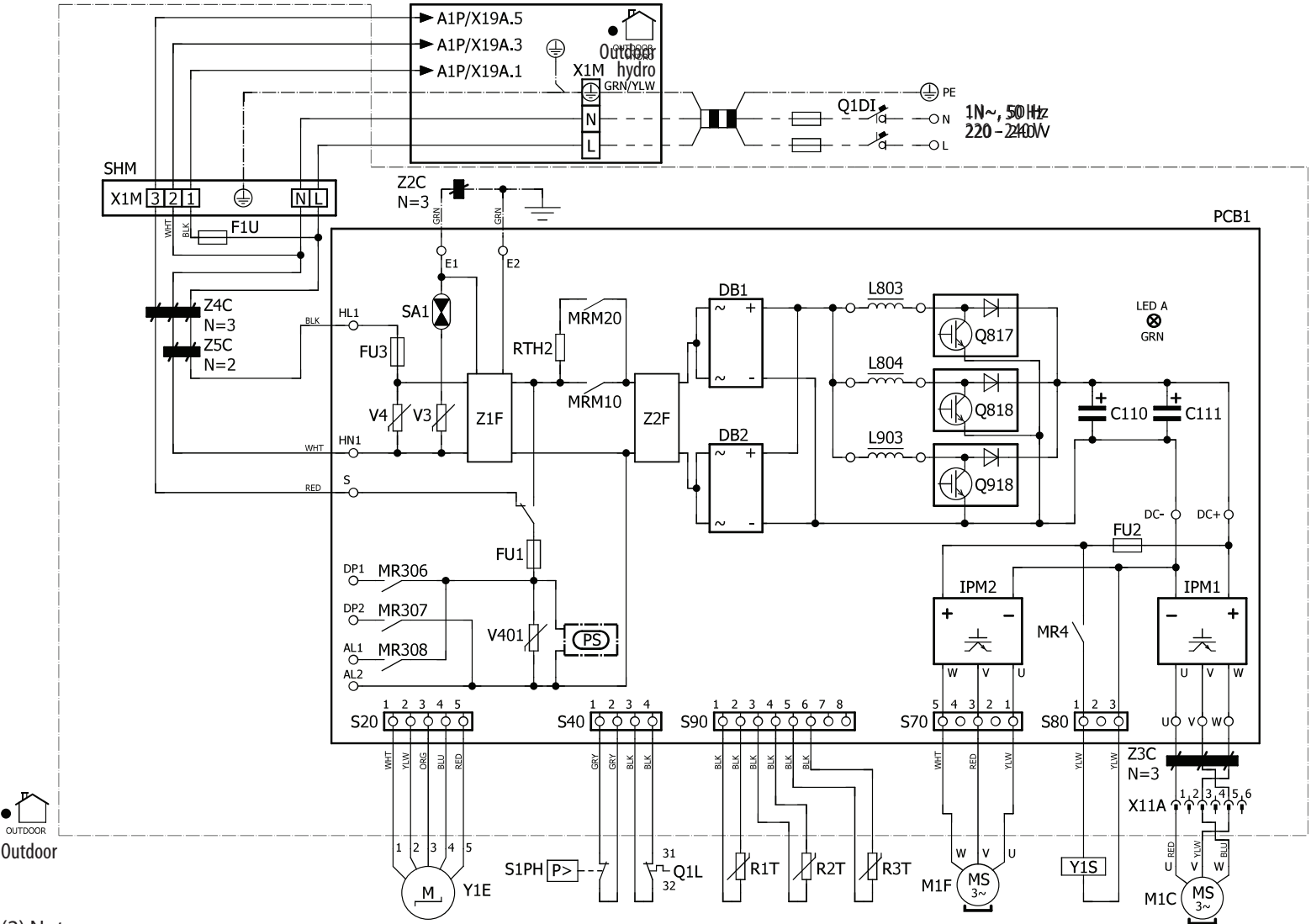


(1) Connection diagram



(2) Notes

- : Connection
- : Main terminal
- : Earth wiring
- : Field supply
- : Option
- : switch box
- : PCB
- : Wiring depending on model
- : Protective earth
- : Field wire

NOTES

1. When operating, do not short-circuit protection device(s) S1PH and Q1L.
2. Colours: BLK: black; RED: red; BLU: blue; WHT: white; GRN: green; YLW: yellow

(3) Legend

* : optional #: field supply

Part n°	Description	Part n°	Description
A1P	Hydro kit main PCB	Q1L	Thermal protector
AL	* Connector	Q1DI	# Earth leakage circuit breaker
C	* Capacitor	Q	* Insulated gate bipolar transistor (IGBT)
DB	* Rectifier bridge	R1T	Thermistor (air)
DC	* Connector	R2T	Thermistor (heat exchanger)
DP	* Connector	R3T	Thermistor (discharge)
E	* Connector	RTH2	Resistor
F1U	Fuse T 6.3 A 250 V	S	Connector
FU1, FU2	Fuse T 3.15 A 250 V	S1PH	High pressure switch
FU3	Fuse T 30 A 250 V	S2~80	Connector
H	* Connector	SA1	Surge arrester
IPM	* Intelligent power module	SHM	Terminal strip fixed plate
L	Connector	U, V, W	Connector
LED A	Pilot lamp	V3, V4, V401	Varistor
L	* Reactor	X*A	Connector
M1C	Compressor motor	X*M	Terminal strip
M1F	Fan motor	Y1E	Electronic expansion valve
MR	* Magnetic relay	Y1S	Solenoid valve (4-way valve)
N	Connector	Z*C	Noise filter (ferrite core)
PCB1	Printed circuit board (main)	Z*F	Noise filter
PS	Switching power supply		