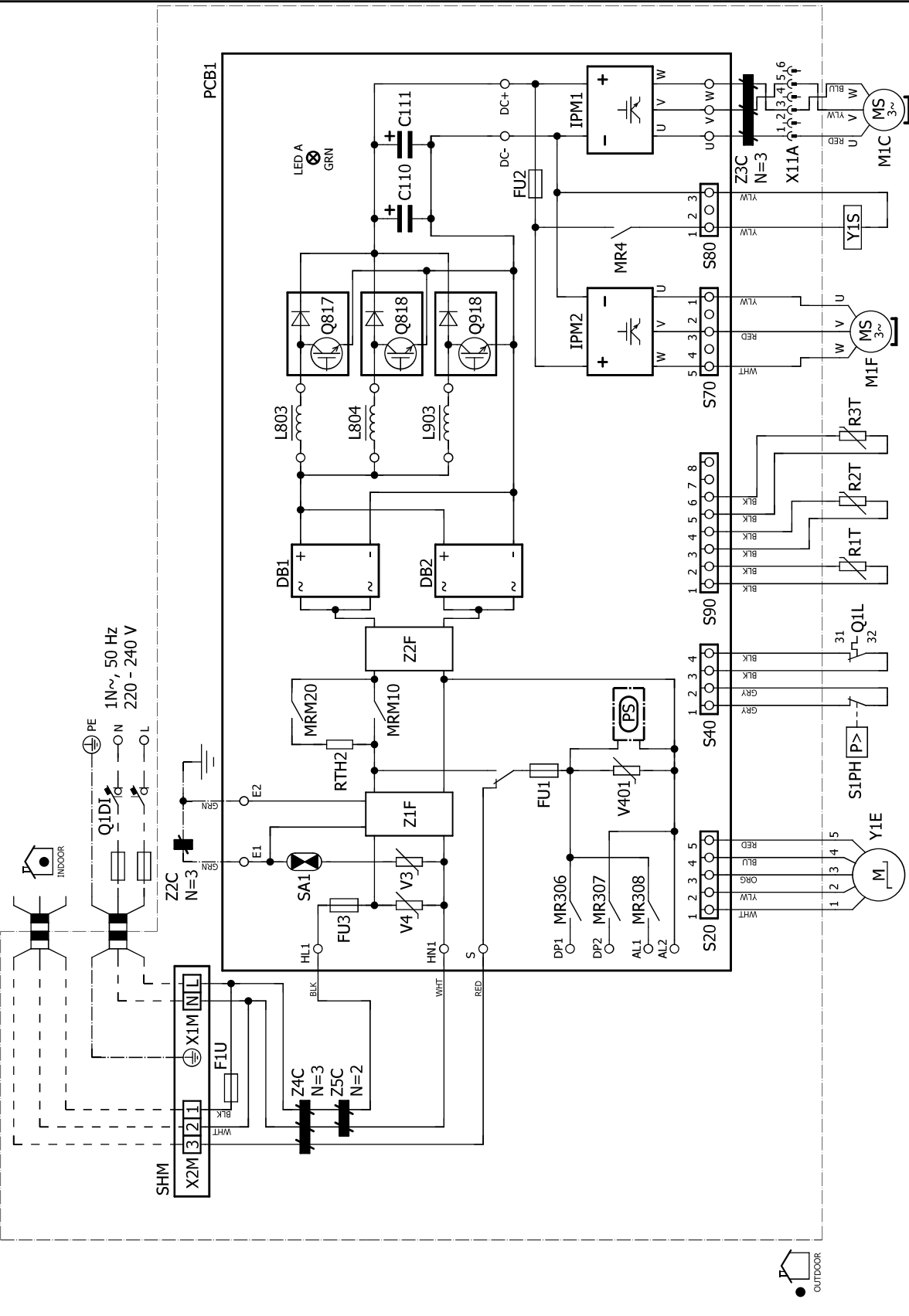


(3) Legend

| Part n° | Description |
|--------------|--|
| AL* | Connector |
| C* | Capacitor |
| DB* | Rectifier bridge |
| DC* | Connector |
| DP* | Connector |
| E* | Connector |
| FU1, FU2 | Fuse T 3,15 A 250 V |
| FU3 | Fuse T 30 A 250 V |
| H* | Connector |
| IPM* | Intelligent power module |
| L | Connector |
| LED A | Pilot lamp |
| L* | Reactor |
| MIC | Compressor motor |
| MLF | Fan motor |
| MR* | Magnetic relay |
| N | Connector |
| PCB1 | Printed circuit board (main) |
| PS | Switching power supply |
| Q1L | Thermal protector |
| Q1DI | Earth leakage circuit breaker |
| Q* | Insulated gate bipolar transistor (IGBT) |
| R1T | Thermistor (air) |
| R2T | Thermistor (heat exchanger) |
| R3T | Thermistor (discharge) |
| RTH2 | Resistor |
| S | Connector |
| S1PH | High pressure switch |
| S2~80 | Connector |
| SA1 | Surge arrester |
| SHM | Terminal strip fixed plate |
| U, V, W | Connector |
| V3, V4, V401 | Varistor |
| X*A | Connector |
| X*M | Terminal strip |
| Y1E | Electronic expansion valve |
| Y1S | Solenoid valve (4-way valve) |
| Z*C | Noise filter (ferrite core) |
| Z*F | Noise filter |

(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:
- When operating, do not short-circuit protection device(s) S1PH and Q1L.
 - Refer to the combination table and the option manual for how to connect the wiring to X6A, X28A and X77A.
 - Colours: BLK:black; RED:red; BLU:blue; WHT:white; GRN:green; YLW:yellow