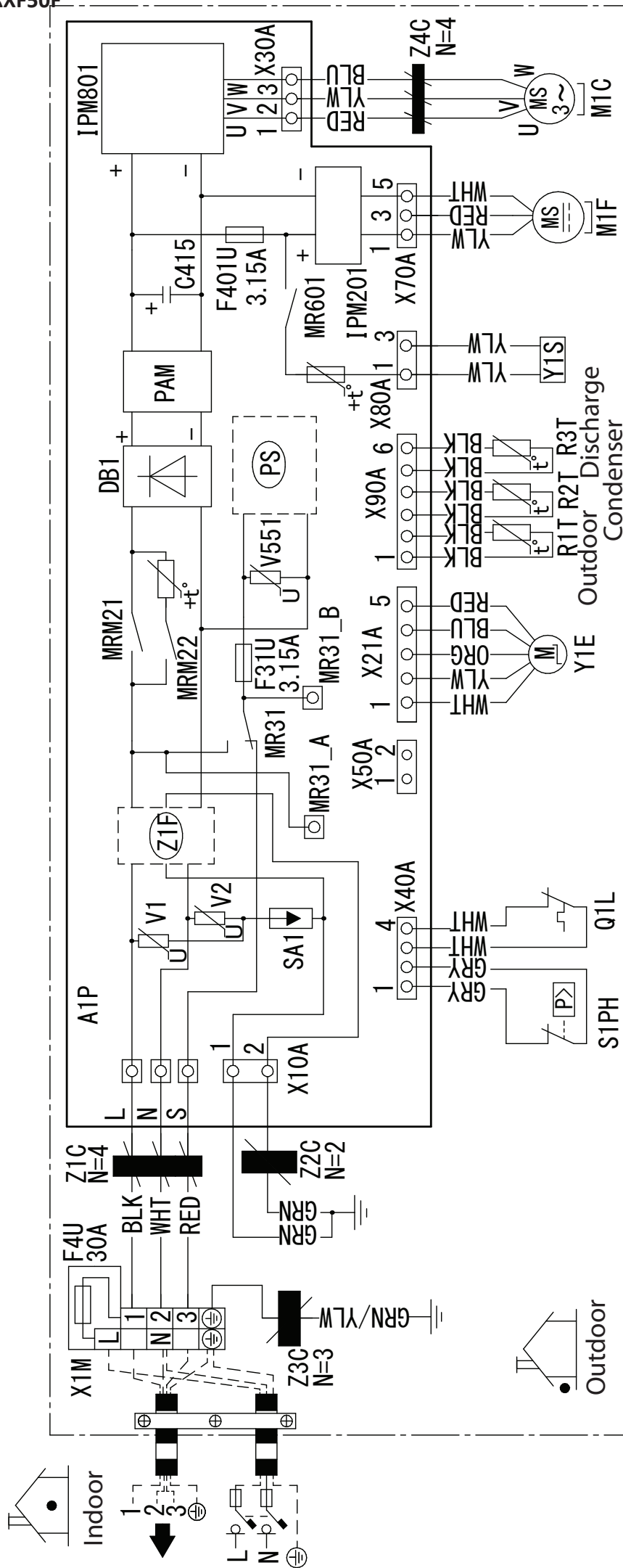


Wiring diagram

For the power requirements, refer to the nameplate



A1P	Printed circuit board
C415	Capacitor
DB1	Diode bridge
IPM201, IPM801	Intelligent power module
L	Live
M1C	Compressor motor
M1F	Fan motor
N	Neutral
PAM	Pulse-amplitude modulation
PS	Switching power supply
Q1L	Overload protector
S1PH	High pressure switch
SA1	Surge arrester
X1M	Terminal strip
Y1E	Electronic expansion valve coil
Y1S	Reversing solenoid valve coil
F4U, F31U, F401U	Fuse
MRM21, MRM22, MR31, MR601,	Magnetic relay
R1T, R2T, R3T	Thermistor
X10A, X21A, X30A, X40A, X50A, X70A, X80A, X90A	Connector
V1, V2, V551	Varistor
Z1C, Z2C, Z3C, Z4C	Ferrite core
S, MR31_A, MR31_B	Connection
Z1F	Noise filter

- BLK : Black
 WHT : White
 BRN : Brown
 RED : Red
 GRN : Green
 YLW : Yellow
 ORG : Orange
 BLU : Blue
 GRY : Grey
 ⊕ : Protective earth
 ⊥ : Earth
- : Field wiring