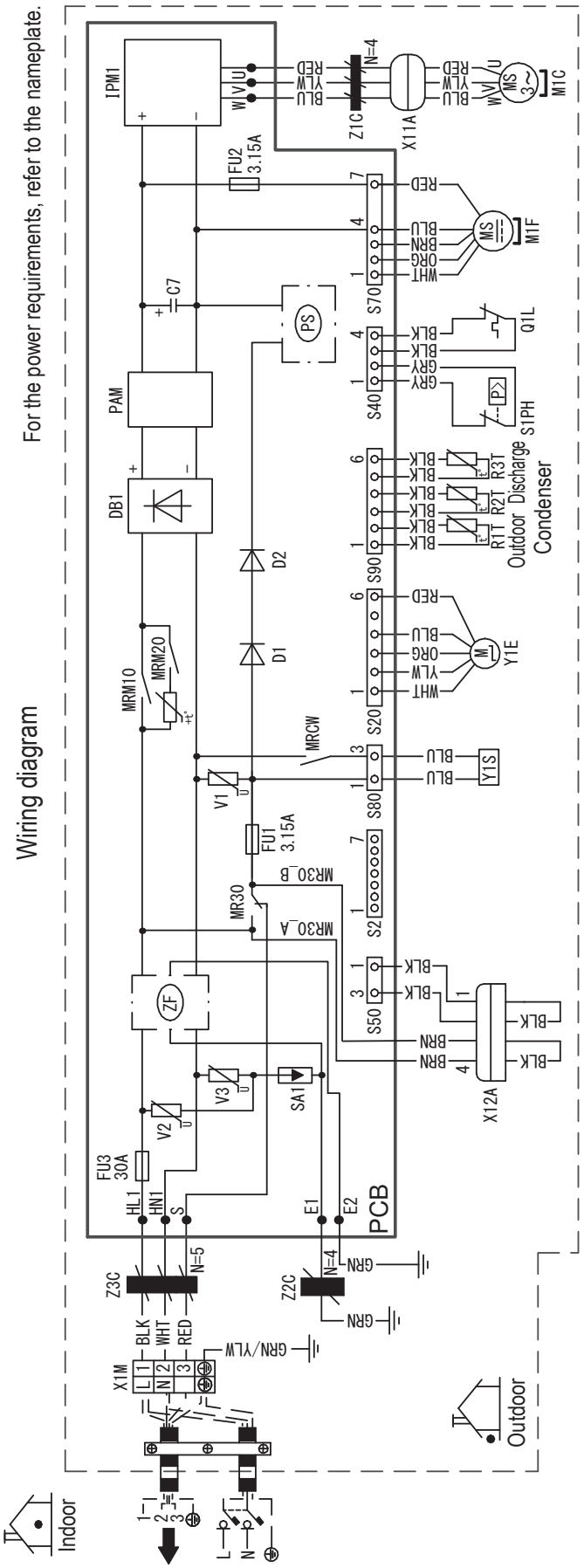
Wiring diagram

For the power requirements, refer to the nameplate.



C7	Capacitor
D1, D2	Diode
DB1	Diode bridge
E1, E2, HL1, HN1, S, U, V, W	Connection
FU1, FU2, FU3	Fuse
IPM1	Intelligent power module
L	Live
M1C	Compressor motor
M1F	Fan motor
MR30, MRCW, MRM10, MRM20	Magnetic relay
N	Neutral
N=4, N=5	Number of passes
PAM	Pulse-amplitude modulation
PCB	Printed circuit board
PS	Switching power supply
Q1L	Overload protector
R1T, R2T, R3T	Thermistor
S1PH	High pressure switch
S2, S20, S40, S50, S70, S80, S90	Terminal connector
SA1	Surge arrestor
V1, V2, V3	Varistor
X11A, X12A	Connector
X1M	Terminal strip
Y1E	Electronic expansion valve coil
Y1S	Reversing solenoid valve coil
Z1C, Z2C, Z3C	Ferrite core
ZF	Noise filter

⏚ : Protective earth

⏚ : Earth

▬ : Field wiring

WIRE COLORS

BLK : Black
BLU : Blue
BRN : Brown
GRN : Green
GRY : Grey
ORG : Orange
RED : Red
WHT : White
YLW : Yellow

NOTES

1. Size: 105 x 185
2. Refer to purchasing specification AS(Y)303002, unless otherwise specified.