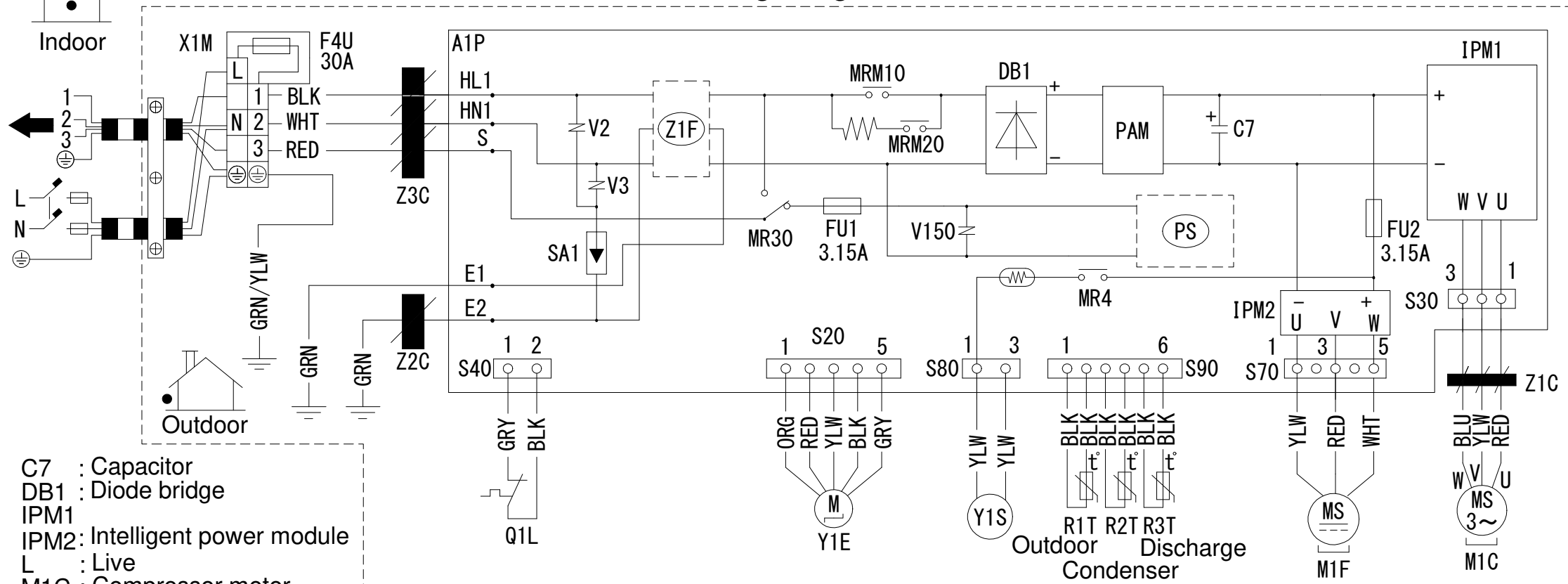


Wiring diagram

For the power requirements, refer to the nameplate.



- C7 : Capacitor
DB1 : Diode bridge
IPM1
IPM2: Intelligent power module
L : Live
M1C : Compressor motor
M1F : Fan motor
N : Neutral
PAM : Pulse-amplitude modulation
A1P : Printed circuit board
PS : Switching power supply
Q1L : Overload protector
SA1 : Surge arrestor
X1M : Terminal strip
Y1E : Electronic expansion valve coil
Y1S : Reversing solenoid valve coil

- | | |
|-----------------|------------------|
| FU1,FU2,F4U | : Fuse |
| MR4,MR30 | |
| MRM10,MRM20 | : Magnetic relay |
| R1T,R2T,R3T | : Thermistor |
| S20,S30,S40,S70 | |
| S80,S90,X11A | : Connector |
| V2,V3,V150 | : Varistor |
| Z1C,Z2C,Z3C | : Ferrite core |
| Z1F | : Noise filter |

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

- ⊕ : Protective earth
⊥ : Earth

Notes

1. Size: 140 x 80
2. Refer to purchasing specification AS303002, unless otherwise specified.