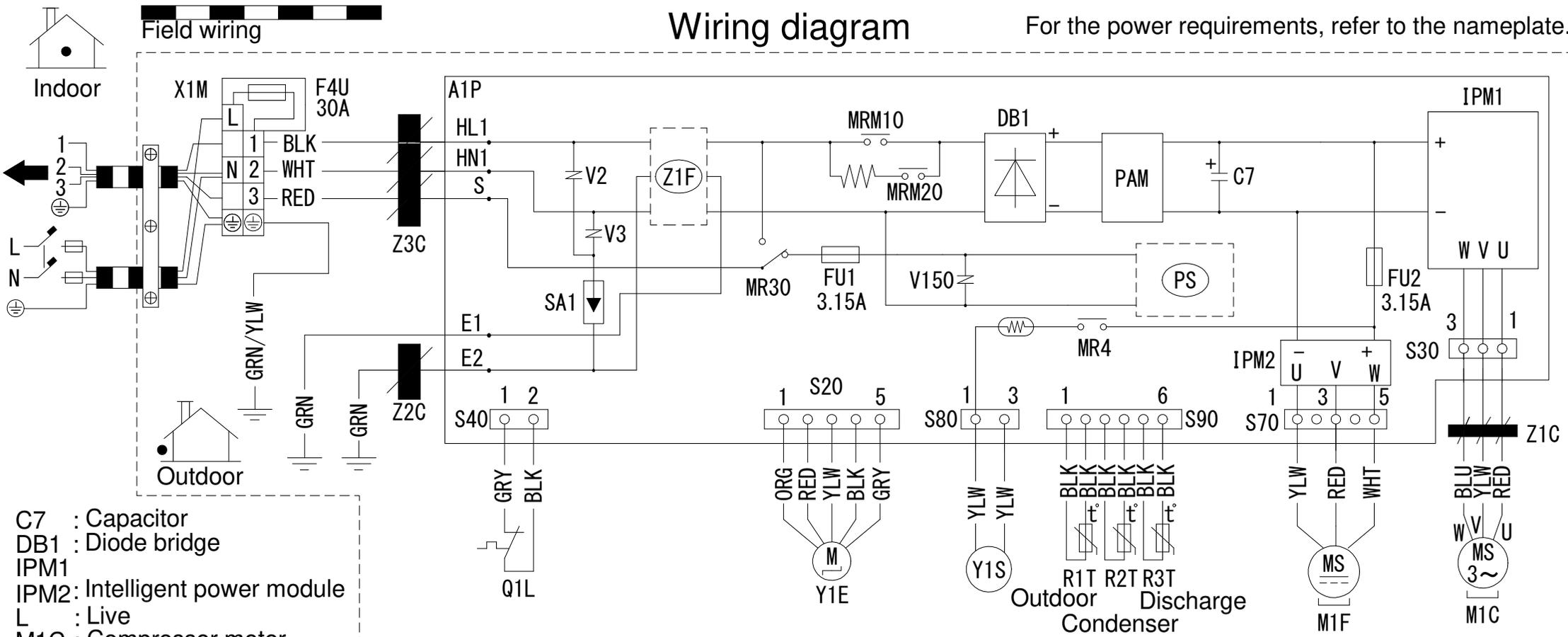


**RXA20-35A9**  
**RXJ20-35M9**

# 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 arrester
- X1M : Terminal strip
- Y1E : Electronic expansion valve coil
- Y1S : Reversing solenoid valve coil

- FU1, FU2, F4U : Fuse
- MR4, MR30 : Magnetic relay
- R1T, R2T, R3T : Thermistor
- S20, S30, S40, S70 : Connector
- 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.