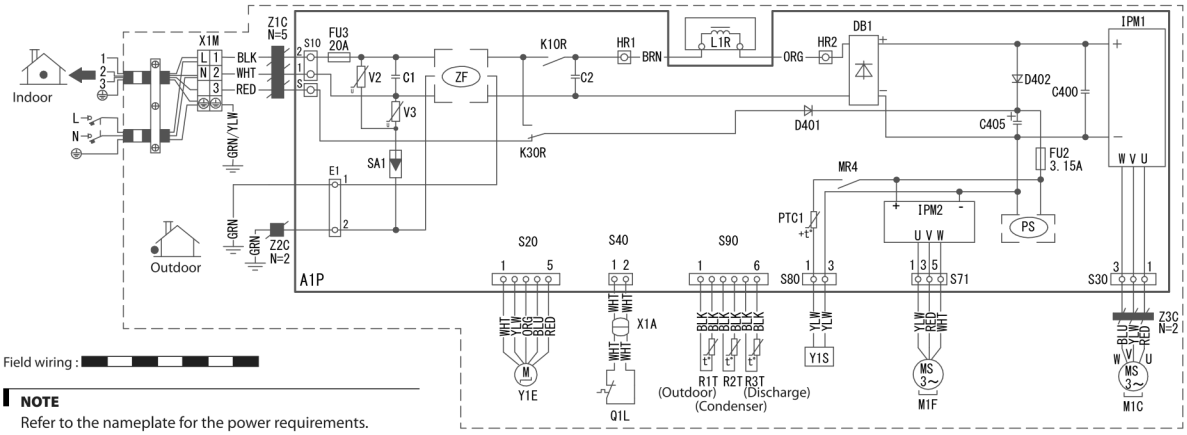
8 Wiring diagrams

8 - 1 Wiring Diagrams - Three Phase

8

RXP20-35N

Wiring diagram



NOTE

Refer to the nameplate for the power requirements.

Wire colors

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

C1, C2, C400, C405	Capacitor
D401, D402	Diode
DB1	Diode bridge
FU2, FU3	Fuse
IPM1, IPM2	Intelligent power module
L1R	Reactor
M1C	Compressor motor
M1F	Fan motor
K30R, K10R, MR4	Magnetic relay
A1P	Printed circuit board
PS	Switching power supply
Q1L	Overload protector
R1T, R2T, R3T	Thermistor

SA1	Surge arrester
S, S10, S20, S30, S40, S71, S80, S90, E1, HR1, HR2, X1A	Connector
V2, V3	Varistor
X1M	Terminal strip
Y1S	Reversing solenoid valve coil
PTC1	Thermistor PTC
Y1E	Electronic expansion valve coil
Z1C, Z2C, Z3C	Ferrite core
ZF	Noise filter
⊕	Protective earth
⏚	Earth

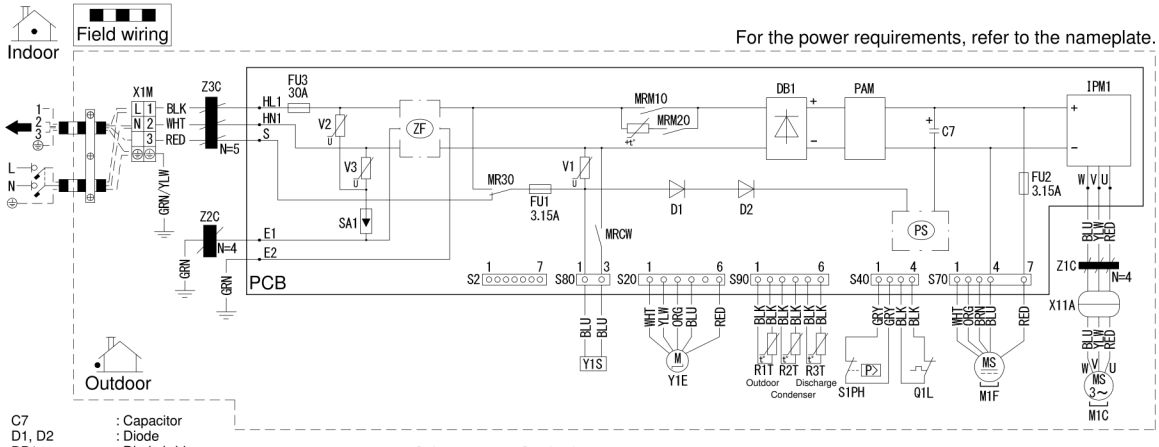
NOTES

1. Size : lenght 140 x height 80
2. Refer to purchasing specification AS303002, unless otherwise specified.
3. This drawing was drawn on cad system.
4. Refer to the "cad03919-3d134368-1-wiring-diagram-210406.ai" formatted file unless otherwise specified.

3D134368

RXP50-71N

Wiring diagram



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, S70, S80, S90 : Terminal connector
SA1 : Surge arrestor
V1, V2, V3 : Varistor
X11A : Connector
X1M : Terminal strip
Y1E : Electronic expansion valve coil
Y1S : Reversing solenoid valve coil
Z1C, Z2C, Z3C : Ferrite core
ZF : Noise filter
⊕ : Earth
⏚ : Protective earth

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

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