

Field wiring

BLK

:

Black

BLU

:

Blue

BRN

:

Brown

GRN

:

Green

GRY

:

Grey

ORG

:

Orange

YLW

:

Yellow

RED

:

Red

A1P

Printed circuit board

C7,C8

Capacitor

F1U, F2U, F3U, F4U

Fuse

K4R, K10R, K20R, K30R

Magnetic relay

L

Live

L1R,L2R

Reactor

M1C

Compressor motor

M1F

Fan motor

N

Neutral

N=2,N=4,N=5

Number of passes

PS

Switching power supply

Q1M

Overload protector

R1T~R5T

Thermistor

S1PH

High pressure switch

V821D, V822D

Diode

V817T, V818T

IGBT

V2R, V3R

Intelligent power module

V1R

Diode bridge

X1M

Terminal strip

X1A~X900A

Connector

Y1E

Electronic expansion valve coil

Y1S

Reversing solenoid valve coil

Z1C, Z2C, Z3C

Ferrite core

Z1F, Z2F

Noise filter

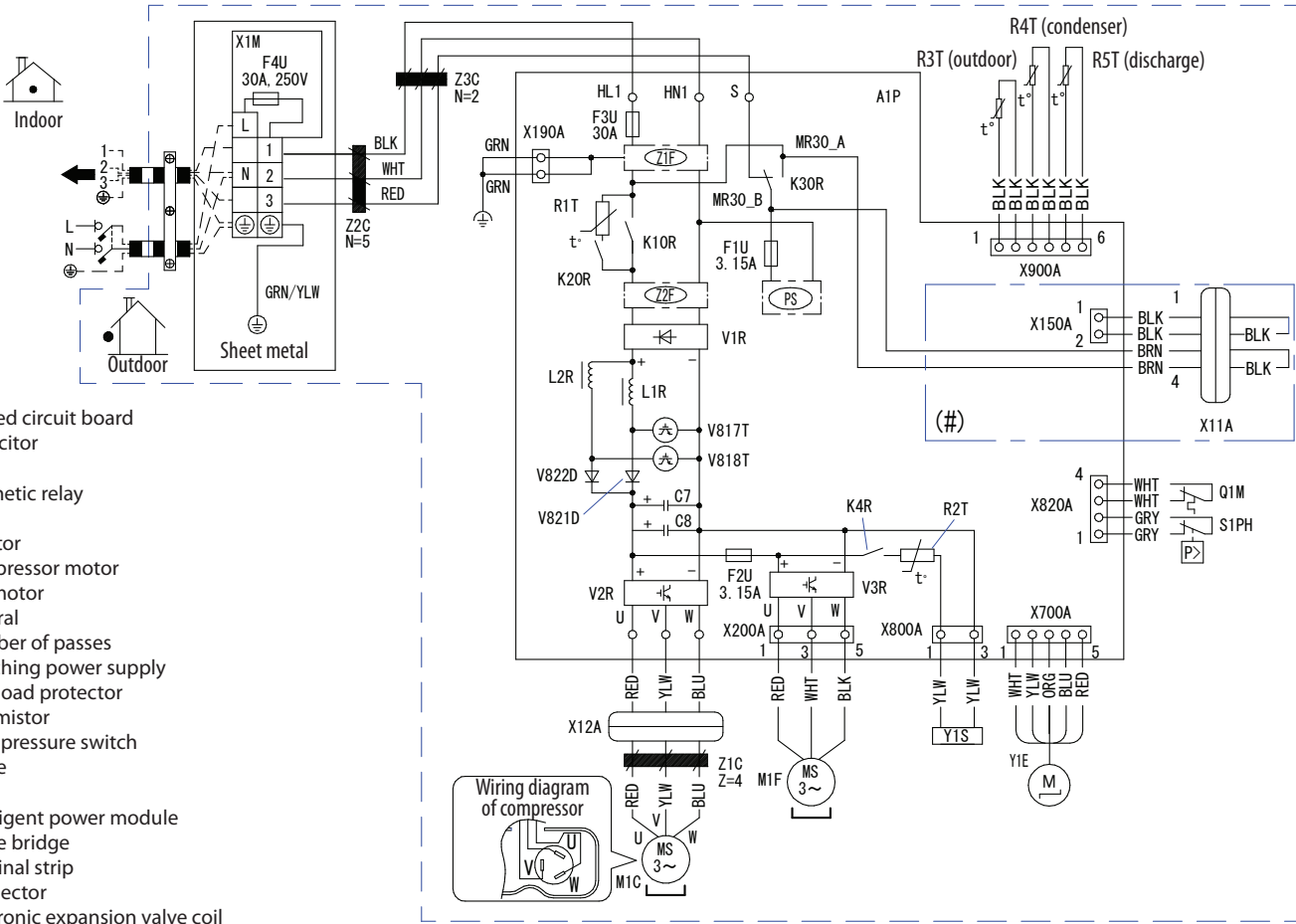
⊕

Protective earth

⏚

Noiseless earth

Wiring diagram



NOTES

1. Refer to the nameplate for the power requirements.
2. Do not remove or replace fuse when the units are energized.
3. (#) Only for the units with the suspend connector specified in the installation manual.