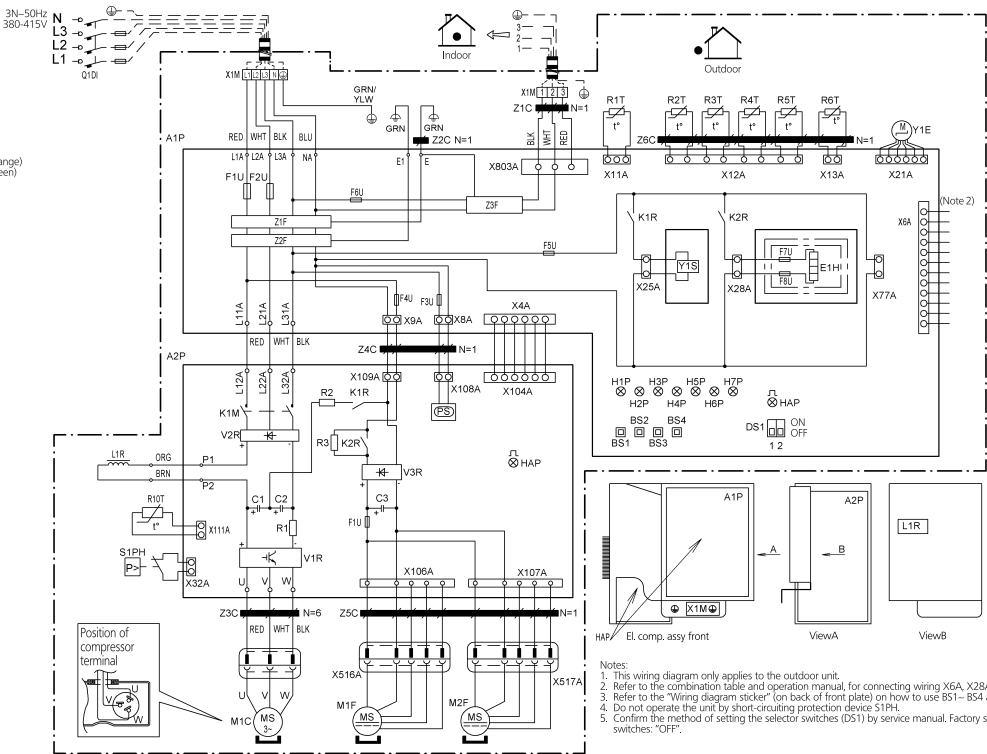


RZQG100-140L(8)Y1

- A1P : Printed circuit board
A2P : Printed circuit board (Inverter)
BS1-BS2 : Push button switch
C1-C3 : Capacitor
DS1 : Dip switch
E1H : Bottomplate heater (Option)
F1U : Fuse (31.5A / 250V)
F2U : Fuse (31.5A / 250V)
F3U-F6U : Fuse (T 6.3A / 250V)
F7U/F8U : Fuse (F 1.0A / 250V)
F1U (A2P) : Fuse (F 5.0A / 250V)
H1P-H7P : Light emitting diode (service monitor orange)
H4P(A1P,A2P) : Light emitting diode (service monitor green)
K1M : Magnetic contactor
K1R (A1P) : Magnetic relay
K1R (A2P) : Magnetic relay
K2R (A1P) : Magnetic relay (E1H Option)
K2R (A2P) : Magnetic relay
L1R : Reactor
M1C : Motor (compressor)
M1F : Motor (fan) (upper)
M2F : Motor (fan) (lower)
PS : Switching power supply
Q1D1 : Earth leakage breaker (30mA)
R1-R3 : Resistor
R1T : Thermistor (Air)
R2T : Thermistor (discharge)
R3T : Thermistor (Suction)
R4T : Thermistor (Heat exchanger)
R5T : Thermistor (heat exchanger middle)
R6T : Thermistor (liquid)
R10T : Thermistor (fin)
S1PH : Pressure switch (High)
V1R : IGBT Power module
V2R/V3R : Diode module
X6A : Connector (Option)
X1M : Terminal strip
Y1E : Electronic expansion valve
Y1S : Solenoid valve (4 way valve)
Z1C-Z6C : Noise filter (ferrite core)
Z1F-Z3F : Noise filter

- L: Live
N: Neutral
Field wiring
Protective earth (screw)
Noiseless earth
Terminal
Connection
Terminal strip
Connector
Relay connector
Option

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



- Notes:
1. This wiring diagram only applies to the outdoor unit.
2. Refer to the combination table and operation manual for connecting wiring X6A, X28A and X77A.
3. Refer to the "Wiring diagram sticker" (on back of front plate) on how to use BS1~BS4 and DS1 switch.
4. Do not operate the unit by short-circuiting protection device S1PH.
5. Confirm the method of setting the selector switches (DS1) by service manual. Factory setting of all switches: "OFF".