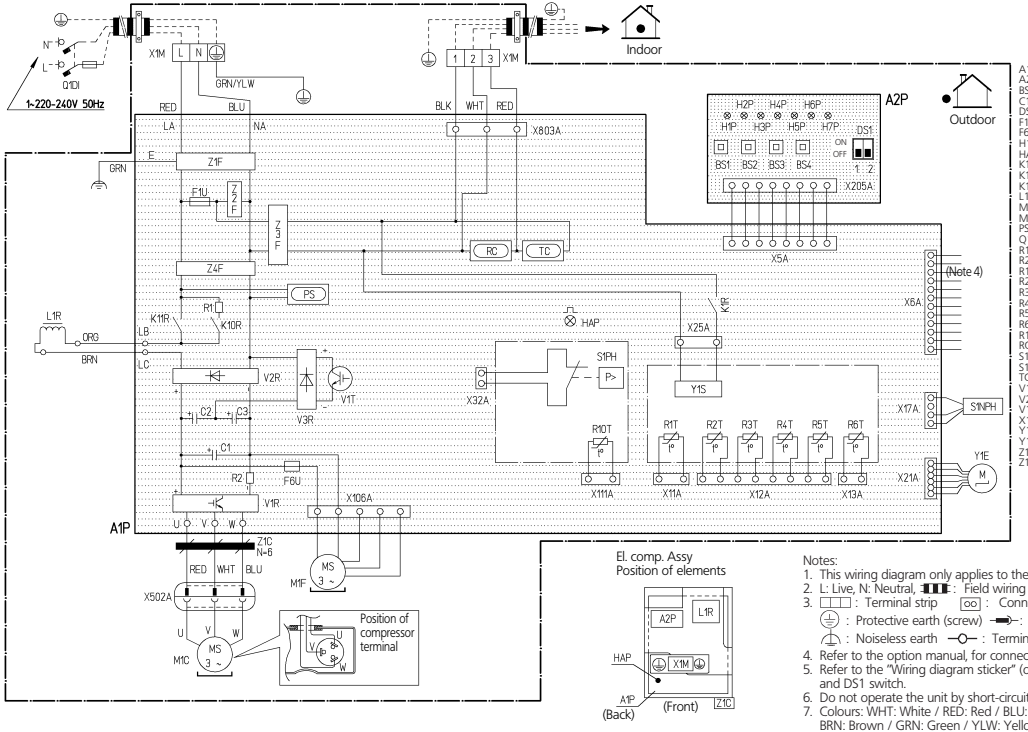
RZQS71DV1



A1P	: Printed circuit board (Main)
A2P	: Printed circuit board (Inverter)
BS1–BS4	: Push button switch
C1–C3	: Capacitor
DS1	: Dip switch
F1U	: Fuse (T 6.3A / 250V)
F6U	: Fuse (T 3.15A / 250V)
H1P–7P (A2P)	: Light emitting diode (service monitor orange)
HAP (A1P)	: Light emitting diode (service monitor green)
K1R	: Magnetic relay (Y1S)
K10R	: Magnetic relay
K11R	: Magnetic relay
L1R	: Reactor
M1C	: Motor (compressor)
M1F	: Motor (fan)
PS	: Switching power supply
Q1DI	: Field earth leakage breaker (30mA)
R1	: Resistor
R2	: Resistor
R1T	: Thermistor (air)
R2T	: Thermistor (discharge)
R3T	: Thermistor (Suction)
R4T	: Thermistor (Heat exchanger)
R5T	: Thermistor (Thermistor (heat exchanger middle))
R6T	: Thermistor (liquid)
R10T	: Thermistor (fin)
RC	: Signal receiver circuit
S1NPH	: Pressure sensor
S1PH	: Pressure switch (High)
TC	: Signal transmission circuit
V1R	: Power module
V2R,V3R	: Diode module
V1T	: IGBT
X1M	: Terminal strip (Power supply)
Y1E	: Electronic expansion valve
Y1S	: Solenoid valve (4 way valve)
Z1C	: Noise filter (ferrite core)
Z1F–Z4F	: Noise filter

Notes:
1. This wiring diagram only applies to the outdoor unit
2. L: Live, N: Neutral, ▮▮▮: Field wiring
3. □□□: Terminal strip ⊙⊙: Connector —●—: Connection
   ⏚: Protective earth (screw) —▬—: Relay connector
   ⏚: Noiseless earth —○—: Terminal
4. Refer to the option manual, for connecting wiring to x6A.
5. Refer to the "Wiring diagram sticker" (on back of front plate) on how to use BS1~ BS4 and DS1 switch.
6. Do not operate the unit by short-circuiting protection device S1PH
7. Colours: WHT: White / RED: Red / BLU: Blue / ORG: Orange
   BRN: Brown / GRN: Green / YLW: Yellow
8. Confirm the method of setting the selector switches (DS1) by service manual.
   Factory setting of all switches: "OFF".