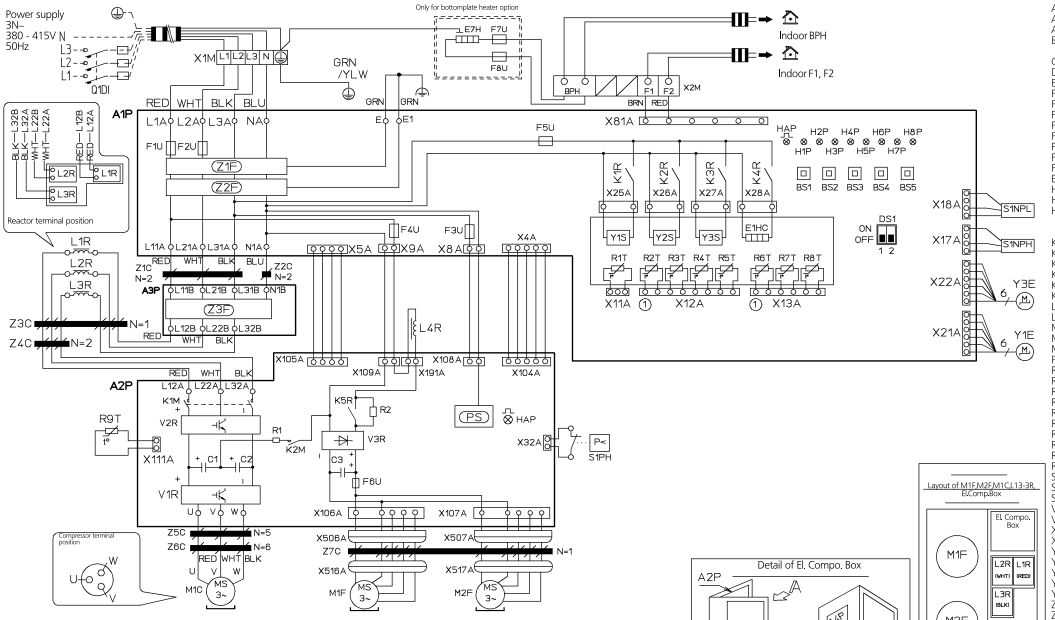
ERRQ-AY1



A1P	Printed circuit board
A2P	Printed circuit board (INV)
A3P	Printed circuit board (Noise filter)
BS1~BS5	Push button switch (Mode, set, return, test, reset)
C1~C3	Capacitor
DS1	DIP switch
E1HC	Crankcase heater
F1H	Fuse (A 31.5A 500V)
F2U	Fuse (A 31.5A 500V)
F3U	Fuse (T 6.3A / 250V)
F4U	Fuse (T 6.3A / 250V)
F5U	Fuse (T 6.3A / 250V)
F6U	Fuse (T 5.0A / 250V)
F7U	Fuse (T 1.0A / 250V)
F8U	Fuse (F 1.0A / 250V)
E7H	Bottom plate heater
HAP (A1P)	Pilot lamp (Service monitor-green)
HAP (A2P)	Pilot lamp (Service monitor-green)
H1~8P(A1P)	Pilot lamp (Service monitor-orange) (H2P)Prepare, Test ---------- Flickering Malfunction Detection -- Light up
K1M~K2M	Magnetic contactor
K1R (A1P)	Magnetic relay (Y1S)
K2R (A1P)	Magnetic relay (Y2S)
K3R (A1P)	Magnetic relay (Y3S)
K4R (A1P)	Magnetic relay (E1HC)
K5R (A2P)	Magnetic relay
L1R~L3R	Reactor
L4R	Reactor (For outdoor fan motor)
M1C	Motor (Compressor)
M1F	Motor (Upper fan)
M2F	Motor (Lower fan)
P5	Power supply
R1~R2	Resistor
R1T	Thermistor (Air)
R2T	Thermistor (M1C Discharge)
R3T	Thermistor (Suction 1)
R4T	Thermistor (Subcool)
R5T	Thermistor (Suction 2)
R6T	Thermistor (Coil)
R7T	Thermistor (liquid 1)
R8T	Thermistor (liquid 2)
R9T	Thermistor (Power module)
S1NPH	Pressure sensor(high)
S1NPL	Pressure sensor(low)
S1PH	Pressure switch (high)
V1R~V2R	Power module
V3R	Diode module
X1M	Terminal strip
X2M	Terminal strip (Control)
Y1E	Expansion valve (Main)
Y3E	Expansion valve (Subcool)
Y1S	4 way valve
Y2S	Solenoid valve (hot gas)
Y3S	Solenoid valve (U/L circuit)
Z1C~7C	Noise filter
Z1F~3F	Noise filter
Q1DI	Field earth leakage breaker(300mA)

Notes:

1 This wiring diagram only applies to the outdoor unit
2 : Field wiring
3 : Terminal : Fixed connector : Movable connector
: Protective earth (screw) : Connector
: Noiseless earth : Terminal strip
4 When using the option adaptor, refer to the installation manual
5 Refer to the 'operation caution label' (on back of front plate) how to use BS1~BS5 and DS1 switch.
6 When operating, do not short circuit for protection device. (S1PH)
7 Colors BLU: blue, BRN: brown, GRN: green, RED: red, WHT:white
8 When using the central control system, connect outdoor-outdoor transmission F1-F2.
9 : Option