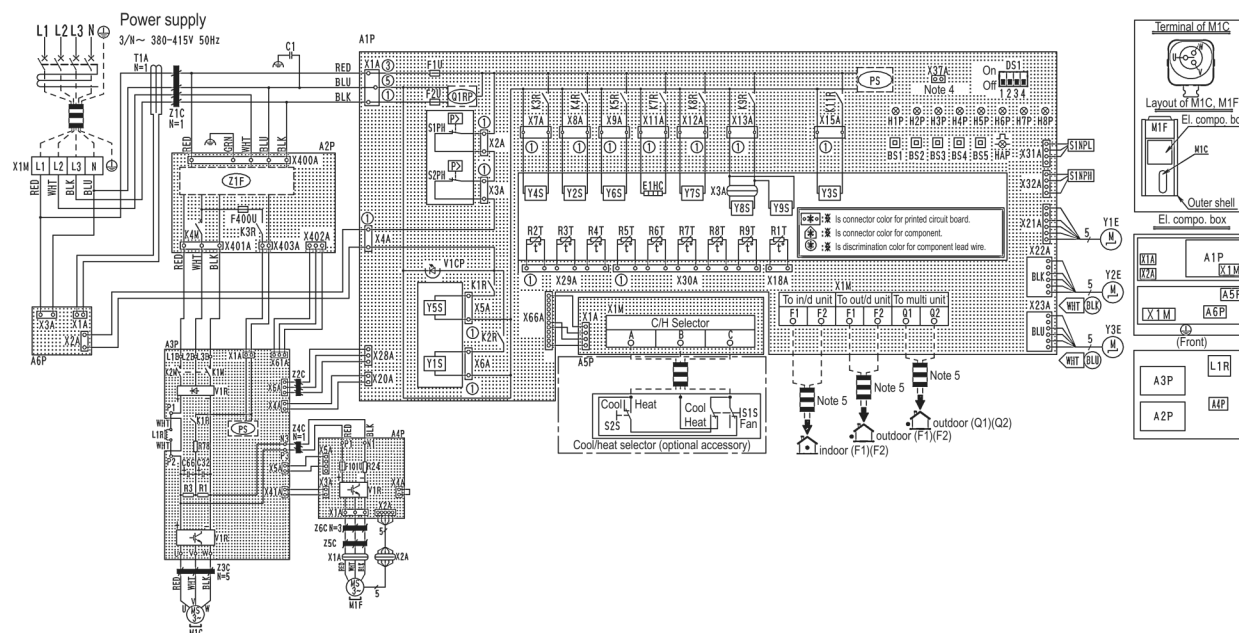


RQEQ-P3



A1P	Printed circuit board (main)	R3T	Thermistor (heat exc. liquid)
A2P	Printed circuit board (noise filter)	R4T	Thermistor (heat exc. gas pipe)
A3P	Printed circuit board (inv)	R5T	Thermistor (suction)
A4P	Printed circuit board (fan)	R6T	Thermistor (heatexc. deicer)
A5P	Printed circuit board (ABC I/P)	R7T	Thermistor (subcooling gas)
A6P	Printed circuit board (SUB)	R8T	Thermistor (subcooling liquid)
BS1~5	Push button switch (mode, set, return, test, reset)	R9T	Thermistor (liquid)
C1	Capacitor	S1NPH	Pressure sensor (high)
C32,C66	Capacitor	S1NPL	Pressure sensor (low)
DS1	Dip switch	S1PH	Pressure switch (high)
E1HC	Crankcase heater	S2PH	Pressure switch (high)
F1U,F2U	Fuse (T, 3.15A, 250V) (A1P)	T1A	Current sensor (A6P)
F101U	Fuse (A4P)	V1CP	Safety devices input
F400U	Fuse (T, 6.3A, 250V) (A2P)	V1R	Diode bridge (A3P)
H1P~8P	Pilotlamp (service monitor-orange)	V1R	Power module (A3P)
	[H2P] Prepare, test	V1R	Power module (A4P)
	Malfunction detection	X1A, X2A	Connector (M1F)
	Light up		
HAP	Pilotlamp (service monitor-green)	X3A	Relaying connector (Y8S)
K1M, K2M	Magnetic contactor (M1C) (A3P)	X1M	Terminal strip (power supply)
K4M	Magnetic contactor (M1C) (A2P)	X1M	Terminal strip (control) (A1P)
K1R	Magnetic relay (A3P)	X1M	Terminal strip (ABC I/P) (A5P)
K1R	Magnetic relay (Y5S)	Y1E	Electronic expansion valve (main)
K2R	Magnetic relay (Y1S)	Y2E	Electronic expansion valve (charge)
K3R	Magnetic relay (A2P)	Y3E	Electronic expansion valve (subcool)
K3R	Magnetic relay (Y4S)	Y1S	Solenoid valve (refrigerant regulator hot gas)
K4R	Magnetic relay (Y2S)	Y2S	Solenoid valve (refrigerant regulator liquid pipe)
K5R	Magnetic relay (Y6S)	Y3S	Solenoid valve (refrigerant regulator gas purge pipe)
K7R	Magnetic relay (E1HC)	Y4S	Solenoid valve (hot gas)
K8R	Magnetic relay (Y7S)	Y5S	Solenoid valve (oil)
K9R	Magnetic relay (Y8S, Y9S)	Y6S	Solenoid valve (4 way valve - heat exc.)
K11R	Magnetic relay (Y3S)	Y7S	Solenoid valve (4 way valve - piping)
L1R	Reactor	Y8S	Solenoid valve (4 way valve - mix)
M1C	Motor (compressor)	Y9S	Solenoid valve (mix in)
M1F	Motor (fan)	Z1C~6C	Noise filter (ferrite core)
PS	Switching power supply (A1P, A3P)	Z1F	Noise filter (with surge absorber)
Q1RP	Phase reversal detect circuit (A1P)		
R1,R3	Resistor (A3P)		
R24	Resistor (current sensor) (A4P)		
R78	Resistor (current limiting)	Cool/heat selector	
R1T	Thermistor (air) (A1P)	S1S	Selector switch (fan/cool • heat)
R2T	Thermistor (M1C discharge)	S2S	Selector switch (cool / heat)

1. This wiring diagram is applied only to the outdoor unit.
2. : field wiring.
3. : terminal strip, : connector, : terminal, : protective earth (screw), : Connector
4. When using the optional adapter, refer to the installation manual of the optional adapter.
5. For connection wiring to indoor-outdoor transmission F1•F2, outdoor-outdoor transmission F1•F2, refer to the installation manual.
6. How to use BS1~5 and DS1 switch, refer to "service precaution" label on el. compo. box cover.
7. When operating, don't shortcircuit the protection device (S1PH, S2P).
8. Colors BLK: BLACK, RED: RED, BLU: BLUE, WHT: WHITE, PNK: PINK, YLW: YELLOW, BRN: BROWN, GRY: GRAY, GRN: GREEN, ORG: ORANGE