



A1P ~ A5P	Printed circuit board	K3R	Magnetic relay (Y15)	S1NPL	Pressure sensor (Low)
A1P	Printed circuit board (Main)	K4R	Magnetic relay (Y25)	S1PH	Pressure switch (High)
A2P	Printed circuit board (Noise filter)	K5R	Magnetic relay (Y35)	SD1	Safety devices input
A3P	Printed circuit board (Inverter)	K7R	Magnetic relay (E1HC)	V1R	Power module (A4P)
A4P	Printed circuit board (Fan)	K11R	Magnetic relay (Y45)	V1R, V2R	Power module (A3P)
A5P	Printed circuit board (ABC I/P)	L1R	Reactor	X1A, X2A	Connector (M1F)
B51 ~ B55	Push button switch (Mode, Set, Return, Test, Reset)	M1C	Motor (Compressor)	X1M	Terminal strip (Power supply)
C1	Capacitor	M1F	Motor (Fan)	X1M	Terminal strip (Control) (A1P)
C63, C66	Capacitor	PS	Switching power supply (A1P, A3P)	X1M	Terminal strip (ABC I/P) (A5P)
DS1, DS2	Dip switch	Q1RP	Phase reversal detect circuit	Y1E	Electronic expansion valve (VMain)
E1HC	Crankcase heater	Q1DI	Earth leakage breaker	Y15 ~ Y45	Solenoid valve
F1U	Fuse (250V, 8A, $\text{\textcircled{B}}$) (A4P)	R10	Resistor (Current sensor) (A4P)	Y15	Solenoid valve (Hot gas)
F1U, F2U	Fuse (250V, 3.15A, $\text{\textcircled{D}}$) (A1P)	R50, R59	Resistor	Y25	Solenoid valve (Oil return)
F5U	Field Fuse	R95	Resistor (Current limiting)	Y35	Solenoid valve (4 way valve)
F400U	Fuse (250V, 6.3A, $\text{\textcircled{D}}$) (A2P)	R11 ~ R6T	Thermistor	Y45	Solenoid valve (Injection)
H1P ~ H8P	Pilot lamp (Service monitor-orange) [H2P] Prepare, test flickering Malfunction detection light up	R1T	Thermistor (Air) (A1P)	Z1C ~ Z3C	Noise filter (Ferrity core)
HAP	Pilot lamp (Service monitor-green)	R1T	Thermistor (Fin) (A3P)	Z1F	Noise filter (With surge absorber)
K1	Magnetic relay	R2T	Thermistor (Suction)		
K2	Magnetic contactor (M1C)	R3T	Thermistor (M1C Discharge)		
K3R ~ K11R	Magnetic relay	R4T	Thermistor (Heat exchanger deicer)	S15	Selector switch (Fan/cool - heat)
		R5T	Thermistor (Liquid pipe)	S25	Selector switch (Cool - heat)
		R6T	Thermistor (Accumulator)		
		S1NPH	Pressure sensor (High)		

- : Field wiring
- : Connector
- : Terminal
- : Terminal strip
- : Protective earth (screw)

- COLORS :
- BLK : Black
 - BRN : Brown
 - GRY : Grey
 - PNK : Pink
 - WHT : White
 - BLU : Blue
 - GRN : Green
 - ORG : Orange
 - RED : Red
 - YLW : Yellow

NOTES

- 1 This wiring diagram only applies to the outdoor unit.
- 2 When using the option adaptor, refer to the installation manual.
- 3 Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1-F2, outdoor-outdoor transmission F1-F2 and on how to use B51 ~ B55 and DS1, DS2 switch.
- 4 Do not operate the unit by short-circuiting protection device S1PH.