



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)	L1R	Reactor	V1R, V2R	Power module (A3P)
A5P	Printed circuit board (ABC I/P)	M1C	Motor (Compressor)	X1A, X2A	Connector (M1F)
BS1 ~ BS5	Push button switch (Mode, Set, Return, Test, Reset)	M1F	Motor (Fan)	X1M	Terminal strip (Power supply)
C1	Capacitor	PS	Switching power supply (A1P, A3P)	X1M	Terminal strip (Control) (A1P)
C63, C66	Capacitor	Q1RP	Phase reversal detect circuit	X1M	Terminal strip (ABC I/P) (A5P)
DS1, DS2	Dip switch	Q1DI	Earth leakage breaker	Y1E	Electronic expansion valve (Main)
E1HC	Crankcase heater	R10	Resistor (Current sensor) (A4P)	Y2E	Electronic expansion valve (Subcool)
F1U, F2U	Fuse (250V, 8A, $\text{\textcircled{B}}$ ) (A4P)	R50, R59	Resistor	Y15 ~ Y35	Solenoid valve
F5U	Field Fuse	R95	Resistor (Current limiting)	Y15	Solenoid valve (Hot gas)
F400U	Fuse (250V, 6.3A, $\text{\textcircled{D}}$ ) (A2P)	R11 ~ R6T	Thermistor	Y2S	Solenoid valve (Oil return)
H1P ~ H8P	Pilot lamp (Service monitor-orange) [H2P] Prepare, test ..... flickering Malfunction detection .... light up	R1T	Thermistor (Air) (A1P)	Y3S	Solenoid valve (4 way valve)
HAP	Pilot lamp (Service monitor-green)	R2T	Thermistor (Fin) (A3P)	Z1C ~ Z3C	Noise filter (Ferrity core)
K1	Magnetic relay	R3T	Thermistor (Suction)	Z1F	Noise filter (With surge absorber)
K2	Magnetic contactor (M1C)	R4T	Thermistor (M1C Discharge)		
K3R ~ K7R	Magnetic relay	R5T	Thermistor (Heat exchanger deicer)		
		R6T	Thermistor (Heat exchanger outlet)	S1S	Selector switch (Fan/cool - heat)
		R7T	Thermistor (Liquid pipe)	S2S	Selector switch (Cool - heat)
		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**

- This wiring diagram only applies to the outdoor unit.
- When using the option adaptor, refer to the installation manual.
- Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1-F2, outdoor-outdoor transmission F1-F2 and on how to use BS1~BS5 and DS1, DS2 switch.
- Do not operate the unit by short-circuiting protection device S1PH.