



A1P	Printed circuit board (Main)	K3R	Magnetic relay (Y1S)	S1NPH	Pressure sensor (High)
A2P	Printed circuit board (Noise filter)	K4R	Magnetic relay (Y2S)	S1NPL	Pressure sensor (Low)
A3P	Printed circuit board (Inverter)	K5R	Magnetic relay (Y3S)	S1PH, S2PH	Pressure switch (High)
A4P	Printed circuit board (Fan)	K7R	Magnetic relay (E1HC)	T1A	Current sensor (A6P)
A5P	Printed circuit board (ABC I/P)	K8R	Magnetic relay (E2HC)	SD1	Safety devices input
A6P	Printed circuit board (Current sensor)	L1R	Reactor	V1R	Power module (A4P)
BS1 ~ BS5	Push button switch (Mode, Set, Return, Test, Reset)	M1C, M2C	Motor (Compressor)	V1R, V2R	Power module (A3P)
C1	Capacitor	M1F	Motor (Fan)	X1A, X2A	Connector (M1F)
C63, C66	Capacitor	P5	Switching power supply (A1P, A3P)	X1M	Terminal strip (Power supply)
DS1, DS2	Dip switch	Q1RP	Phase reversal detect circuit	X1M	Terminal strip (Control) (A1P)
E1HC, E2HC	Crankcase heater	Q1DI	Earth leakage breaker	X1M	Terminal strip (ABC I/P) (A5P)
F1U	Fuse (250V, 8A, $\text{\textcircled{D}}$ ) (A4P)	R10	Resistor (Current sensor) (A4P)	Y1E	Electronic expansion valve (Main)
F1U, F2U	Fuse (250V, 3.15A, $\text{\textcircled{T}}$ ) (A1P)	R50, R59	Resistor	Y2E	Electronic expansion valve (Subcool)
F5U	Field Fuse	R95	Resistor (Current limiting)	Y1S	Solenoid valve (Hot gas)
F400U	Fuse (250V, 6.3A, $\text{\textcircled{T}}$ ) (A2P)	R1T	Thermistor (Air) (A1P)	Y2S	Solenoid valve (Oil return)
H1P ~ H8P	Pilot lamp (Service monitor-orange) [H2P] Prepare, test ..... flickering Malfunction detection .... light up	R1T	Thermistor (Fin) (A3P)	Y3S	Solenoid valve (4 way valve)
HAP	Pilot lamp (Service monitor-green)	R2T	Thermistor (Suction)	Z1C ~ Z7C	Noise filter (Ferrity core)
K1	Magnetic relay	R31T	Thermistor (M1C Discharge)	Z1F	Noise filter (With surge absorber)
K2	Magnetic contactor (M1C)	R32T	Thermistor (M2C Discharge)		
K2M	Magnetic contactor (M2C)	R4T	Thermistor (Heat exchanger deicer)		
K1R	Magnetic relais (K2M)	R5T	Thermistor (Heat exchanger outlet)	Cool/heat selector	
		R6T	Thermistor (Liquid pipe)	S1S	Selector switch (Fan/cool - heat)
		R7T	Thermistor (Accumulator)	S2S	Selector switch (Cool - heat)

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

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

NOTES

- This wiring diagram applies only 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, outdoor-multi transmission Q1 - Q2 and on how to use BS1 ~BS5 and DS1, DS2 switch.
- Do not operate the unit by short-circuiting protection device S1PH.