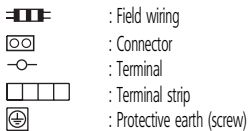


A1P ~ A7P	Printed circuit board	K3R ~ K9R	Magnetic relay	R6T	Thermistor (Liquid pipe)
A1P	Printed circuit board (Main)	K3R	Magnetic relay (Y1S)	R7T	Thermistor (Accumulator)
A2P	Printed circuit board (Noise filter)	K4R	Magnetic relay (Y2S)	S1NPH	Pressure sensor (High)
A3P	Printed circuit board (Inverter)	K5R	Magnetic relay (Y3S)	S1NPL	Pressure sensor (Low)
A4P, A8P	Printed circuit board (Fan)	K7R	Magnetic relay (E1HC)	S1PH ~ S3HP	Pressure switch (High)
A5P	Printed circuit board (ABC I/P)	K8R	Magnetic relay (E2HC)	T1A	Current sensor (A6P, A7P)
A6P, A7P	Printed circuit board (Current sensor)	K9R	Magnetic relay (E3HC)	SD1	Safety devices input
B51 ~ B55	Push button switch (Mode, Set, Return, Test, Reset)	L1R	Reactor	V1R	Power module (A4P, A8P)
C1	Capacitor	M1C ~ M3C	Motor (Compressor)	V1R, V2R	Power module (A3P)
C63, C66	Capacitor	M1F, M2F	Motor (Fan)	X1A ~ X4A	Connector (M1F, M2F)
DS1, DS2	Dip switch	PS	Switching power supply (A1P, A3P)	X1M	Terminal strip (Power supply)
E1HC ~ E3HC	Crankcase heater	Q1RP	Phase reversal detect circuit	X1M	Terminal strip (Control) (A1P)
F1U	Fuse (250V, 8A, B) (A4P)	Q1DI	Earth leakage breaker	X1M	Terminal strip (ABC I/P) (A5P)
F1U, F2U	Fuse (250V, 3.15A, D) (A1P)	R10	Resistor (Current sensor) (A4P)	Y1E	Electronic expansion valve (Main)
F5U	Field Fuse	R50, R59	Resistor	Y2E	Electronic expansion valve (Subcool)
F400U	Fuse (250V, 6.3A, D) (A2P)	R95	Resistor (Current limiting)	Y1S ~ Y3S	Solenoid valve
H1P ~ H8P	Pilot lamp (Service monitor-orange) (H2P) Prepare, test flickering Malfunction detection ... light up	R11 ~ R7T	Thermistor	Y1S	Solenoid valve (Hot gas)
HAP	Pilot lamp (Service monitor-green)	R1T	Thermistor (Air) (A1P)	Y2S	Solenoid valve (Oil return)
K1	Magnetic relay	R1T	Thermistor (Fin) (A3P)	Y3S	Solenoid valve (4 way valve)
K2	Magnetic contactor (M1C)	R2T	Thermistor (Suction)	Z1C ~ Z9C	Noise filter (Ferrity core)
K2M, K3M	Magnetic contactor (M2C, M3C)	R31T	Thermistor (M1C Discharge)	Z1F	Noise filter (With surge absorber)
K1R, K2R	Magnetic relays (K2M, K3M)	R32T	Thermistor (M2C Discharge)		
		R33T	Thermistor (M3C Discharge)	Cool/heat selector	
		R4T	Thermistor (Heat exchanger deicer)	S1S	Selector switch (Fan/cool - heat)
		R6T	Thermistor (Heat exchanger outlet)	S2S	Selector switch (Cool - heat)



COLORS : BLK : Black
 BRN : Brown
 GRN : Green
 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 B51 ~ B55 and DS1, DS2 switch.
- Do not operate the unit by short-circuiting protection device S1PH.