



A1P-A6P	Printed circuit board	K1R	Magnetic relays (K2M)	S1PH, S2PH	Pressure switch (high)	
	A1P: Main	A4P, A8P: Fan	K3R: Y1S	K7R: E1HC	T1A	Current sensor (A6P)
	A2P: Noise filter	A5P: ABC I/P	K4R: Y2S	K8R: E2HC	SD1	Safety devices input
	A3P: Inverter	A6P: Current Sensor	K5R: Y3S		V1R	Power module (A3P, A4P, A8P)
BS1-BS5	Push button switch (Mode, set, return, test, reset)	L1R	Reactor	V2R	Diode bridge (A3P)	
C1	Capacitor	M1C, M2C	Motor (Compressor)	X1A~X4A	Connector (M1F, M2F)	
C63, C66	Capacitor	M1F, M2F	Motor (Fan)	X1M	Terminal strip (power supply)	
DS1, DS2	Dip switch	PS	Switching power supply (A1P, A3P)	X1M	Terminal strip (Control) (A1P)	
E1HC	Crankcase heater	Q1RP	Phase reversal detect circuit	X1M	Terminal strip (Control) (A1P)	
F1U	Fuse (DC 650V, 8A Ⓟ) (A4P, A8P)	Q1DI	Earth leakage breaker	Y1E	Electronic expansion valve (main)	
F1U, F2U	Fuse (250V, 3.15A Ⓟ) (A1P)		Thermistor	Y2E	Electronic expansion valve (subcool)	
F5U	Field fuse	R1T~R7T	R1T: AIR (A1P)		Solenoid valve	
F400U	Fuse (250V, 6.3A Ⓟ) (A2P)	R31T~R32T	R4T: Heat exch. deicer	Y1S~Y3S	Y1S: Hot gas	Y3S: 4 way valve
			R5T: Heat exch. outlet		Y2S: Oil return	
H1P~H8P	Pilotlamp (service monitor - orange) [H2P] Prepare, Test ----- Flickering Malfunction detection --- Light up	R10	R2T: Suction	Z1C~Z9C	Noise filter (ferrite core)	
HAP	Pilotlamp (service monitor - green)	R50, R59	R31T: M1C Discharge	Z1F	Noise filter (With surge absorber)	
K1, K3	Magnetic relay	R95	R32T: M1C Discharge			
K2, K4	Magnetic contactor (M1C)	S1NPH	R7T: Accumulator			
K2M	Magnetic contactor (M2C)	S1NPL				

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NOTES

- This wiring diagram only applies to the outdoor unit
- ▬▬▬ : field wiring
- : terminal strip, □□□ : connector, ○- : terminal, ⊕ Protective earth (screw)
- When using the option adapter, 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
- BLK = Black, RED = Red, BLU = Blue, WHT = White, PNK = Pink, YLW = Yellow, BRN = brown, GRY = Grey, GRN = Green, ORG = Orange