



A1P-A7P	Printed circuit board	K2	Magnetic contactor (M1C)	R50, R59	Resistor	
	A1P: Main	A4P, A8P: Fan	K2H, K3H	Magnetic contactor (M2C, M3C)	R95	Resistor (current limiting)
	A2P: Noise filter	A6P, A7P: Current sensor	K1R, K2R	Magnetic relays (K2M, K3M)	S1NPH	Pressure sensor (high)
BS1-BS5	Push button switch (Mode, set, return, test, reset)	K3R-K9R	K3R: Y1S	K8R: E2HC	S1NPL	Pressure sensor (low)
			K4R: Y2S	K9R: E3HC	S1PH, S2PH	Pressure switch (high)
			K7R: E1HC		T1A	Current sensor (A6P, A7P)
C1	Capacitor	L1R	Reactor	SD1	Safety devices input	
C63, C66	Capacitor	M1C-M3C	Motor (Compressor)	V1R	Power module (A4P, A8P)	
DS1, DS2	Dip switch	M1F, M2F	Motor (Fan)	V1R, V2R	Power module (A3P)	
E1HC-E3HC	Crankcase heater	PS	Switching power supply (A1P, A3P)	X1A, X4A	Connector (M1F, M2F)	
F1U	Fuse (250V, 8A Ⓢ) (A4P, A8P)	Q1RP	Phase reversal detect circuit	X1M	Terminal strip (power supply)	
F1U, F2U	Fuse (250V, 3.15A Ⓢ) (A1P)	Q1DI	Earth leakage breaker	X1M	Terminal strip (control) (A1P)	
F5U	Field fuse	R10	Resistor (current sensor) (A4P, A8P)	Y2E	Electronic expansion valve (subcool)	
F400U	Fuse (250V, 6.3A Ⓢ) (A2P)	R1T-R6T R31T-R33T	Thermistor	Y1S-Y2S	Solenoid valve	
H1P-H8P	Pilotlamp (service monitor - orange) [H2P] Prepare, Test ----- Flickering Malfunction detection --- Light up		R1T: AIR (A1P)		R33T: M3C discharge	Y1S: Hot gas
			R1T: FIN (A3P)	R4T: Heat exch. deicer	Z1C-Z5C	Noise filter (ferrite core)
			R2T: Suction	R5T: Heat exch. outlet		Z1F
HAP	Pilotlamp (service monitor - green)		R31T: M1C Discharge	R6T: Liquid pipe		
K1	Magnetic relay	R32T: M2C Discharge				

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NOTES

- This wiring diagram only applies to the outdoor unit
- ▬ : field wiring, □ : indication of parts outside switchbox
- : 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