



A1P~A5P	Printed circuit board		K3R~K7R	K3R: Y1S	K5R: Y3S	SD1	Safety devices input	
	A1P: main	A4P: fan	L1R	K4R: Y2S	K7R: E1HC	V1R	Power module (A3P, A4P)	
	A2P: noise filter	A5P: ABC I/P	M1C	Reactor		V2R	Diode bridge (A3P)	
H1P	Push button switch (mode, set, return, test, reset)		M1F	Motor (compressor)		X1A, X2A	Connector (M1F)	
	PS		PS	Switching power supply (A1P, A3P)		X1M	Terminal strip (Power supply)	
C1	Capacitor		Q1RP	Phase reversal detect circuit		SD1	Safety devices input	
C63, C66	Capacitor		R10	Resistor (current sensor) A4P		X1M	Terminal strip (control) (A1P)	
DS1, DS2	Dip switch		R50, R59	Resistor		X1M	Terminal strip (A5P)	
E1HC	Crankcase heater		R95	Resistor (current limiting)		Y1E	Electronic expansion valve (main)	
F1U	Fuse (250V, 8A(B)) (A4P)		R1T~R7T	Thermistor		Y2E	Electronic expansion valve (subcool)	
F1U, F2U	Fuse (250V, 3.15A(D)) (A1P)			R1T: Air (A1P)	R4T: Heat exch. de-icer	Y1S~Y3S	Y1S: Hot gas	Y3S: 4 way valve
F5U	Field fuse			R1T: Fin (A3P)	R5T: Heat exch. outlet		Y2S: Oil return	
F400U	Fuse (250V, 6.3A(D)) (A2P)		R2T: Suction	R6T: Liquid pipe		Z1C~5C	Noise filter (ferrite core)	
H1P~H8P	Pilotlamp (service monitor - orange) [H2P] Prepare, test ----- Flickering Malfunction detection ----- Light up		R3T: M1C discharge	R7T: Accumulator		Z1F	Noise filter (with surge absorber)	
HAP	Pilotlamp (service monitor - green)		S1NPH	Pressure sensor (high)		COOL/HEAT SELECTOR		
K1: K3	Magnetic relay		S1NPL	Pressure sensor (low)		S1S	Selector switch (fan/cool-heat)	
K2, K4	Magnetic contactor (M1C)		S1PH	Pressure switch (high)		S2S	Selector switch (cool-heat)	

: Terminal strip
 Colors: BLK : Black
GRN : Green

: Connector
 BRN : Brown
WHT : White

: Terminal
 RED : Red
PNK : Pink

: Field wiring
 BLU : Blue
YLW : Yellow

: Protective earth (screw)
 GRY : Gray

: Indication of parts outside switchbox
 ORG : Orange

- 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. 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