

A1P	Printed circuit board (Main)	K6R	Magnetic relay (Y3R) (A1P)	T2A	Current sensor (A10P)
A2P	Printed circuit board (Sub)	K7R	Caution output (A2P)	V1R	Power module (A4P, A5P, A9P)
A3P	Printed circuit board (noise filter)	K9R	Warning output (A2P)	V2R	Diode Bridge (A4P)
A4P	Printed circuit board (Inv. for comp)	K10R	Magnetic relay (Operating output) (A1P)	X1A~4A	Connector (M1F, M2F)
A5P	Printed circuit board (Inv. for fan)	K11R	Magnetic relay (Y1S) (A1P)	X5A	Connector (IN-OUT (Main-Sub))
A6P	Printed circuit board (Power input) (option)	RY1	Magnetic relay (A10P)	X6A	Connector (Power supply)
A7P, A8P	Printed circuit board (Current sensor)	L1R	Reactor (A4P)	X7A	Connector (Power supply)
A9P	Printed circuit board (Inv. for fan)	M1C	Motor (Compressor (INV))	X1M	Terminal block (Power supply)
A10P	Printed circuit board (Earth leakage detector)	M2C, M3C	Motor (Compressor (STD))	X1M	Terminal block (Control) (A1P, A2P)
BS1~5	Push button switch (Mode, set, return, test, reset)	M1F, M2F	Motor (Fan)	X1M	Terminal block (Operation input) (A6P)
C1	Capacitor	PS	Switching power supply (A1P, A2P, A4P)	X2M	Terminal block (Operation input)
DS1, DS2	Dip switch (A1P, A2P)	Q1RP	Phase reversal detect circuit (A1P, A2P)	X3M	Terminal block (Remote switch)
F1U, F2U	Fuse (T, 3, 15A, 250V) (A1P, A2P)	R10	Resistor (current sensor) (A5P, A9P)	X4M	Terminal block (Warning output)
F3U~4U	Fuse (T, 1A, 250V) (A1P, A2P)	R50, R59	Resistor (A4P)	X5M	Terminal block (Power supply)
F1U	Fuse (8A, DC650V) (A5P, A9P)	R95	Resistor (Current limiting) (A4P)	X6M	Terminal block (Low noise mood input)
F400U	Fuse (T, 6, 3A, 250V) (A3P)	R1T	Thermistor (AIR) (A1P)	Y1E	Electronic expansion valve (Main)
H1P~8P	Pilot lamp (Service monitor-orange) [H2P] Prepare, test — Flickering Malfunction detection — Light up	R21T	Thermistor (suction) (A1P)	Y2E	Electronic expansion valve (Liquid)
HAP	Pilotlamp (service monitor-green) (A1P, A2P)	R22T	Thermistor (suction) (A1P)	Y3E	Electronic expansion valve (Oil (INV))
V1CP	safety devices input (A1P, A2P)	R31T~R33T	Thermistor (M1C, M2C, M3C discharge) (A1P)	Y4E	Electronic expansion valve (Oil (NON1))
K2M, K4M	Magnetic contactor (M1C) (A3P, A4P)	R4T	Thermistor (Middle, INJ) (A1P)	Y5E	Electronic expansion valve (Oil (NON2))
K2M	Magnetic contactor (M2C) (A1P)	R6T	Thermistor (Fin) (A1P)	Y1R	Four way valve (Main)
K3M	Magnetic contactor (M3C) (A2P)	S1NPH1	Pressure sensor (High) (A1P)	Y2R	Four way valve (Sub)
K1R	Magnetic relay (K2M) (A1P)	S1NPL1	Pressure sensor (Low) (A1P)	Y3R	Four way valve (Suction)
K1R	Magnetic relay (K3M) (A2P)	S1NPH2	Pressure sensor (Middle) (A2P)	Y1S	Solenoid valve (Liquid)
K3R	Magnetic relay (Y6S) (A1P)	S1NPL2	Pressure sensor (Low) (A2P)	Y6S	Solenoid valve (Gas)
K4R	Magnetic relay (Y2R) (A1P)	S1PH, S2PH	Pressure switch (High) (A1P)	Z1C~10C	Noise filter (Ferrite core)
K5R	Magnetic relay (Y1R) (A1P)	S3PH	Pressure switch (High) (A2P)	Z1F	Noise filter (with surge absorber) (A3P)
		S1PL	Pressure switch (Low) (A1P)		
		S1S	Operation switch (Remote/OFF/ON)		
		T1A	Current sensor (A7P, A8P)		

NOTES

1. This wiring diagram is applied only to the outdoor unit.
2.  : field wiring.
3.  : terminal block,  : connector,  : terminal  : protective earth (screw)
4. At the time of factory shipment, setting of "Off". When operating, setting of "On" or "Remote".
The point of contact of the input must use the one for a slight current. (for the remote switch, use non-voltage contact for microcurrent (not more than 1mA DC12v).
5. RY1 point contact is open before turning on power supply. Refer to technical guide for the operation timing diagram.
6. How to use (BS1~5) and (DS1 • 2) switch, refer to "Service precaution" label on el. compo. box cover.
7. When operating, don't shortcircuit the protection device (S1PH~S3PH, S1PL)
8. Be noted that the capacity of contact is AC220-240V, 110-120VA, (Total of caution output, warning output).
9. Be noted that the capacity of contact is AC220-240V, 110-120VA, (Operating output (refrigeration)).
10. Colors BLK:BLACK, RED:RED, BLU:BLUE, WHT:WHITE, GRN:GREEN.