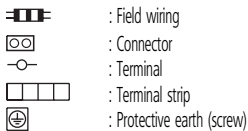


|            |  |            |                                    |                    |                                      |
|------------|--|------------|------------------------------------|--------------------|--------------------------------------|
| A1P ~ A6P  | Printed circuit board  | K3R ~ K11R | Magnetic relay                     | S1NPH              | Pressure sensor (High)               |
| A1P        | Printed circuit board (Main)   | K3R        | Magnetic relay (Y1S)               | S1NPL              | Pressure sensor (Low)                |
| A2P        | Printed circuit board (Noise filter)   | K4R        | Magnetic relay (Y2S)               | S1PH               | Pressure switch (High)               |
| A3P        | Printed circuit board (Inverter)   | K5R        | Magnetic relay (Y3S)               | T1A                | Current sensor (A6P)                 |
| A4P        | Printed circuit board (Fan)  | K7R        | Magnetic relay (E1HC)              | SD1                | Safety devices input                 |
| A5P        | Printed circuit board (ABC IP)   | K8R        | Magnetic relay (E2HC)              | V1R                | Power module (A4P)                   |
| A6P        | Printed circuit board (Current sensor)   | L1R        | Reactor                            | V1R, V2R           | Power module (A3P)                   |
| B51 ~ B55  | Push button switch<br>(Mode, Set, Return, Test, Reset)   | M1C, M2C   | Motor (Compressor)                 | X1A, X2A           | Connector (M1F)                      |
| C1         | Capacitor  | M1F        | Motor (Fan)                        | X1M                | Terminal strip (Power supply)        |
| C63, C66   | Capacitor  | PS         | Switching power supply (A1P, A3P)  | X1M                | Terminal strip (Control) (A1P)       |
| DS1, DS2   | Dip switch   | Q1RP       | Phase reversal detect circuit      | X1M                | Terminal strip (ABC IP) (A5P)        |
| E1HC, E2HC | Crankcase heater   | Q1DI       | Earth leakage breaker              | Y1E                | Electronic expansion valve (Main)    |
| F1U        | Fuse (250V, 8A, $\text{\textcircled{B}}$ ) (A4P)   | R10        | Resistor (Current sensor (A4P))    | Y2E                | Electronic expansion valve (Subcool) |
| F1U, F2U   | Fuse (250V, 3.15A, $\text{\textcircled{D}}$ ) (A1P)  | R50, R59   | Resistor                           | Y1S ~ Y3S          | Solenoid valve                       |
| F5U        | Field Fuse   | R95        | Resistor (Current limiting)        | Y1S                | Solenoid valve (Hot gas)             |
| F400U      | Fuse (250V, 6.3A, $\text{\textcircled{D}}$ ) (A2P)   | R11 ~ R7T  | Thermistor                         | Y2S                | Solenoid valve (Oil return)          |
| H1P ~ H8P  | Pilot lamp (Service monitor-orange)<br>(H2P) Prepare, test ..... flickering<br>Malfunction detection .... light up | R1T        | Thermistor (Air) (A1P)             | Y3S                | Solenoid valve (4 way valve)         |
| HAP        | Pilot lamp (Service monitor-green)   | R1T        | Thermistor (Fin) (A3P)             | Z1C ~ Z7C          | Noise filter (Ferrity core)          |
| K1         | Magnetic relay   | R2T        | Thermistor (Suction)               | Z1F                | Noise filter (With surge absorber)   |
| K2         | Magnetic contactor (M1C)   | R31T       | Thermistor (M1C Discharge)         |                    |                                      |
| K2M        | Magnetic contactor (M2C)   | R32T       | Thermistor (M2C Discharge)         | Cool/heat selector |                                      |
| K1R        | Magnetic relais (K2M)  | R4T        | Thermistor (Heat exchanger deicer) | S1S                | Selector switch (Fan/cool - heat)    |
|            |  | R5T        | Thermistor (Heat exchanger outlet) | S2S                | Selector switch (Cool - heat)        |
|            |  | R6T        | Thermistor (Liquid pipe)           |                    |                                      |
|            |  | R7T        | Thermistor (Accumulator)           |                    |                                      |



**COLORS :** BLK : Black      BLU : Blue  
 BRN : Brown      GRN : Green  
 GRY : Grey      ORG : Orange  
 PNK : Pink      RED : Red  
 WHT : White      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.