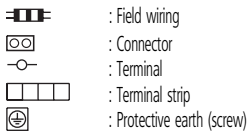


|             |   |           |                                    |                    |                                      |
|-------------|---|-----------|------------------------------------|--------------------|--------------------------------------|
| A1P ~ A7P   | Printed circuit board   | K3R ~ K9R | Magnetic relay                     | R6T                | Thermistor (Liquid pipe)             |
| A1P         | Printed circuit board (Main)  | K3R       | Magnetic relay (Y1S)               | R7T                | Thermistor (Accumulator)             |
| A2P         | Printed circuit board (Noise filter)  | K4R       | Magnetic relay (Y2S)               | S1NPH              | Pressure sensor (High)               |
| A3P         | Printed circuit board (Inverter)  | K5R       | Magnetic relay (Y3S)               | S1NPL              | Pressure sensor (Low)                |
| A4P, A8P    | Printed circuit board (Fan)   | K7R       | Magnetic relay (E1HC)              | S1PH ~ S3HP        | Pressure switch (High)               |
| A5P         | Printed circuit board (ABC I/P)   | K8R       | Magnetic relay (E2HC)              | T1A                | Current sensor (A6P, A7P)            |
| A6P, A7P    | Printed circuit board (Current sensor)  | K9R       | Magnetic relay (E3HC)              | SD1                | Safety devices input                 |
| B51 ~ B55   | Push button switch<br>(Mode, Set, Return, Test, Reset)  | L1R       | Reactor                            | V1R                | Power module (A4P, A8P)              |
| C1          | Capacitor   | M1C ~ M3C | Motor (Compressor)                 | V1R, V2R           | Power module (A3P)                   |
| C63, C66    | Capacitor   | M1F, M2F  | Motor (Fan)                        | X1A ~ X4A          | Connector (M1F, M2F)                 |
| DS1, DS2    | Dip switch  | PS        | Switching power supply (A1P, A3P)  | X1M                | Terminal strip (Power supply)        |
| E1HC ~ E3HC | Crankcase heater  | Q1RP      | Phase reversal detect circuit      | X1M                | Terminal strip (Control) (A1P)       |
| F1U         | Fuse (250V, 8A, $\text{\textcircled{B}}$ ) (A4P)  | Q1DI      | Earth leakage breaker              | X1M                | Terminal strip (ABC I/P) (A5P)       |
| F1U, F2U    | Fuse (250V, 3.15A, $\text{\textcircled{D}}$ ) (A1P)   | R10       | Resistor (Current sensor) (A4P)    | Y1E                | Electronic expansion valve (Main)    |
| F5U         | Field Fuse  | R50, R59  | Resistor                           | Y2E                | Electronic expansion valve (Subcool) |
| F400U       | Fuse (250V, 6.3A, $\text{\textcircled{D}}$ ) (A2P)  | R95       | Resistor (Current limiting)        | Y1S ~ Y3S          | Solenoid valve                       |
| H1P ~ H8P   | Pilot lamp (Service monitor-orange)<br>[H2P] Prepare, test ..... flickering<br>Malfunction detection ... light up | R1T ~ R7T | Thermistor                         | Y1S                | Solenoid valve (Hot gas)             |
| HAP         | Pilot lamp (Service monitor-green)  | R1T       | Thermistor (Air) (A1P)             | Y2S                | Solenoid valve (Oil return)          |
| K1          | Magnetic relay  | R1T       | Thermistor (Fin) (A3P)             | Y3S                | Solenoid valve (4 way valve)         |
| K2          | Magnetic contactor (M1C)  | R2T       | Thermistor (Suction)               | Z1C ~ Z9C          | Noise filter (Ferrity core)          |
| K2M, K3M    | Magnetic contactor (M2C, M3C)   | R31T      | Thermistor (M1C Discharge)         | Z1F                | Noise filter (With surge absorber)   |
| K1R, K2R    | Magnetic relays (K2M, K3M)  | R32T      | Thermistor (M2C Discharge)         |                    |                                      |
|             |   | R33T      | Thermistor (M3C Discharge)         | Cool/heat selector |                                      |
|             |   | R4T       | Thermistor (Heat exchanger deicer) | S1S                | Selector switch (Fan/cool - heat)    |
|             |   | R6T       | Thermistor (Heat exchanger outlet) | S2S                | Selector switch (Cool - heat)        |



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