



(3) NOTES

- ◆ : Connection
- X1M : Main terminal
- : Earth wiring
- : Field supply
- [] : Option
- [] : switch box
- [] : PCB
- [] : Wiring depending on model
- ⊕ : Protective earth
- [] : Field wire

(4) LEGEND

Part n°	Description
A1P	Printed circuit board (main)
A2P	Printed circuit board (service)
A3P	Printed circuit board (noise filter)
A4P	Printed circuit board (communication)
BS1~4 (A2P)	Push-button switch
C1~4 (A1P)	Capacitor
DS1 (A2P)	Dipswitch
E1H	* Bottom plate heater
E1HC	Crankcase heater
F1U, F3U, F4U (A*P)	Fuse T 6,3 A 250 V
F6U (A1P)	Fuse T 5 A 250 V
F7~8U	* Fuse F 1 A 250 V
H1~7P (A2P)	Indication light emitting diode (service monitor is orange)
HAP (A1P)	Light emitting diode (service monitor is green)
K1R (A1P)	Magnetic relay (Y1S)
K2R (A1P)	Magnetic relay (Y3S)
K3R (A1P)	Magnetic relay (E1H)
K4R (A1P)	Magnetic relay (E1HC)
K10R (A1P)	Magnetic relay (Upload)
K11R (A1P)	Magnetic relay (Main)
L1R	Reactor
M1C	Compressor motor
M1F, M2F	Fan motor
PS (A1P)	Switching power supply
Q1DI	# Earth leakage circuit breaker (30mA)

Part n°	Description
R1, R2 (A1P)	Resistor
R1T	Thermistor (air)
R2T	Thermistor (discharge)
R3T	Thermistor (suction)
R4T	Thermistor (heat exchanger)
R5T	Thermistor (heat exchanger middle)
R6T	Thermistor (liquid)
R10T	Thermistor (fin)
RC (A4P)	Signal receiver circuit
S1NPH	Pressure sensor
S1PH	High pressure switch
TC (A4P)	Signal transmission circuit
V1R (A1P)	Power module
V2~3R (A1P)	Diode module
V1T (A1P)	IGBT
X1M	Terminal strip
X*A (A*P), X*Y*	Connector
Y1E, Y3E	Electronic expansion valve
Y1S	Solenoid valve (4-way valve)
Y3S	Solenoid valve (hot gas pass)
Z1~3C	Noise filter (ferrite core)
Z1~4F (A*P)	Noise filter

* : optional # : field supply

NOTES

1. Refer to the wiring diagram sticker (on the back of the front plate) for how to use the BS1-BS4 and DS1 switches.
2. When operating, do not short-circuit protection device S1PH.
3. Refer to the combination table and the option manual for how to connect the wiring to X6A.
4. Colours: BLK:black; RED:red; BLU:blue; WHT:white; GRN:green; BRN:brown; YLW:yellow; ORG:orange
5. Confirm the method of setting the selector switches (DS1) by service manual. Factory setting of all switches: OFF