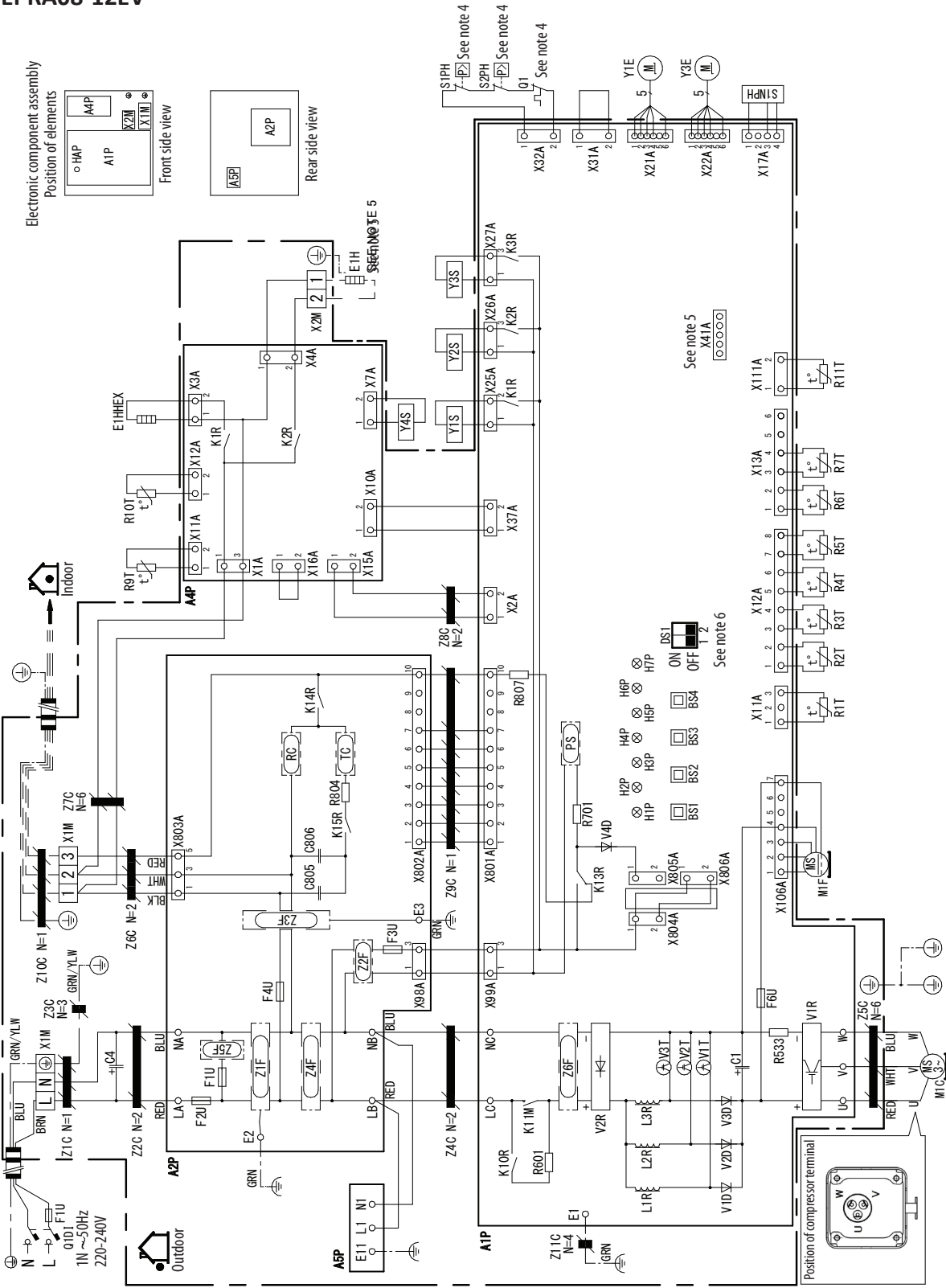




NOTES

1. L : Live
N : Neutral
⊕ : Protective earth
⚡ : Noiseless earth
▬ : Field wiring
• : Connection
○ : Terminal
▭ : Terminal strip
◻ : Connector
== : Option
2. Colours:
BLK : Black
RED : Red
BLU : Blue
WHT : White
GRN : Green
YLW : Yellow
BRN : Brown
ORG : Orange
PNK : Pink
GRY : Grey
3. This wiring diagram applies only to the outdoor unit.
4. When operating, do not short-circuit protection device Q1, S1PH and S2PH.
5. Refer to the combination table and the option manual for how to connect the wiring to X41A and X2M.
6. The factory setting of all switches is OFF, do not change the setting of the selector switch (DS1).

A1P	Printed circuit board (main)	K10R (A1P)	Magnetic relay	R11T	Thermistor (fin)
A2P	Printed circuit board (noise filter)	K11M (A1P)	Magnetic contactor	RC (A2P)	Signal receiver circuit
A4P	Printed circuit board (ACS)	K13R ~ K15R (A1P, A2P)	Magnetic relay	S1NPH	High pressure sensor
A5P	Printed circuit board (flash)	L1R ~ L3R (A1P)	Reactor	S1PH~S2PH	High pressure switch
BS1 ~ BS4 (A1P)	Push-button switch	M1C	Motor (compressor)	TC (A2P)	Signal transmission circuit
C1 ~ C806 (A1P, A2P)	Capacitor	M1F	Motor (fan)	V1D ~ V4D (A1P)	Diode
DS1 (A1P)	DIP switch	PS (A1P)	Switching power supply	V1R (A1P)	IGBT power module
E1H	Drain tube heater (field supply)	Q1DI	Earth leakage circuit breaker (30mA) (field supply)	V2R (A1P)	Diode module
E1HHEX	PHE heater	Q1	Thermal overcurrent protector	V1T ~ V3T (A1P)	Insulated Gate Bipolar Transistor (IGBT)
F1U	Field fuse (field supply)	R533 ~ R807 (A1P, A2P)	Resistor	X1M ~ X2M	Terminal strip
F1U ~ F4U (A2P)	Fuse (T 6.3A / 250V)	R1T	Thermistor (ambient)	Y1E	Electronic expansion valve (main - black)
F6U (A1P)	Fuse (T 5.0A / 250V)	R2T	Thermistor (discharge)	Y3E	Electronic expansion valve (injection - blue)
H1P ~ H7P (A1P)	Light-emitting diode (service monitor is orange)	R3T	Thermistor (suction)	Y1S	Solenoid valve (4-way valve)
HAP (A1P)	Light-emitting diode (service monitor is green)	R4T	Thermistor (heat exchanger liquid pipe)	Y2S	Solenoid valve (low pressure bypass)
K1R (A1P)	Magnetic relay (Y1S)	R5T	Thermistor (heat exchanger middle)	Y3S	Solenoid valve (hot gas bypass)
K1R (A4P)	Magnetic relay (E1HHEX)	R6T	Thermistor (refrigerant liquid)	Y4S	Solenoid valve (liquid injection)
K2R (A1P)	Magnetic relay (Y2S)	R7T	Thermistor (injection)	Z1C ~ Z11C	Noise filter (ferrite core)
K2R (A4P)	Magnetic relay (E1H)	R9T	Thermistor (inlet water)	Z1F ~ Z6F (A1P, A2P)	Noise filter
K3R (A1P)	Magnetic relay (Y3S)	R10T	Thermistor (outlet water)		