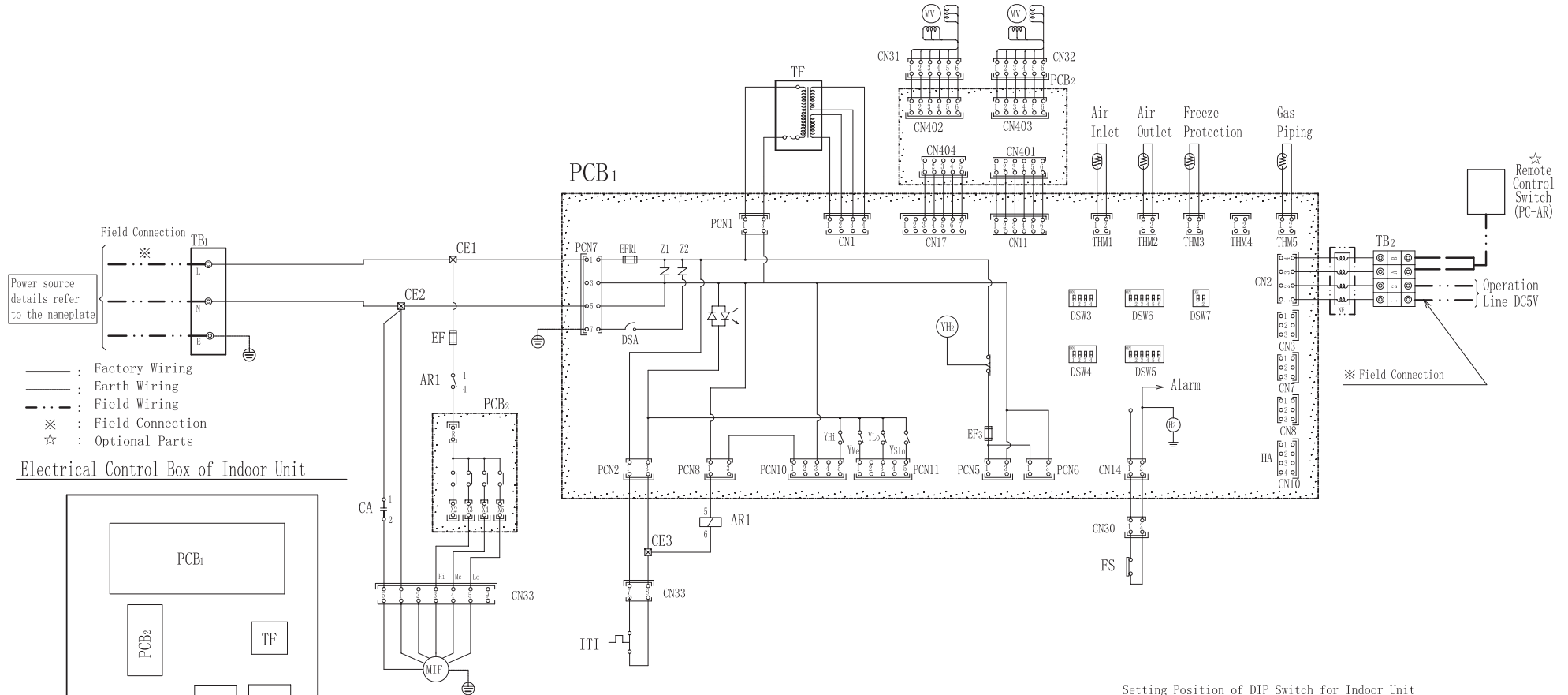
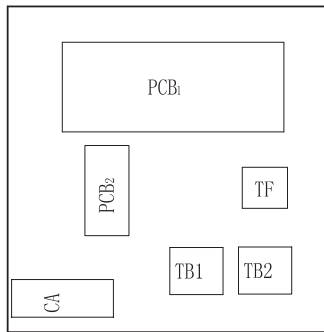


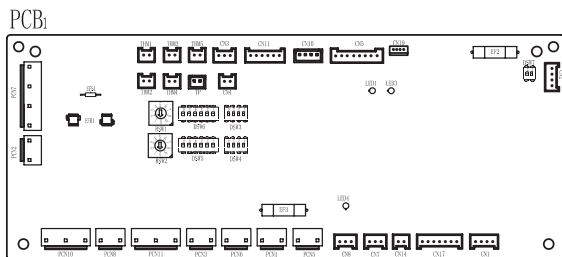
ELECTRICAL WIRING DIAGRAM (FOR MODEL: RPI-7.0FSN2SQ)



Electrical Control Box of Indoor Unit



Printed Circuit Board



WARNING

Before inspecting the electrical parts set the Operation Switch to OFF, and cut OFF the power supply.

Mark	Name	Mark	Name
CA	Capacitor	PCB1, 2	Printed Circuit Board
CN 1~17	Connector on PCB	PCN1~11, 301, 302	Connector on PCB
CN 30, 31, 32, 33	Connector	TB1, 2	Terminal Board
DSW3, 4, 5, 6, 7	Dip Switch for Setting	TF	Transformer
EF1, EF2, 3	Fuse	THM1, 2, 3, 5	Thermistor
FS	Float Switch	YH	Relay on PCB
ITI	Internal Thermostat for Indoor Fan Motor	ARI	Auxiliary Relay
MIF	Motor for Indoor Fan	⊙	Terminals
MV	Micro-Computer Control Expansion Valve		
NF	Noise Filter		

Setting Position of DIP Switch for Indoor Unit

SW	RSW1	RSW2	DSW3	DSW4	DSW5	DSW6	DSW7
Horsepower							
7HP							

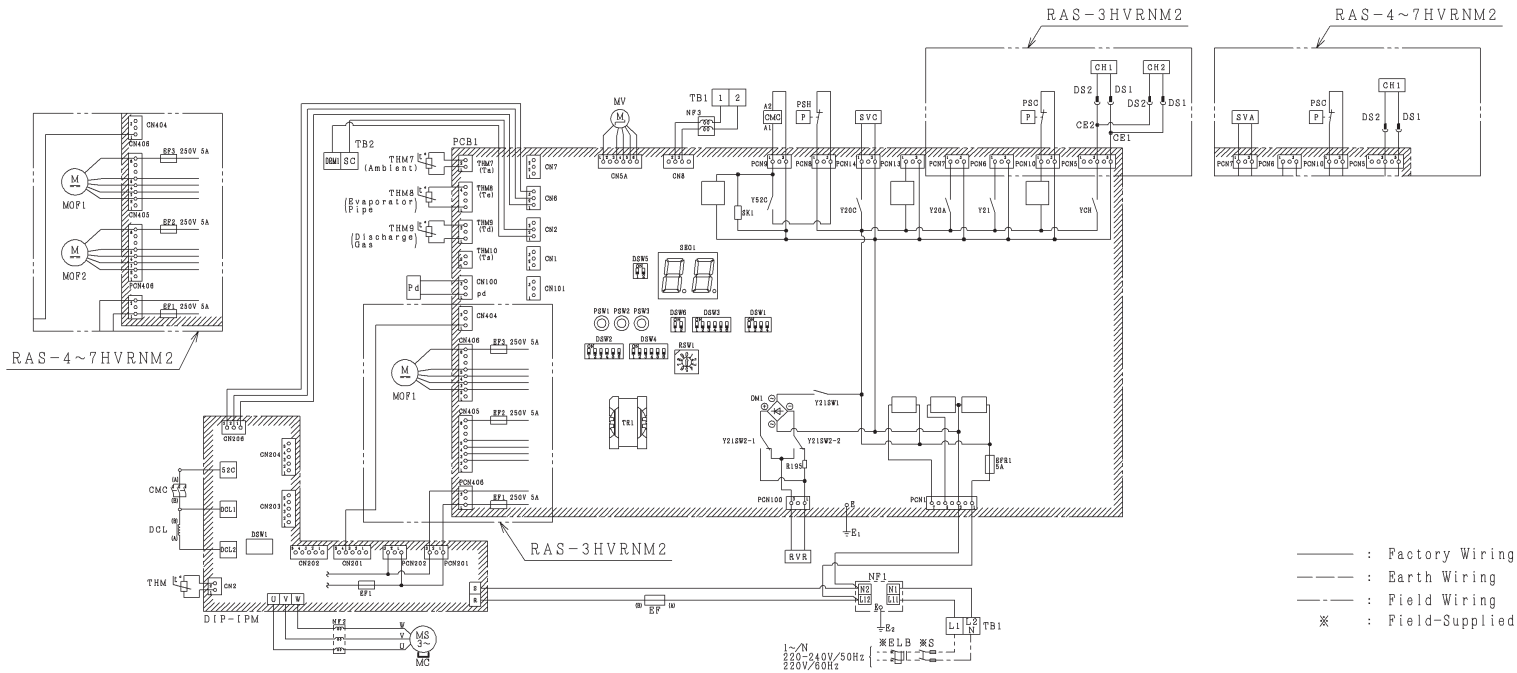
■ Indicates the position of Dip Switches.

Note:

1. All the field wiring and equipment must comply with local codes.

10.6.2 Outdoor Units

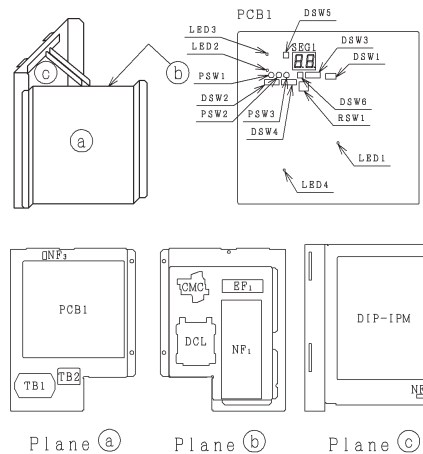
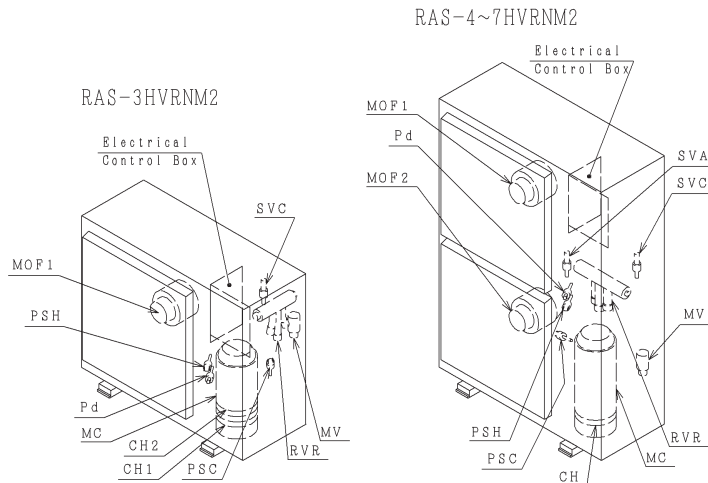
ELECTRICAL WIRING DIAGRAM (FOR MODELS: RAS-3HVRNM2, RAS-4HVRNM2, RAS-5HVRNM2, RAS-6HVRNM2 AND RAS-7HVRNM2)



Mark	Name
CH1.2	Crankcase Heater
CMC	Contact for Compressor Motor
DCL	Reactor
DIP-IPM	Inverter Module
DS1.2	I.F Connector
DSW1~6	Dip Switch on PCB1
EP	Fuse
MC	Motor for Compressor
MOP1.2	Motor for Outdoor Fan
MV	Micro-Computer Control Expansion Valve
NF1~3	Noise Filter
PCB1	Printed Circuit Board
Pd	Sensor for Refrigerant Pressure
PSC	Pressure Switch for Control
PSH	High Pressure Switch for Protection
PSW1~3	Push Switch on PCB1
RSW1	Switch on PCB1
RVR	Reversing Valve Relay
SVA.C	Solenoid Valve
TB1.2	Terminal Board
THM7~9	Thermistor
THM	Thermistor for Pin Temperature

— : Factory Wiring
 - - : Earth Wiring
 - · - : Field Wiring
 * : Field-Supplied

Electrical Control Box



Note:

1. All the field wiring and equipment must comply with local codes.