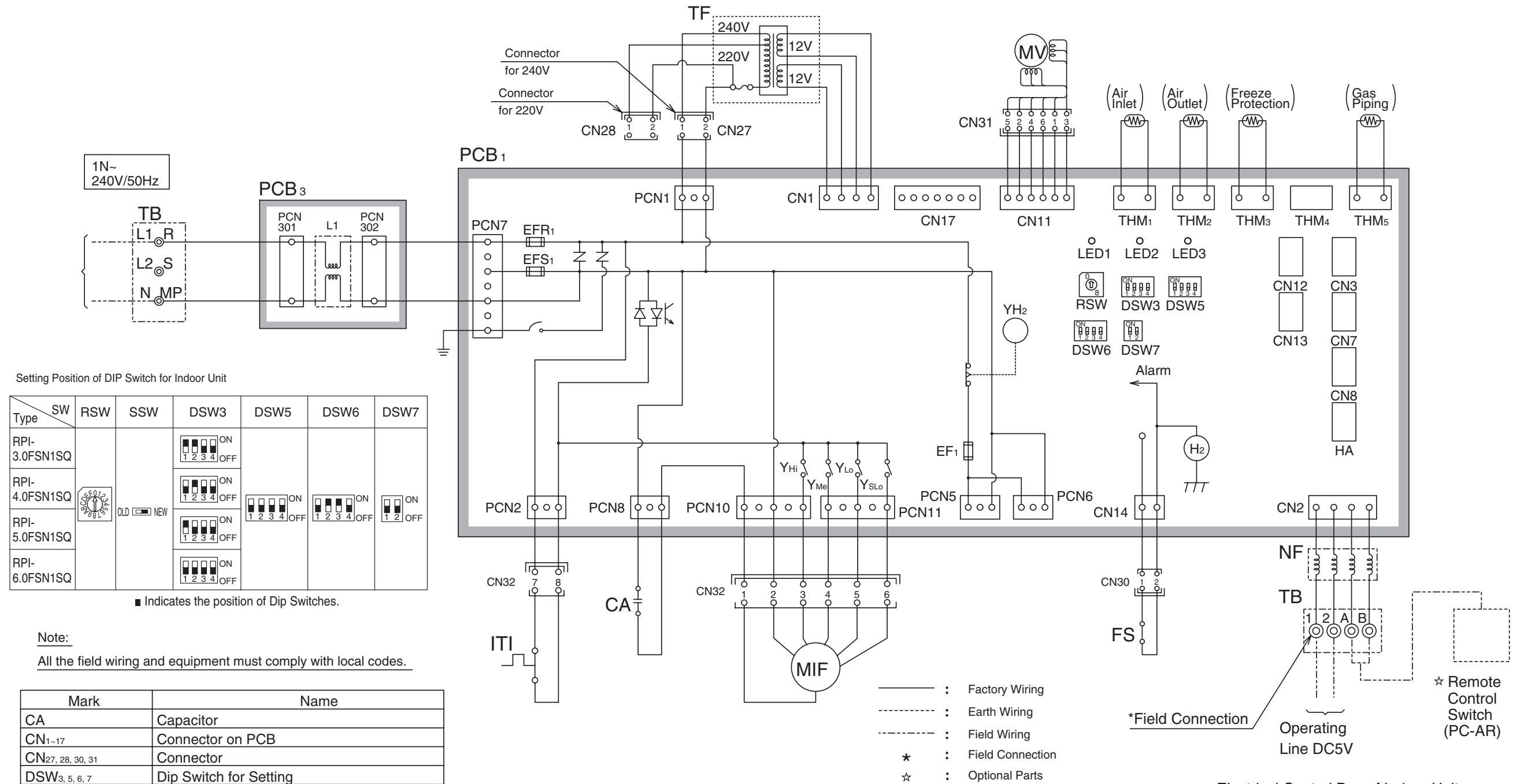


ELECTRICAL WIRING DIAGRAM (FOR MODELS: RPI-3.0FSN1SQ, RPI-4.0FSN1SQ, RPI-5.0FSN1SQ AND RPI-6.0FSN1SQ)



Setting Position of DIP Switch for Indoor Unit

Type	SW	RSW	SSW	DSW3	DSW5	DSW6	DSW7
RPI-3.0FSN1SQ				ON OFF			
RPI-4.0FSN1SQ				ON OFF	ON OFF	ON OFF	ON OFF
RPI-5.0FSN1SQ				ON OFF			
RPI-6.0FSN1SQ				ON OFF			

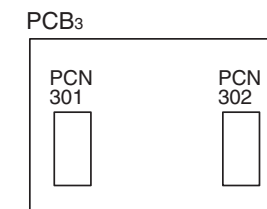
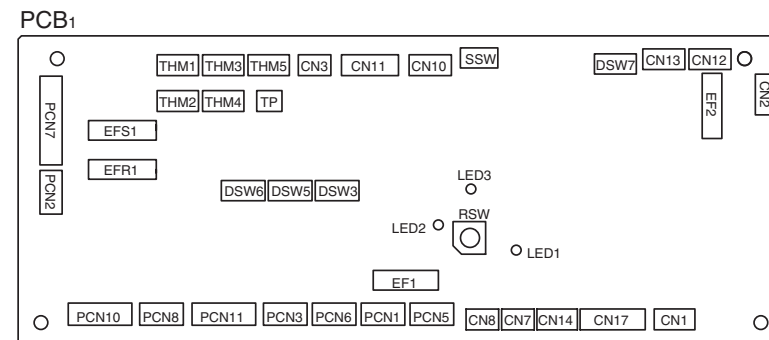
■ Indicates the position of Dip Switches.

Note:

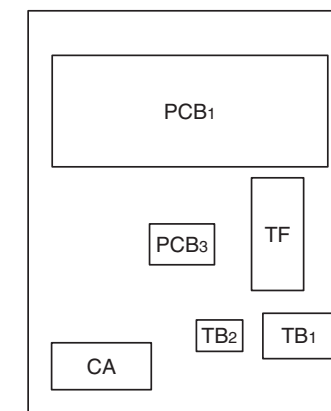
All the field wiring and equipment must comply with local codes.

Mark	Name
CA	Capacitor
CN1-17	Connector on PCB
CN27, 28, 30, 31	Connector
DSW3, 5, 6, 7	Dip Switch for Setting
EFR1, EFS1, EF1	Fuse
FS	Float Switch
ITI	Internal Thermostat for Indoor Fan Motor
MIF	Motor for Indoor Fan
MV	Micro-Computer Control Expansion Valve
NF	Noise Filter
PCB1, 3	Printed Circuit Board
PCN1-11, 301, 302	Connector on PCB
TB1, 2	Terminal Board
TF	Transformer
THM1, 2, 3, 5	Thermistor
YH2	Relay on PCB
⊙	Terminals

Printed Circuit Board

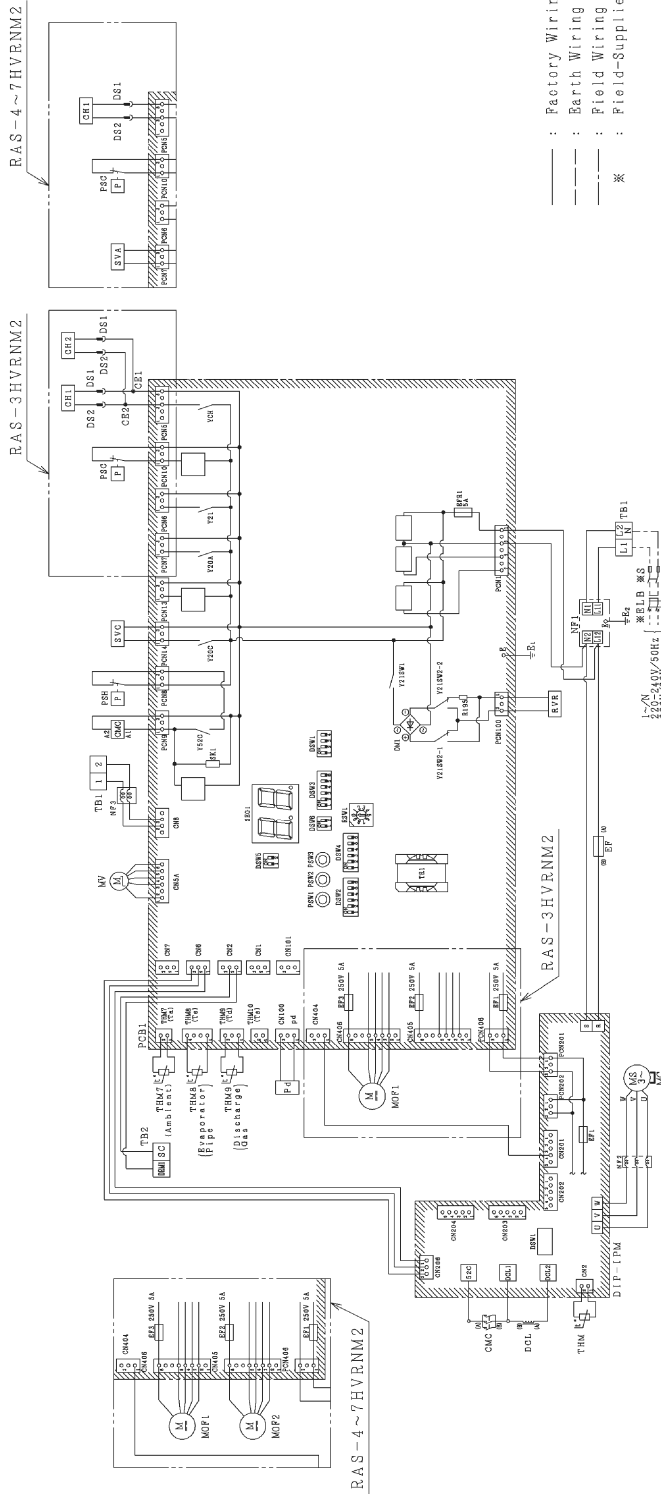


Electrical Control Box of Indoor Unit



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. P Connector
DSW1~6	Dip Switch on PCB1
BP	Fuse
MC	Motor for Compressor
MCF1, 2	Motor for Outdoor Fan
MV	Micro-Computer Control Expansion Valve
NF1~3	Noise Filter
PCB1	Printed Circuit Board
Pd	Sensor for Refrigerant Pressure
PSH	Pressure Switch for Control
PSH	High Pressure Switch for Protection
PSW1~3	Push Switch on PCB1
RSW1	Switch on PCB1
RVA, C	Reversing Valve Relay
SVA, C	Solenoid Valve
TB1, 2	Terminal Board
THM7~9	Thermistor
THM	Thermistor for Pin Temperature

— : Factory Wiring  
 - - - : Barth Wiring  
 --- : Field Wiring  
 \* : Field-Supplied

Note:

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

Electrical Control Box

