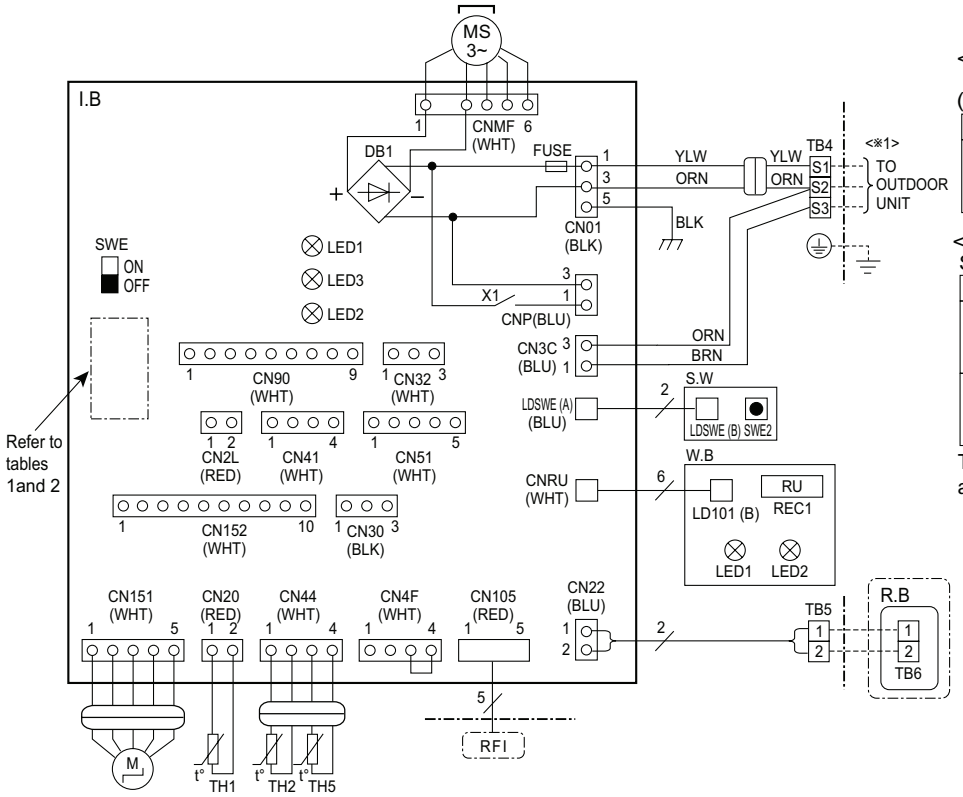
7 WIRING DIAGRAM

PKA-A12HA4 PKA-A18HA4

[LEGEND]

Symbol	Name	Symbol	Name
I.B	Indoor controller board	M	Vane motor
CN2L	Connector (LOSSNAY)	MS	Fan motor
CN30	Connector (LLC)	S.W	Switch board
CN32	Connector (Remote switch)	SWE2	Emergency operation
CN41	Connector (HA terminal-A)	TB2	Terminal block (Indoor unit Power (option))
CN51	Connector (Centrally control)	TB4	Terminal block (Indoor/outdoor connecting line)
CN90	Connector (Remote operation adapter)	TB5	Terminal block (Remote controller transmission line)
CN105	Connector (Radio frequency interface)	TH1	Room temp. Thermistor (32°F/15KΩ, 77°F/5.4KΩ Detect)
CN152	Connector (Back-up heating)		
FUSE	FUSE(T3.15AL250V)	TH2	Pipe temp. Thermistor/liquid (32°F/15KΩ, 77°F/5.4KΩ Detect)
LED1	Power supply (I.B)		
LED2	Power supply (R.B)	TH5	Cond./eva. temp. Thermistor (32°F/15KΩ, 77°F/5.4KΩ Detect)
LED3	Transmission (Indoor-outdoor)		
SW1	Switch (Model selection) ※See Table 1	W.B	Pcb for IR wireless remote controller
SW2	Switch (Capacity code) ※See Table 2	LED1	LED (Operation indication : Green)
SWE	Connector (Emergency operation)	LED2	LED (Preparation for heating : Orange)
RFI	Radio frequency interface for RF thermostat	REC1	Receiving unit
		OPTION PART	
		R.B	Wired remote controller board
		TB6	Terminal block (Remote controller transmission line)



<Table 1>
SW1
(MODEL SELECTION)

SETTING
1 2 3 4 5 ON OFF

<Table 2>
SW2(CAPACITY CODE)

MODELS	SETTING
PKA-A12HA4	1 2 3 4 5 ON OFF
PKA-A18HA4	1 2 3 4 5 ON OFF

The black square (■) indicates a switch position.

Notes:

1. Symbols used in wiring diagram above are, ▭: Connector, ▭▭: Terminal (block).
2. Indoor and outdoor connecting wires have polarities, make sure to match terminal numbers (S1, S2, S3) for correct wirings.
3. Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring diagram for servicing.
4. This diagram shows the wiring of indoor and outdoor connecting wires. (specification of 230V), adopting superimposed system of power and signal.

※1 : Use copper supply wires.