

9-7. TEST POINT DIAGRAM

Indoor controller board

PLA-A12BA4

PLA-A18BA4

PLA-A24BA4

PLA-A30BA4

PLA-A36BA4

PLA-A42BA4

CN90
Connect to the IR wireless
remote controller board
(CNB)

LED3
Transmission
(Indoor/outdoor)

CN2L
Connector (LOSSNAY)

CNV
Vane motor output (MV)
12V pulse output

CN4Y
i-see sensor

CN6Y
i-see sensor motor output
12V DC pulse output

CN105
RFI (Radio frequency interface)

LED2
Power supply (R.B)

CN4F
Drain float switch (FS)

CN44
Pipe temperature
thermistor
①-② : Liquid (TH2)
③-④ : Condenser/Evaporator(TH5)

CN20
Room temperature thermistor
(TH1)

LED1
Power supply (I.B)

CN30
Connector (LLC)

V_{FG} : Voltage between
PC6722 and C955(-)
(Same as ⑦(+)-④(-) of CNMF)

V_{SP} : Voltage between pins of
C626
DC0V (FAN stop)
DC1~6.5V (FAN operation)
(Same as ⑥(+)-④(-) of CNMF)

CNMF
Fan motor
①-④: DC 294~325V
⑤-④: DC15V
⑥-④: DC0~6.5V
⑦-④: Stop DC0 or 15V
Operation DC7.5V
(0~15V pulse)

CNP
Drain-pump output (DP)
(208/230V AC)

SW1
Model selection

SW2
Capacity setting

Jumper wire J41,J42
Pair No. setting for IR wireless
remote controller

CN51
Centrally control
①-② : Control signal
13VDC pulse input (①: +)
③-④ : Operation indicator
13VDC (③: +)
③-⑤ : Malfunction indicator
13VDC (③: +)

CN41
Connector (HA terminal-A)

SWE
Emergency operation

CN24
Connector (Back-up heating)

CN22
Connect to the terminal block (TB5)
(Remote controller connecting wire)
(10.4~14.6V DC)

CN3C
Transmission
(Indoor/outdoor)
(0~24V DC)

V_{CC} : Voltage between pins of C955
15VDC
(Same as ⑤(+)-④(-) of CNMF)

CN01
Connect to the Terminal Block (TB4)
(Indoor/outdoor connecting line)
Between ③ and ⑤
208/230V AC

FUSE
6.3A /250V

