

<Thermistor Characteristic graph>

Thermistor for lower temperature

Room temperature thermistor(TH1)
Pipe temperature thermistor(TH2)
Condenser/evaporator temperature thermistor(TH5)

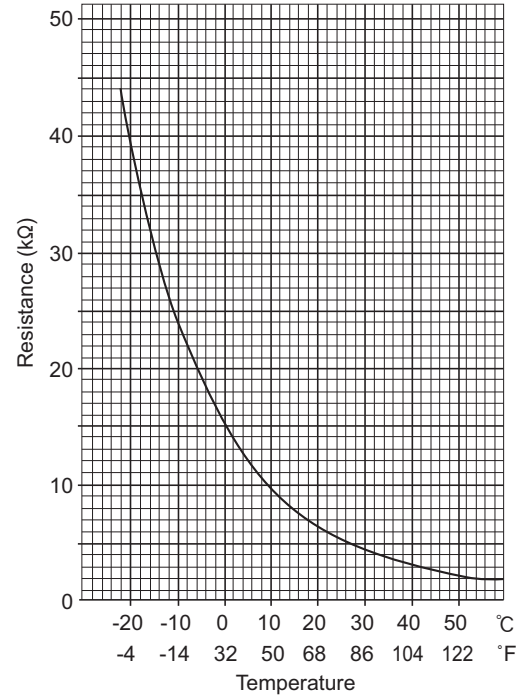
Thermistor $R_0=15k\Omega \pm 3\%$
Fixed number of $B=3480 \pm 2\%$

$$t(^{\circ}C):R_t=15\exp\left\{3480\left(\frac{1}{273+t}-\frac{1}{273}\right)\right\}$$

$$T(^{\circ}F):R_t=15\exp\left\{3480\left(\frac{1}{273+\frac{T-32}{1.8}}-\frac{1}{273}\right)\right\}$$

0°C (32°F)	15kΩ
10°C (50°F)	9.6kΩ
20°C (68°F)	6.3kΩ
25°C (77°F)	5.4kΩ
30°C (86°F)	4.3kΩ
40°C (104°F)	3.0kΩ

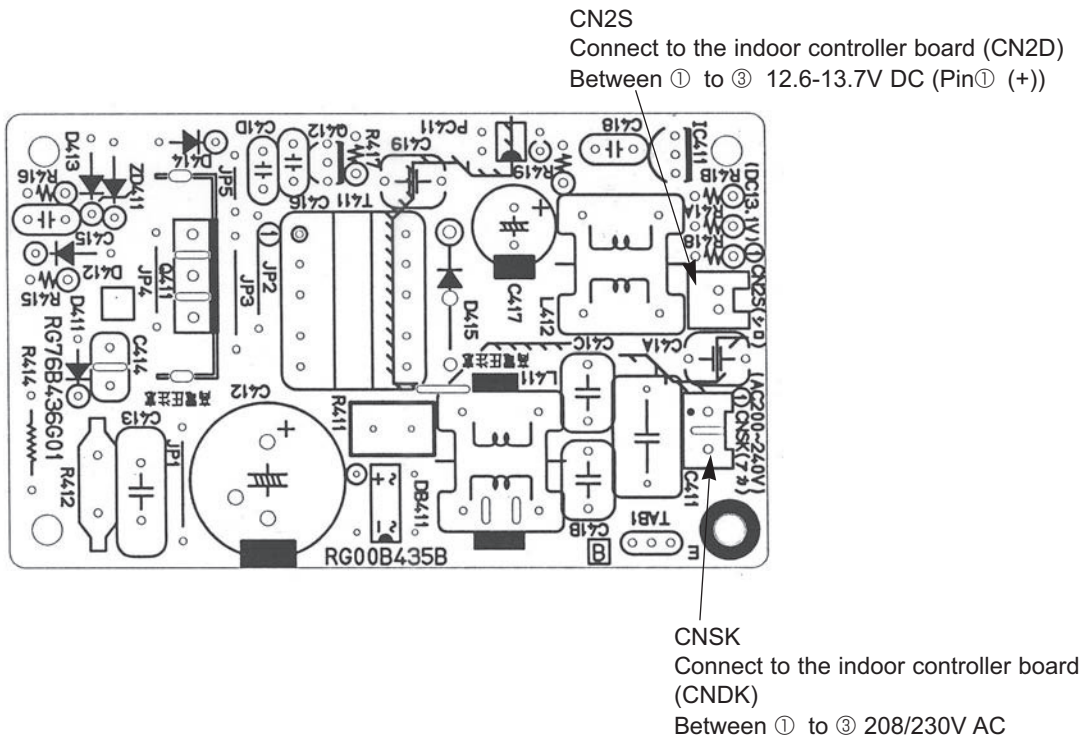
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10-6.TEST POINT DIAGRAM

10-6-1. Power board

PCA-A24GA	PCA-A30GA	PCA-A36GA	PCA-A42GA
PCA-A24GA ₁	PCA-A30GA ₁	PCA-A36GA ₁	PCA-A42GA ₁
PCA-A24GA ₂	PCA-A30GA ₂	PCA-A36GA ₂	PCA-A42GA ₂



10-6-2. Indoor controller board

PCA-A24GA

PCA-A30GA

PCA-A36GA

PCA-A42GA

PCA-A24GA₁

PCA-A30GA₁

PCA-A36GA₁

PCA-A42GA₁

PCA-A24GA₂

PCA-A30GA₂

PCA-A36GA₂

PCA-A42GA₂

