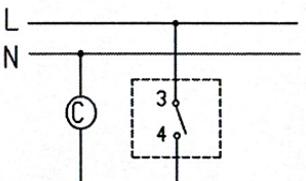


TYPICAL WIRING DIAGRAM



NOTE:
1. 3-4 Main switch closes on temperature rise
2.C:compressor

Operating Temperature (mmHg)	Warm	Normal	Cold
SIGNAL IN(°C)			
CUT IN(°C)			
CUT OUT(°C)			
DIFF(°C)			
The second testing temp is taken as an accurate value.			
Operating Temperature (760mmHg)	Warm	Normal	Cold
SIGNAL IN(°C)			
CUT IN(°C)	-2±1.5		
CUT OUT(°C)	-11±1.5		-21±2.5
DIFF(°C)			
The second testing temp is taken as an accurate value.			
Electrical Ratings	Rated Volts (V)	Power Factor (Cosφ)	AC
	Rated Amperes (A)		250 120
	Non-inductive Current	1	0.5~6 1~10
	Inductive Load	Full Load 0.75	0.5~6 1~10
	Load	Locked Rotor 0.45	0.5~36 1~40
Insulation Resistance	More than 100MΩ with a DC500V megger		
Dielectric Strength	AC 1500V for one minute		
Kind of charge	Gas(R290)		
Conditions of Operating Temp.	TS>TB TS: Temperature Around the Main Frame TB: Temperature around the Sensing Element		
Response Characteristic of Sensing Element	Temp. change rate: ≤ 1°C/min		
Max. Temperature	Around the Main Frame: 70°C Around the Sensing Element: 80°C		
Life of Contact	200,000 Cycles		
Rotating Moment of Adjusting shaft	COLD — WARMER 0.02~0.35N.m WARMER — OFF less than 0.6N.m		

Remarks :

1. The length of capillary immersed in the testing medium shall reach more than 150 mm.
2. The temperature characteristic is under 760mmHg of atmosphere at 25°C
3. Thermostat shown in COLD position
4. The material requests according to the RoHS.

					Customer: VETRA
					Customer code:
					Tongbao code: KPF21L8
Edition	Re-Jigger Number	SIGN	DATE		Design Mark
DESIGNED BY	S. B. Chen	18.3.13			Number
CHECKED BY	W. G. Tan	18.3.15			Weight(kg)
INSPECTED BY	G. H. Chen	18.3.15			Proportion
APPROVED BY	L. H. Lin	18.3.16			A 1:1
					FOSHAN TONGBAO HUATONG CONTROLLER CO., LTD.
					WIRING DIAGRAM