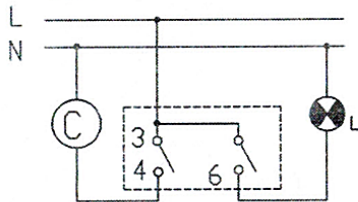


TYPICAL WIRING DIAGRAM



NOTE:

1. 3-4 Main switch: closes on temperature rise
2. 3-6 Signal switch: closes at temperature rise
3. C: compressor
4. L: Signal Lamp

Operating Temperature (mmHg)	EXTRA COLD	Warm	Normal	Cold
	Signal in			
	ON(°C)			
OFF(°C)				

The second testing temp is taken as an accurate value.

Operating Temperature (760mmHg)	EXTRA COLD	Warm	Cold	PD
	Signal in			
	ON(°C)	-15.1±1.5	-18.8±2.5	-22
OFF(°C)	-20±1.5	-24±2.5	-28±2.5	

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		3-4/3-6	3-4/3-6
	Inductive Load	Full Load	0.75		0.5-6	1-10
	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

Remarks :

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

				Customer: VETRA			
				Customer code:			
				Tongbao code: KPF28P9			
Edition		Rejigger Number	SIGN	DATE	Pressure Thermostat		
DESIGNED BY	S. B. Chen		18.2.27				
CHECKED BY	W. G. Tam		18.2.27				
INSPECTED BY	G. H. Chen		18.2.27				
APPROVED BY	L. M. Lin		18.2.27				
					WIRING DIAGRAM		
					FOSHAN TONGBAO HUATONG CONTROLLER CO.,LTD.		