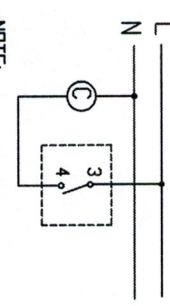


TYPICAL WIRING DIAGRAM



NOTE:
1. 3-4 Main switch/closes on temperature rise
2. 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)			
CUT OUT(°C)			
DIFF(°C)			

The second testing temp is taken as an accurate value.

Electrical Ratings	Rated Volts (V)		
	Rated Amperes (A)	250	120
Non-inductive Current	3-4	3-4	
Inductive Load	1	0.5-6	1-10
Locked Rotor	0.75	0.5-6	1-10
Insulation Resistance	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
Life of Contact	Around the Sensing Element : 80°C
Rotating Moment of Adjusting shaft	200,000 Cycles
	COLD — WARNER 0.02-0.35N·m WARMER — DFF 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 a 760mmHg of atmosphere at 25°C.
3. Thermostat shown in COLD position
4. The material requests according to the RoHS.

DESIGNED BY	S. B. Chen	18.3.13	Refriger Number	SIGN	DATE
CHECKED BY	W. G. Tam	18.3.15			
INSPECTED BY	G. H. Chen	18.3.15			
APPROVED BY	L. M. Sun	18.3.15			
Pressure Thermostat					
WIRING DIAGRAM			Customer: VETRA		
			Customer code:		
			Tongbao code: KPF28V2		
			Design Mark		
			Number Weight(kg) Proportion		
			A		
			1:1		
FOSHAN TONGBAO HUATONG CONTROLLER CO., LTD.					