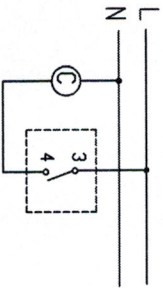


TYPICAL WIRING DIAGRAM



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

Edition	Refriger Number	SIGN	DATE	Pressure Thermostat	WIRING DIAGRAM	FOSHAN TONGBAO HUATONG CONTROLLER CO.,LTD.
DESIGNED BY	S. B. Chen	18.3.13				
CHECKED BY	W. G. Tom	18.3.15				
INSPECTED BY	G. H. Chen	18.3.15				
APPROVED BY	L. M. Liu	18.3.16				
Customer: VETRA				Customer code: K50-L3424		
Tongbao code: KPF25X				Design Mark		
Number				Weight(kg)		
A				Proportion		
				1/1		

Operating Temperature (737mmHg)	Warm	Normal	Cold
	SIGNAL IN(°C)	CUT IN(°C)	CUT OUT(°C)
Operating Temperature (760mmHg)	Warm	Normal	Cold
	SIGNAL IN(°C)	CUT IN(°C)	CUT OUT(°C)
The second testing temp is taken as an accurate value.			
Electrical Ratings	Rated Amperes (A)	Power Factor (Cosφ)	AC
	Non-inductive Current	1	250 3-4 3-4
Insulation Resistance	Full Load	0.75	0.5-6 1-10
	Locked Rotor	0.45	0.5-36 1-40
Dielectric Strength	AC 1500V for one minute		
Kind of charge	Gas(R290)		
Conditions of Operating Temp.	TS>TB	TS: Temperature Around the Main Frame	
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.		