



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

Operating Temperature (mmHg)	The second testing temp is taken as an accurate value.		
	Warm	Normal	Cold
SIGNAL IN(°C)			
CUT IN(°C)			
CUT OUT(°C)			
DIFF(°C)			

Operating Temperature (760mmHg)	The second testing temp is taken as an accurate value.		
	Warm	Normal	Cold
SIGNAL IN(°C)			
CUT IN(°C)			
CUT OUT(°C)			
DIFF(°C)			

Electrical Ratings	Rated Volts (V)	
	Rated Amperes (A)	Power Factor (Cosφ)
Non-Inductive Current	1	0.5-0.6
Inductive Full Load	0.75	0.5-0.6
Load	Locked Rotor 0.45	0.5-0.36

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.	T>T <sub>S</sub> : Temperature Around the Main Frame T <sub>B</sub> : 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 a 760mmHg of atmosphere at 25°C  
 3. Thermostat shown in COLD position  
 4. The material requests according to the ROHS.

Edition	Rejigger Number	SIGN	DATE
DESIGNED BY			
CHECKED BY			
INSPECTED BY			
APPROVED BY			

Pressure Thermostat

Customer: VETRA

Customer code:

Tongbao code: KXF24A2

Design Mark

Number Weight(kg) Proportion

A

1:1

WIRING DIAGRAM

FOSHAN TONGBAO HUATONG CONTROLLER CO.,LTD.