



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)		35±1.5	
CUT OUT(°C)			
DIFF(°C)		-10±2.5	
The second testing temp is taken as an accurate value.			
Electrical Ratings	Rated Volts (V)	Power Factor (Cosφ)	AC
			230
Rated Amperes (A)	Non-Inductive Current	Inductive	3-4
			3-4
Load	Full Load	Locked Rotor	0.5-6
			0.5-6
Insulation Resistance	Dielectric Strength	Kind of charge	0.5-36
			More than 100MΩ with a DC500V megger
Conditions of Operating Temp.	Response Characteristic of Sensing Element	Max. Temperature	Gas(R290)
			TS)TB TS: Temperature Around the Main Frame TB: Temperature around the Sensing Element
Life of Contact	Rotating Moment of Adjusting shaft	Temp. change rate: ≤ 1°C/min	Around the Main Frame: 70°C
			Around the Sensing Element :80°C
<b>REMARKS:</b> 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		Customer: VETRA	
DESIGNED BY	Reg. No.	Customer code:	
S. B. Chen	18.3.13	Tongbao code: KDF23S2	
CHECKED BY	SIGN	Design Mark	Weight(kg)
W. G. Tan	18.3.15	A	11
INSPECTED BY	DATE	FOSHAN TONGBAO HUATONG CONTROLLER CO., LTD.	
G. H. Chen	18.3.16	WIRING DIAGRAM	
APPROVED BY			