



NOTE:
1. 3-4 Main switchcloses on temperature rise
2. C compressor

Edition		Rejigger Number		SIGN		DATE	
DESIGNED BY		S. B. Chen		16.9.6		16.9.6	
CHECKED BY		M. G. Tan		16.9.6		16.9.6	
INSPECTED BY		G. H. Chan		16.9.6		16.9.6	
APPROVED BY		L. M. Sun		16.9.6		16.9.6	
Pressure Thermostat				WIRING DIAGRAM			
Customer: VETRA		Customer code: KDF10C		Design Mark		FOSHAN TONGBAO HUATONG CONTROLLER CO., LTD.	
Customer code: Tongbao code: KDF10C		Number/Weight(kg)		Proportion		A	
						1:1	

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. The adjusting shaft is set at COLD before delivery.
4. The material requests according to the ROHS.

Operating Temperature (mmHg)	WARM	Normal	Cold
	CUT IN(°C)		
Operating Temperature (760mmHg)	WARM	Normal	Cold
	CUT IN(°C)	6±1.5	-10±1.5
Operating Temperature (760mmHg)	CUT OUT(°C)		
	DIFF(°C)	-1±2.5	-10±1.5
The second testing temp is taken as an accurate value.			
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Electrical Ratings	Rated Volts (V)	AC	250
	Rated Amperes (A)	Power Factor (Cosφ)	0.5--6
Electrical Ratings	Non-inductive Current	1	0.5--6
	Inductive Load	0.75	0.5--6
Insulation Resistance	More than 100MΩ	with a DC500V megger	0.5--36
	Dielectric Strength	AC 1500V for one minute	
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: 180°C		
	Rotating Moment of Adjusting shaft	200,000 Cycles	
Life of Contact	COLD	WARMER	0.02--0.35N.m
	WARMER	DIFF	less than 0.6N.m