



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

DESIGNED BY	S. B. Chen	18.3.13	Pressure Thermostat	Customer: VETRA
CHECKED BY	W. G. Tan	18.3.15		
INSPECTED BY	G. H. Chan	18.3.15	WIRING DIAGRAM	FUSHAN TONGBAO HUATONG CONTROLLER CO., LTD.
APPROVED BY	L. H. Lim	18.3.16		
Re Jigger Number			Customer code: TAM145-2M-1 or sk	
Signature			Tongbao code: KXF27E2	
DATE			Design Mark	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. Thermostat shown in COLD position
 4. The material requests according to the RoHS.

Operating Temperature (mmHg)	Warm	Normal	Cold
	SIGNAL IN(°C)		
Operating Temperature (760mmHg)	Warm	Normal	Cold
	SIGNAL IN(°C)		
The second testing temp is taken as an accurate value.	CUT IN(°C)		
	CUT OUT(°C)		
The second testing temp is taken as an accurate value.	DIFF(°C)		
	DIFF(°C)		
Electrical Ratings	Rated Amperes (A)	250	120
	Power Factor (Cosφ)	3-4/3-6	3-4/3-6
Insulation Resistance	Non-inductive Current	0.5-6	1-10
	Inductive Load	0.5-6	1-10
Dielectric Strength	Full Load	0.5-6	1-10
	Locked Rotor	0.45	0.5-36
Conditions of Operating Temp.	More than 100MΩ	with a DC500V megger	
	AC 1500V for one minute		
Response Characteristic of Sensing Element	Temp. change rate: ≤ 1°C/min		
	TS/TB	TS: Temperature Around the Main Frame TB: Temperature around the Sensing Element	
Max. Temperature	Around the Main Frame: 70°C		
	Around the Sensing Element: 80°C		
Life of Contact	200,000 Cycles		
	COLD — WARMER 0.02-0.35N/m		
Rotating Moment of Adjusting shaft	WARMER — OFF less than 0.6N/m		