



Operating Temperature	COLD			NORMAL			WARM		
	DN (°C)	-11±2.5	-3.5±1.5	3.5±2.5	12.5±1.5	19.5±2.5	26.5±2.5	33.5±2.5	40.5±2.5
DFF (°C)	-25±2.5	-14.5±1.5	-5.5±2.5	4.5±2.5	15.5±1.5	26.5±2.5	37.5±2.5	48.5±2.5	59.5±2.5
DIFF (°C)	---	---	---	---	---	---	---	---	---

The second testing temp is taken as an accurate value.
The temp. in brackets is reference value.

Electrical Ratings	Rated Volts (V)		Power Factor (Cosφ)	
	Rated Amperes (A)	Non-inductive Current	1	2
Inductive Load	Full Load	0.75	1--8	0.5--5
	Locked Rotor	0.45	1--36	0.5--24

Contact Form: (S.P.S.T) Arrow Mark indicates temp. rise.

Execution Standard: IEC60730-1, IEC60730-2-9

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. TS > TBTS: Temp. around the main frame
TB: Temp. around the sensing element

Sensitivity of Sensing Element: Testing medium: Liquid
Temp. change rate: ≤ 0.5°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 --- WARM 0.02-0.35Nm
WARM --- Forced DFF less than 0.45Nm

Remarks:
1. The length of capillary immersed in the testing medium shall reach more than 150mm.
2. The adjusting shaft is placed at NORMAL before delivery.
3. The temperature characteristic is under a 101.3kPa of atmosphere.
4. CLASS I APPLIANCE, Pollution degree 3.

Edition		A01.1	
DESIGNED BY	Reviser Number	SIGN	DATE
CHECKED BY			
INSPECTED BY			
TECHNOLOGY			
APPROVED BY			
General Pressure Thermostat		WPF25N-001-322	
WIRING DIAGRAM		FOSHAN TONGBAO HUATONG CONTROLLER CO., LTD.	
S		1:1	