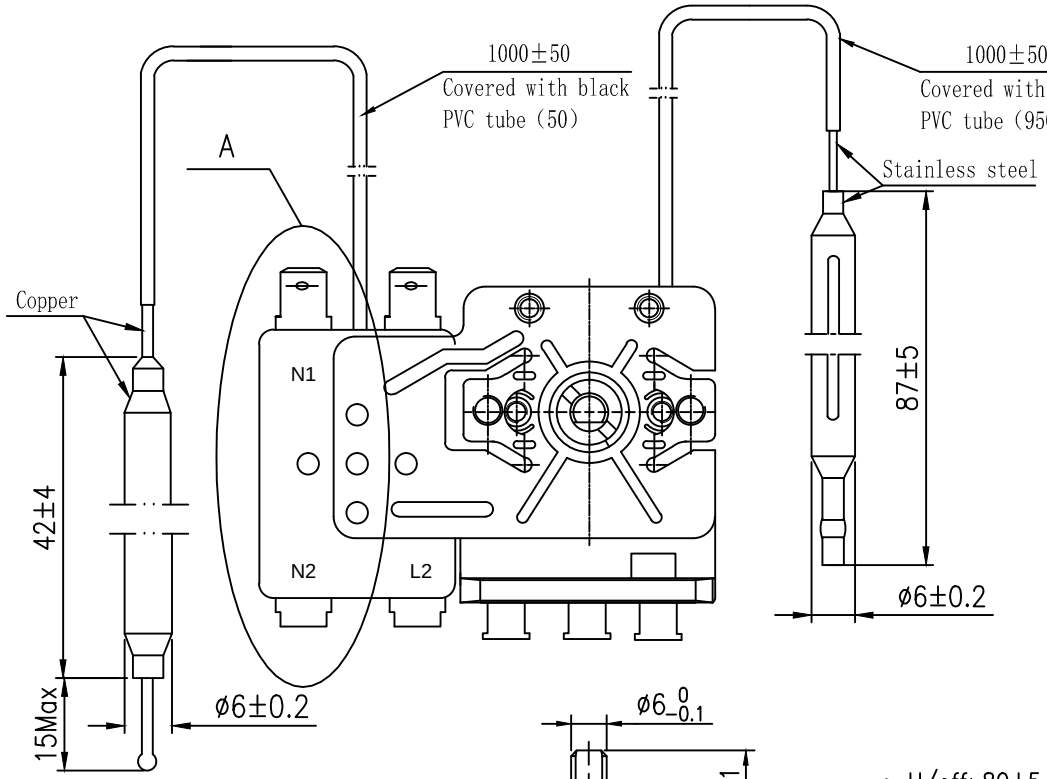
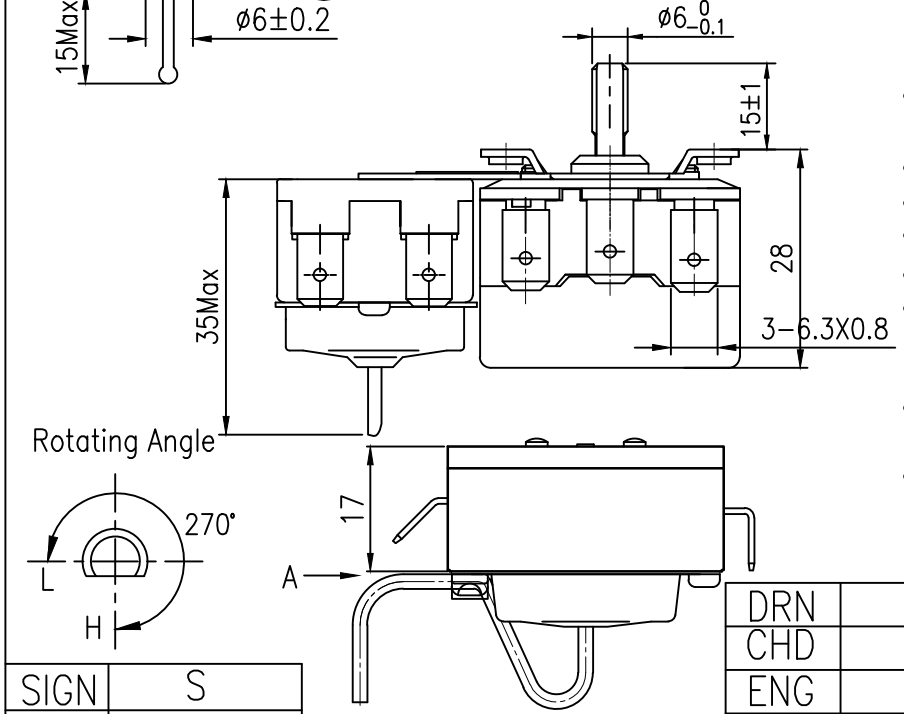
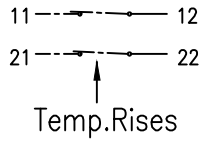




Technical Parameter(Limiter)

1.Cut-off temperature: 90±5°C
2.Reset mode: manual reset <40°C
3.Rated voltage: AC 250V Rated current: AC 20A
4.Electric diagram:



5.Contact resistance: <50m (under normal condition)
6.Insulation resistance: >100M (under normal condition)
7.Dielectric strength: AC 2000V 1min (under normal condition)
8.Temperature change speed: <1.0°C/min
9.Life of contact: >6000 cycles
10.Capillary in bath: ≥150mm
11.When there is any leak on capillary or bulb, the thermostat will be off
12.The operating temperature above is 25°C ambient temperature (temperature around the switch body), if the ambient temperature changes , the operating temperature need to be modified.

Technical Parameter(Controller)

- H/off: 80±5 °C Diff: 5.5±3.5°C
  L/off: (0°C)
- Breaking capacity: C-1 25A 277V~ C-2 3A 277V~
- Insulation Resistance: >100MΩ
- Dielectric Strength:AC 2000V 1min
- Temperature change speed: <1.0°C/min
- Maximun temperature:
  Around the Switch Head T80°C
  Around the Sensing Bulb 110°C
- Rotating Torque of
  Adjustment Shaft:<0.4Nm
- Life of Product:30,000 Cycles

REMARK:
The operating temperature above is at 25℃ ambient temperature (temperature around the switch body),if the ambient temperature changes,the operating temperature needs modified.
Temperature modified value:C=-0.18(K/K)
The scheme shows the H temperature position.
The product has been given the following safty approval:CUL .

SIGN	S
DATE	Jun.16.2017

DRN		Liquid Expansion Type Thermostat	Customer: VETRA
CHD			Customer code:
ENG			Tongbao code: WYG80B-061-H/WQB90AB
APPR		WIRING DIAGRAM	FOSHAN TONGBAO HUASHENG CONTROLLER CO., LTD.