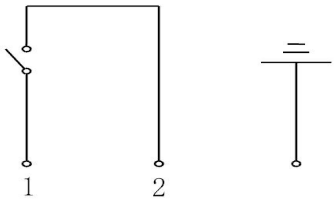
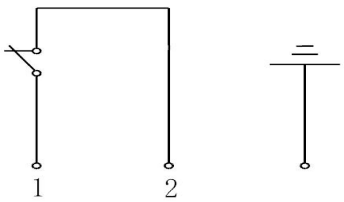
wiring diagram



normally open



normal close

principle and characteristics

T210 series adopts the principle of bimetallic sheet, when the temperature reaches the set value, a section of bimetallic sheet made into an annular bending shape is heated and expanded to trigger the built–in device, switch action.
T210 and medium contact parts are made of yellow copper material. There are three kinds of connection screw: G1/4,G3/8,M22 × 1.5 for choice. The temperature range is 30℃... 120 ℃.

product application

T210 series temperature switches can meet the different requirements for temperature control in hydraulic, lubricating and transmission series, and are used to detect whether the temperature exceeds the maximum or minimum limit.

technical specification

- Measuring range: fixed switch point 30℃... 120℃ (see the table below)
- Maximum pressure: 100bar
- medium temperature: 130℃ maximum
- Output: normally open/normally closed optional contacts silver plated
- Contact capacity: capacity 16A–220VAC
- Fixed hysteresis: Max. 15℃ (BBB 0 80℃)
- Protection grade: IP65
- Connection mode: Decci plug
- Contact part material: brass
- Shell material: black NBR

Selection table

T210–	A	030	G4	H	T	N	–	Selection table
T210–								T210 series mechanical temperature switch
		030						30℃ ± 5℃
		040						40℃ ± 5℃
		050						50℃ ± 5℃
		060						60℃ ± 5℃
		070						70℃ ± 5℃
		080						80℃ ± 5℃
		090						90℃ ± 5℃
		100						100℃ ± 5℃
		110						110℃ ± 5℃
		120						120℃ ± 5℃
								Special custom temperature
			G4					Interface thread: G1/4
			G8					Interface thread: G3/8
			G2					Interface thread: G1/2
			M4					Interface thread: M14*1.5
			M2					Interface thread: M22*1.5
								Custom threads, such as NPT1/2, type N12
				H				external thread
					T			Yellow brass
						N		normally open
						F		normal close
								Length of special rod mm (including thread)