

# KSD305 Series

## BIMETAL THERMAL PROTECTOR

KSD305 series snap-action defrost thermostat is a kind of waterproof bimetal thermal protector. It is of single-pole single-throw structure and works under resistive load. Thermostat is enveloped by epoxy resin. The product series is widely used as heating compensated switch or automatic defrosting control switch in air-cooling frostless refrigerators.



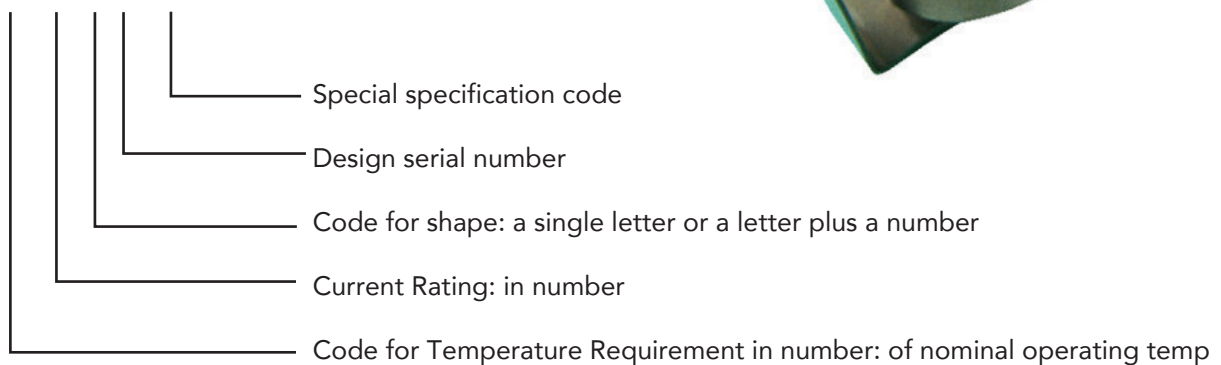
### Technical Parameters:

Rated Current:	25A (Resistive)
Operating temperature:	-5°C~100°C
Tmax:	Long Term 140°C / Short term (≤15 min): 170°C
Insulation resistance in water 100MΩ:	With a DC500V megger in water, the tested value is over 100MΩ
Cold-resistant temperature:	-40°C
Life Cycles:	30,000
Class of temp. characteristics:	Auto-reset, normal close, normal open
Switch Structure:	SPST
Lead wires and terminals:	According to client's request



### Code System:

**KSD305 - X / X X X - X**

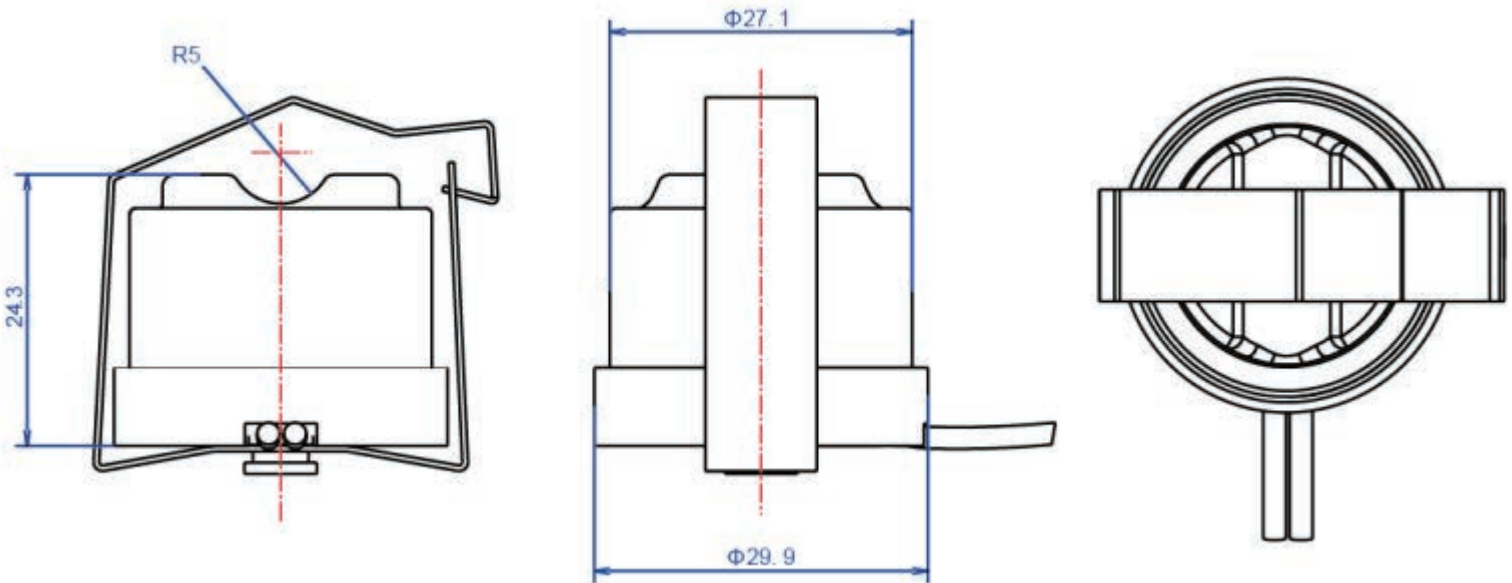


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### Dimensions:



### Directions for Use and Installation:

In the event that the thermostat is employing contact temperature sensing, its cover shall be adhered to the installation position of a controlled appliance.

The cover shall show no cave-in or deformation resulting in operating temperature variation or bad influence on other performances.

No excessive force shall be applied to working parts, to prevent them from defects such as cracking base, distorted terminal and wire lead coming off.

The plastic envelope must be kept intact in the course of installation and usage.



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