



H20 H21-SERIES

厂家直销 优质服务 品质保证

FACTORY DIRECT SALES QUALITY SERVICE QUALITY ASSURANCE

体积小、反应快、寿命高、防真空浸漆工艺

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H20, H21 series thermal protector working principle

H20, H21 series thermal protector is a bimetal with a certain geometry, no need for auxiliary mechanism, only the bi-metal's own temperature and current thermal effect, the state of the bimetal element changes rapidly, directly driving the contact to achieve automatic cutting And the circuit is turned on to protect against overheating and overloading.

H20, H21 series thermal protector application range

Widely used in household electrical appliances and electrical equipment, such as electric blankets, wall heating, floor heating, washing machine motors, soymilk motors, fan motors, air conditioning motors, fractional horsepower motors, DC motors, AC brushless motors, pumps, transformers, ballasts, lamps, rechargeable battery packs, electric heaters, etc.

H20, H21 series thermal protector technical parameters

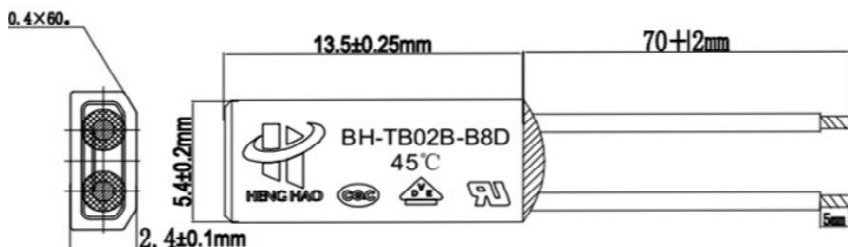
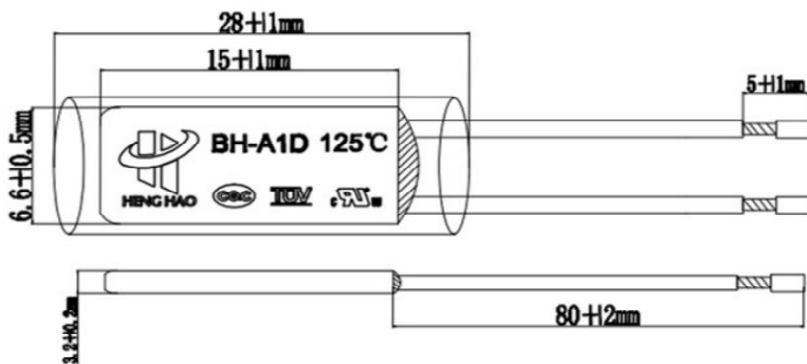
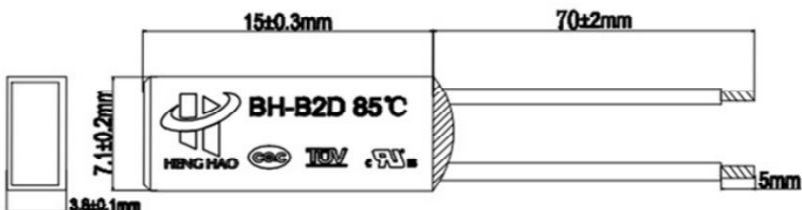
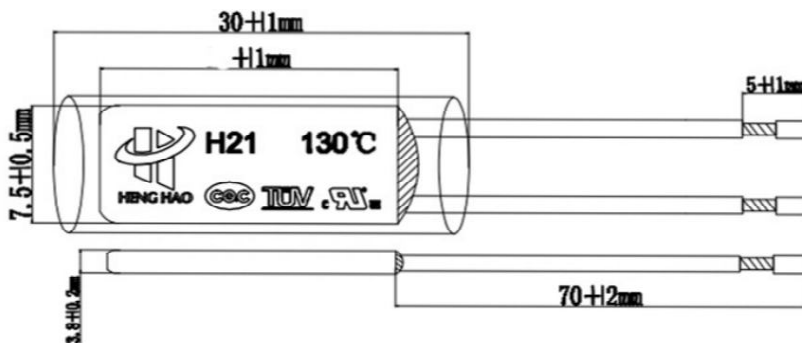
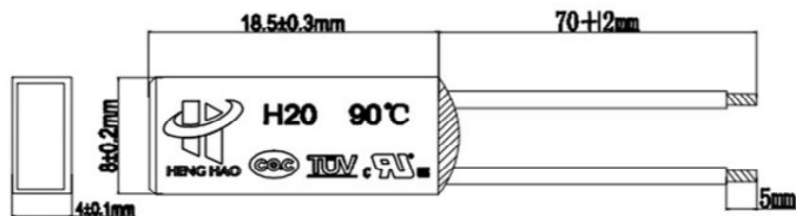
- (1) Contact form: normally open, normally closed
- (2) Contact capacity: 10A/AC120V; 8A/AC250V; 10A/AC250V; 16A/AC250V
- (3) Normal contact resistance $\leq 50m\Omega$
- (4) Insulation resistance $\geq 100m\Omega$
- (5) Temperature range: 40~150 degrees
- (6) outer casing: iron shell; molded shell
- (7) Life: $\geq 10,000$ times
- (8) size

Product number	Length	Width	High (mm)	Electrical rating	Wire (mm)
BW iron shell	18.5	7.5	3.8	5A/250V	AWG#22, AWG#20 high temperature silicone line
BW molded case				10A/250V	

(9) Operating temperature and reset temperature comparison table

Code Number	Operating	Reset	Code Number	Operating	Reset
40	40°C±5°C	≥30°C	100	100°C±5°C	80±10°C
45	45°C±5°C	≥30°C	105	105°C±5°C	70±12°C
50	50°C±5°C	≥30°C	110	110°C±5°C	75±12°C
55	55°C±5°C	≥30°C	115	115°C±5°C	80±12°C
60	60°C±5°C	40±10°C	120	120°C±5°C	85±12°C
65	65°C±5°C	45±10°C	125	125°C±5°C	90±12°C
70	70°C±5°C	50±10°C	130	130°C±5°C	95±12°C
75	75°C±5°C	55±10°C	135	135°C±5°C	100±12°C
80	80°C±5°C	60±10°C	140	140°C±5°C	105±12°C
85	85°C±5°C	65±10°C	145	145°C±5°C	110±12°C
90	90°C±5°C	70±10°C	150	150°C±5°C	115±12°C
95	95°C±5°C	75±10°C			

- 1) Small size, easy to install
 - 2) Quick-acting bimetal, fast response
 - 3) Life expectancy is up to 10,000 times
 - 4) Anti-vacuum dipping process
 - 5) Can replace SENSATA17AM
- Product size specification chart:



Products have passed UL CQC TUV ROHS certification