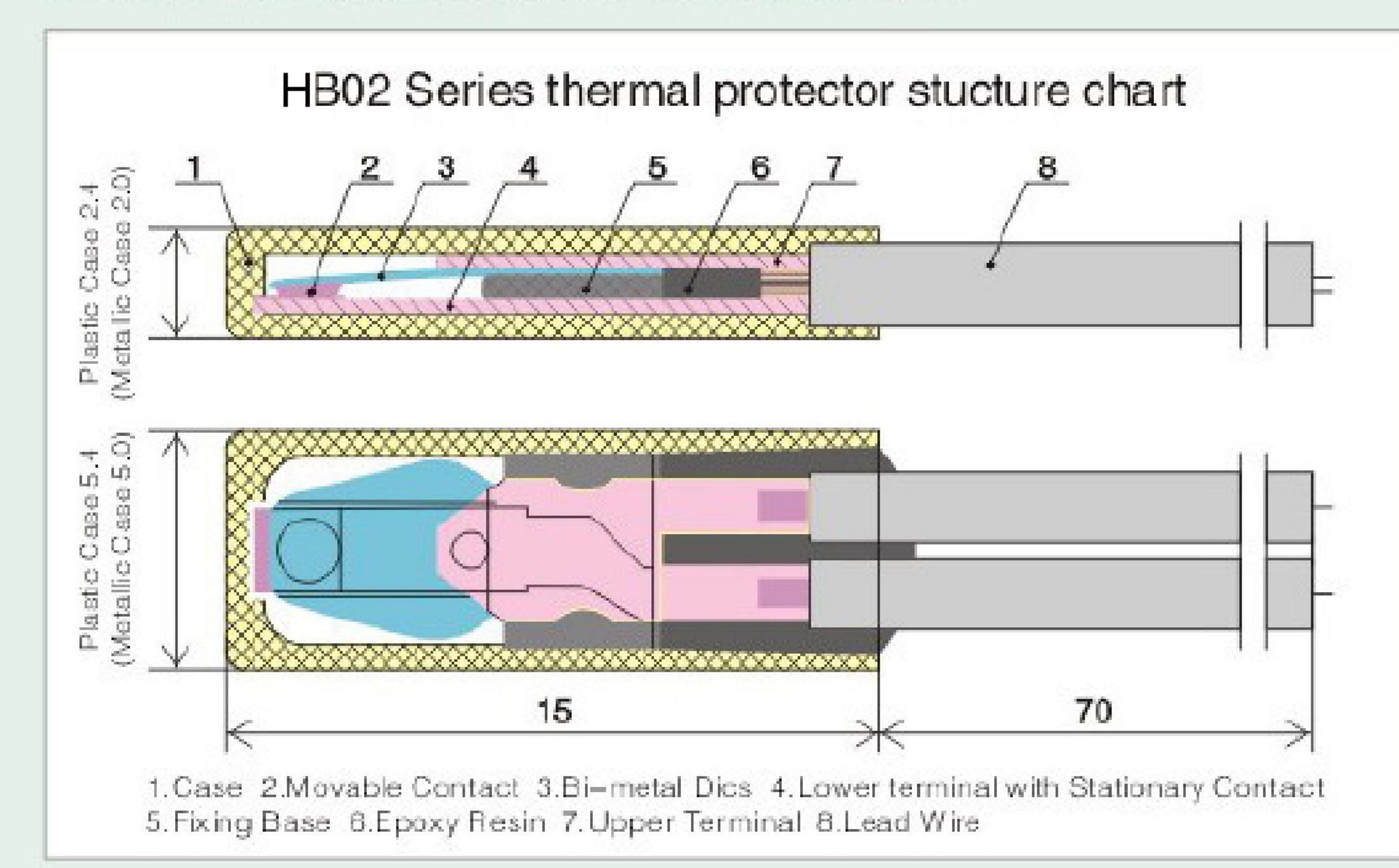


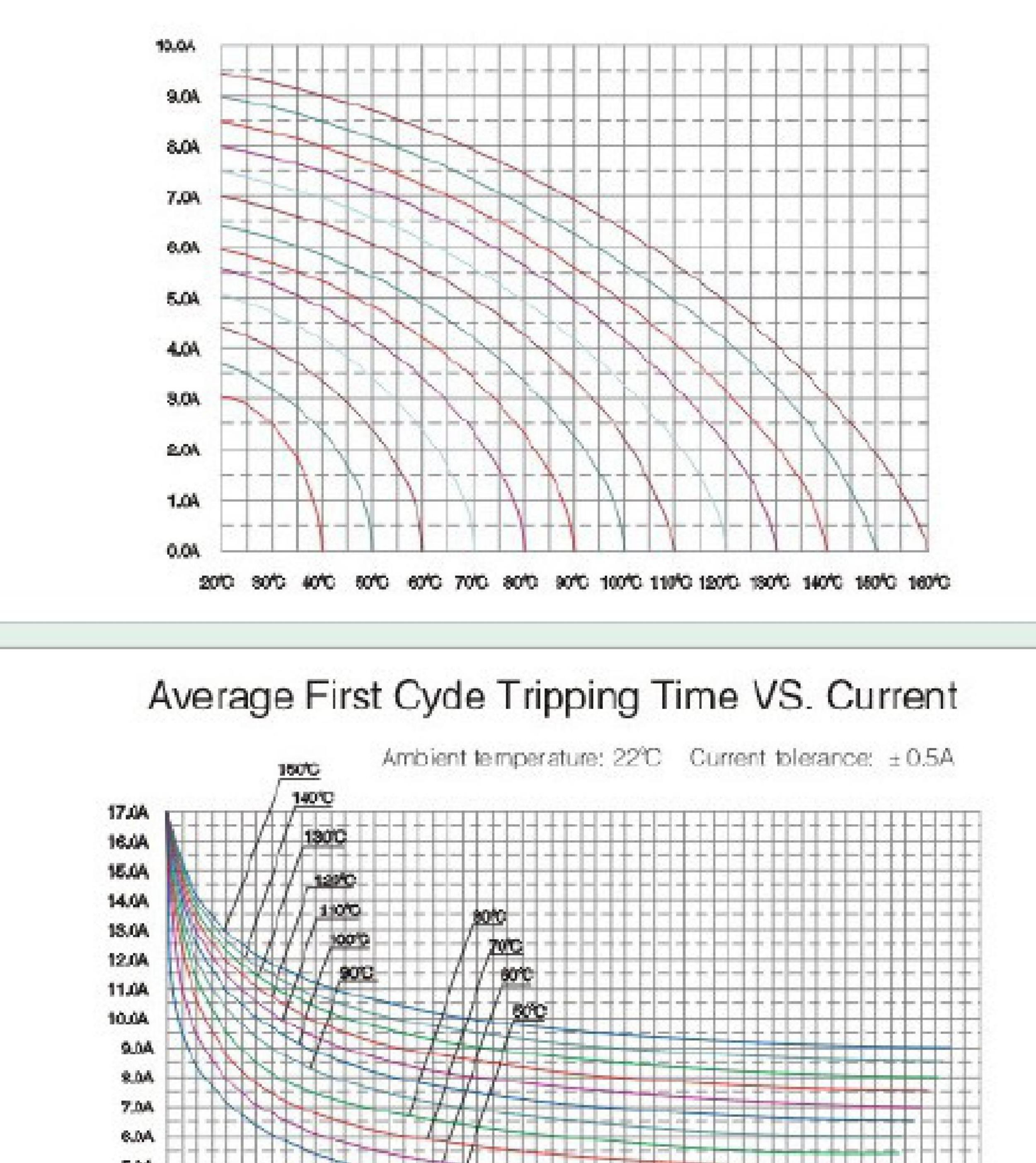
# HB02 SERIES / HB02 系列產品

## The smallest-size thermal protector in China 國内最小體積的熱保護器,榮獲國家專利





Ultimate Trip Currnet VS. Ambient Temperature

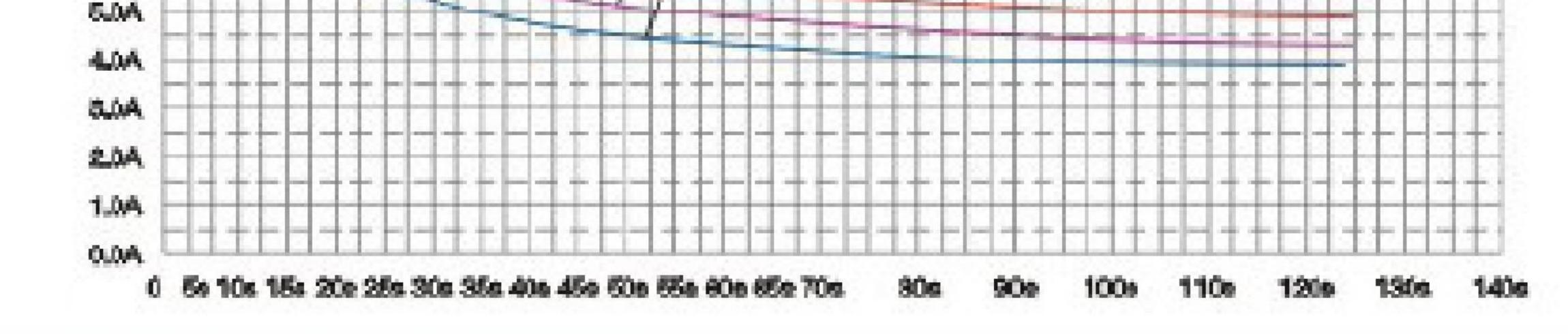


### KEY BENEFITS 產品優勢

- O Miniature size
- $\odot$  low resistance <25m  $\Omega$
- O Positive make and break with snap-action disc
- Repeatable temperature performance over life
- Gasketed case suitable for most impregnation
   [Instance]
   [Instance processes
- O Current and temperature sensitivity for maximum design flexibility and application
- Wide selection of leads
- O Substitute SENSATA 4MM/6MM, PEPI and ISUZU IP405/505 series
- ◎ 體積小, 便于安装
- ② 内阻低,小于25 mΩ
- ③ 速動型雙金屬片,反應速度快
- O 壽命高達10000次以上
- ◎ 防真空浸漆工藝
- ◎ 電流温度雙重保護
- ◎ 引綫可根據要求定制
- ◎ 可替代SENSATA 4MM/6MM, PEPI, ISUZU IP405/505等進口產品

## APPLICATION 應用範圍

- ◎ 充電電池組 O Battery packs Shaded pole motors a AC motor and nump
  - ◎ 罩極電機 0 交流馬達和水泵



0	AC motor and pump	Q	父流馬達和不乐
0	Fluorescent lighting ballasts	0	熒光燈鎮流器
0	Transformers	0	變壓器
0	Heating appliance	0	電加熱器具
0	Portable power tools	0	便携式電動工具.

AGENCY	FILE NUMBER	STANDARD NUMBER	APPLICATION
UL	E305764	2111	Motor Protection
VDE	40016121	EN60730-2-2	Motor Protection
TUV	R50109800	EN60730-2-3	Lighting protection
TUV	R50110965	EN60730-2-9	Thermal cut-out
CB	CN5785	IEC60730-2-2	Motor Protection
~~~	000000000000000000000000000000000000000	$\Delta D = A = \Delta D = A = \Delta D$	Motor ProtectionLimit

GB14536.1 GB14536.3

EN60730-2-3

and regulating controls

Lighting and Ballast

CQC05002013372

R50109800

#### MAXIMUM CONTACT RATINGS 觸點最大容量 100000 cycles

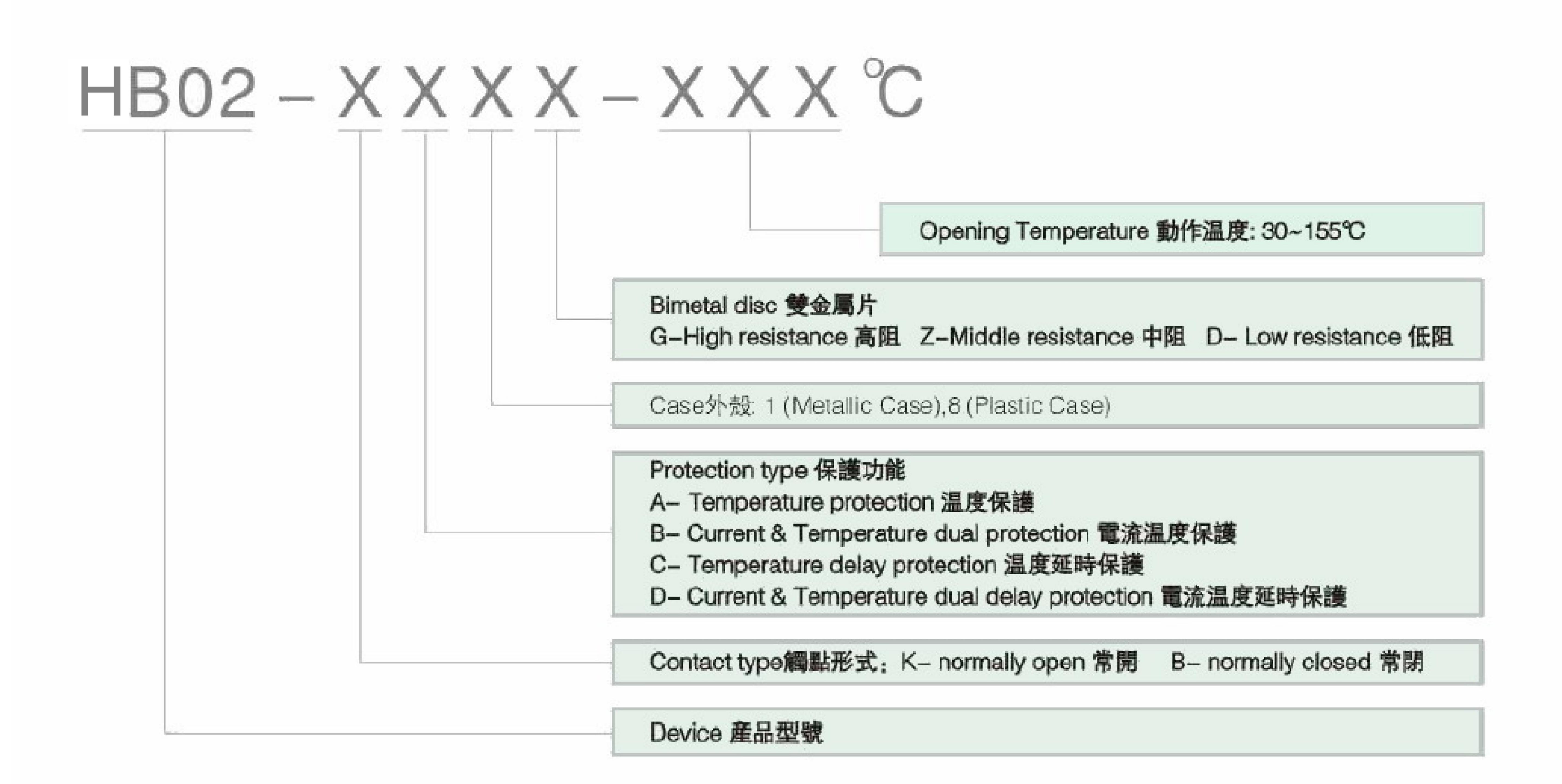
VOLTAGE	CURRENT
12 VDC	4 amperes
24 VDC	3 amperes
125 VAC	3 amperes
250 VAC	2 amperes

#### **CERTIFICATIONS 認證**

CQC

TUV

# CODE SYSTEM 產品編號代碼圖





代码	动作温度	复位温度	代码	动作温度	复位温度
30	30 ± 3°C	≥20°C	95	$95 \pm 5^{\circ}C$	70±15°C
35	$35 \pm 3.5^{\circ}C$	≥25℃	100	$100 \pm 5^{\circ}C$	70±15℃
40	$40 \pm 4^{\circ}C$	≥30°C	105	$105 \pm 5^{\circ}$ C	75±15℃
45	$45 \pm 4.5^{\circ}C$	≥33°C	110	$110 \pm 5^{\circ}C$	75±15°C
50	50 ± 5°C	≥35°C	115	$115 \pm 5^{\circ}C$	80±15°C
55	$55 \pm 5^{\circ}C$	$42 \pm 6^{\circ}C$	120	$120 \pm 5^{\circ}C$	85±15°C
60	60±5°C	45 ± 8°C	125	125±5°C	85±15°C
65	65 ± 5°C	48 ± 10°C	130	$130 \pm 5^{\circ}C$	90 ± 15°C
70	70±5°C	$50 \pm 12^{\circ}C$	135	$135 \pm 5^{\circ}C$	95±15°C
75	75 ± 5℃	$53 \pm 14^{\circ}C$	140	$140 \pm 5^{\circ}C$	$100 \pm 15^{\circ}C$
80	80 ± 5°C	55 ± 15°C	145	$145 \pm 5^{\circ}C$	$100 \pm 15^{\circ}C$
85	85 ± 5°C	60±15°C	150	$150 \pm 5^{\circ}$ C	105 ± 15°C
90	$90 \pm 5^{\circ}C$	65±15°C	155	$155 \pm 5^{\circ}C$	$110 \pm 15^{\circ}C$



MODEL 产品型号	L <b>#</b> €(mm)	W 宽(mm)	H 高(mm)	LEAD WIRE 导线	
HB02-BB8D	15	5.4	2.4	3266——AWG22# 3135——AWG20# or Nickel strip normally. length is 70mm or according to customer's require	
HB02-BB1D	11.5	5.0	2.4		

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