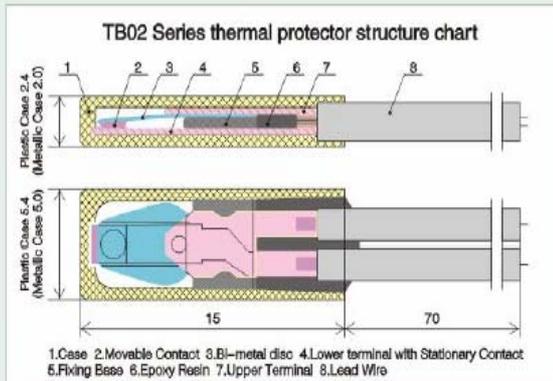
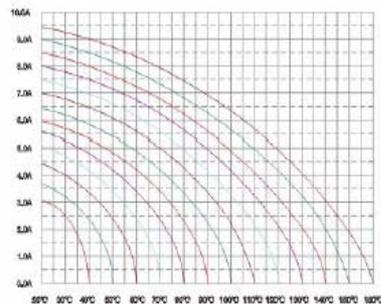


TB02 SERIES / TB02 系列產品

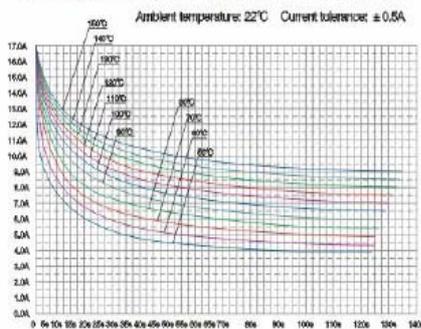
The smallest-size thermal protector in China
國內最小體積的熱保護器，榮獲國家專利



Ultimate Trip Current VS. Ambient Temperature



Average First Cycle Tripping Time VS. Current



KEY BENEFITS 產品優勢

- Miniature size
- low resistance <25mΩ
- Positive make and break with snap-action disc
- Repeatable temperature performance over life
- Gasketed case suitable for most impregnation processes
- Current and temperature sensitivity for maximum design flexibility and application
- Wide selection of leads
- Substitute SENSATA 4MM/6MM, PEPI and ISUZU IP405/505 series
- 體積小，便于安裝
- 內阻低，小于25 mΩ
- 速動型雙金屬片，反應速度快
- 壽命高達10000次以上
- 防真空浸漆工藝
- 電流溫度雙重保護
- 引線可根據要求定制
- 可替代SENSATA 4MM/6MM, PEPI, ISUZU IP405/505等進口產品

APPLICATION 應用範圍

- Battery packs
- Shaded pole motors
- AC motor and pump
- Fluorescent lighting ballasts
- Transformers
- Heating appliance
- Portable power tools
- 充電電池組
- 單極電機
- 交流馬達和水泵
- 熒光燈鎮流器
- 變壓器
- 電加熱器具
- 便携式電動工具

CERTIFICATIONS 認證

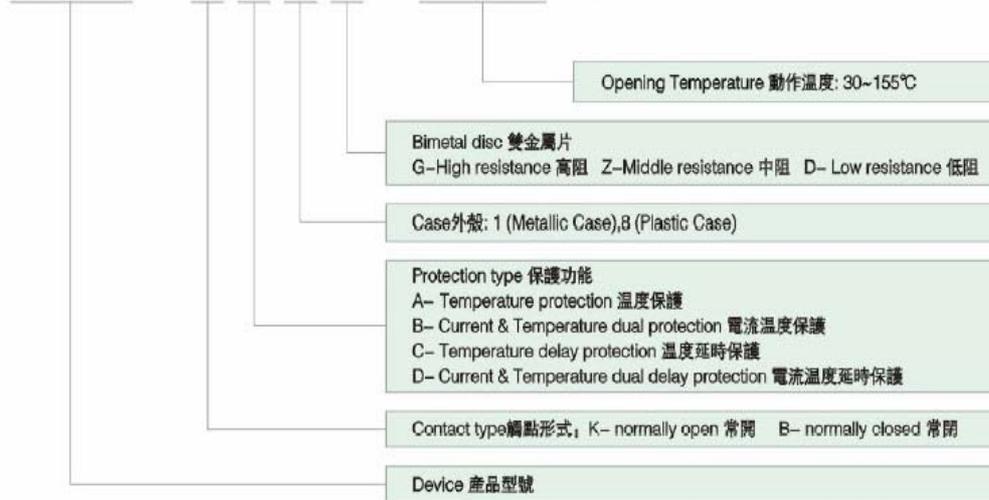
AGENCY	FILE NUMBER	STANDARD NUMBER	APPLICATION
UL	E305764	873	Limit and regulating control
YDE	40016121	EN60730-2-2	Motor Protection
TUV	R50109800	EN60730-2-3	Lighting protection
TUV	R50110965	EN60730-2-9	Thermal cut-out
CB	CN5785	IEC60730-2-2	Motor Protection
CQC	CQC05002013372	GB14536.1 GB14536.3	Motor Protection Limit and regulating controls

MAXIMUM CONTACT RATINGS 觸點最大容量 10000 cycles

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

CODE SYSTEM 產品編號代碼圖

TB02 - X X X X - X X X °C



OPEN TEMP & RESET TEMP 額定動作溫度和復位溫度圖

代 碼	動作溫度	復位溫度	代 碼	動作溫度	復位溫度
30	30 ± 3°C	≥ 20°C	95	95 ± 5°C	70 ± 15°C
35	35 ± 3.5°C	≥ 25°C	100	100 ± 5°C	70 ± 15°C
40	40 ± 4°C	≥ 30°C	105	105 ± 5°C	75 ± 15°C
45	45 ± 4.5°C	≥ 33°C	110	110 ± 5°C	75 ± 15°C
50	50 ± 5°C	≥ 35°C	115	115 ± 5°C	80 ± 15°C
55	55 ± 5°C	42 ± 6°C	120	120 ± 5°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 ± 5°C	90 ± 15°C
70	70 ± 5°C	50 ± 12°C	135	135 ± 5°C	95 ± 15°C
75	75 ± 5°C	53 ± 14°C	140	140 ± 5°C	100 ± 15°C
80	80 ± 5°C	55 ± 15°C	145	145 ± 5°C	100 ± 15°C
85	85 ± 5°C	60 ± 15°C	150	150 ± 5°C	105 ± 15°C
90	90 ± 5°C	65 ± 15°C	155	155 ± 5°C	110 ± 15°C

DIMENSION 產品尺寸圖

MODEL 產品型號	L 長(mm)	W 寬(mm)	H 高(mm)	LEAD WIRE 導線
TB02-BB8D	15	5.4	2.4	3266---AWG22# 3135---AWG20# or Nickel strip normally, length is 70mm or according to customer's requirement
TB02-BB1D	11.5	5.0	2.4	