



# AT100 Series

## BATTERY PROTECTOR

## THERMAL PROTECTOR

AT100 Series are designed as protector of over heating and over current. Meantime, it is offered for battery packs and other DC electronic tools with high quality.

### Specification:

- Working temp. : 45~120
- Temp.diff. : ( ± 5)、(+10-5) 。
- Loaded current : 3~12A(at 25 )  
(Ultimate Trip Current : Please refer U/T curve)
- Insertion resistance : Less than 20mΩ 。
- Maximum breaking current : DC 12 V / 100 A
- Minimum close current : DC 5 V / 10 mA
- Electric rate : DC 18 V / DC 24 V
- Action: snap action

### Approval:

- UL approval no. :E238073
- TUV approval no. : R50042966
- Comply with RoHS of EU  
SGS Report no. : CE/2005/31488-9

|                         |                |
|-------------------------|----------------|
| Ultimate trip current : | 3~9A ( at 25 ) |
| Low Temp. Type :PN      | 3~5A           |
| Normal Type :PN         | 6~9A           |
| Nickel Plate Length     | L27*W3*1.5mm   |

### Feature:

- Auto-reset
- Two protecting functions—over heating and over current
- Small size
- Long life cycle

### Application:

- Laptop battery pack
- battery pack
- Rechargeable products battery pack
- DIY power tools battery pack

| Ultimate trip current: ( at 25 ) |         |                            |
|----------------------------------|---------|----------------------------|
| Type                             | 不動作負載電流 | Lead wire : Length 30~60mm |
| PW                               | 9A      | 22 awg                     |
| PW2                              | 11A     | 20 awg                     |
| PWT2                             | 11A     | 20 awg                     |
| PWT2                             | 12A     | 18 awg                     |

**Accu Therm**

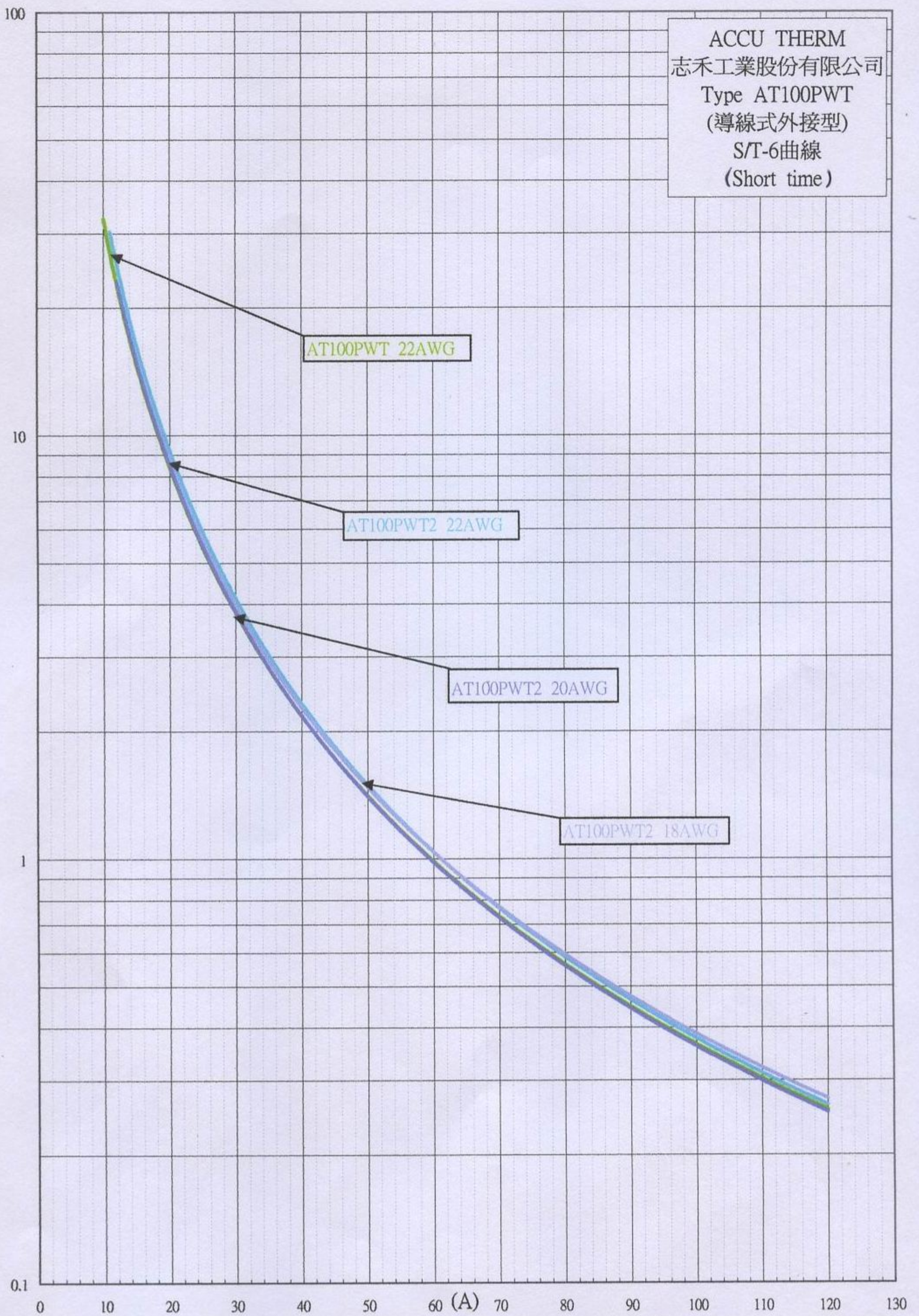
志禾工業股份有限公司  
台北縣土城市工業區成功街 9 號  
Tel:886-2-2268-3268  
Fax:886-2-2268-4021

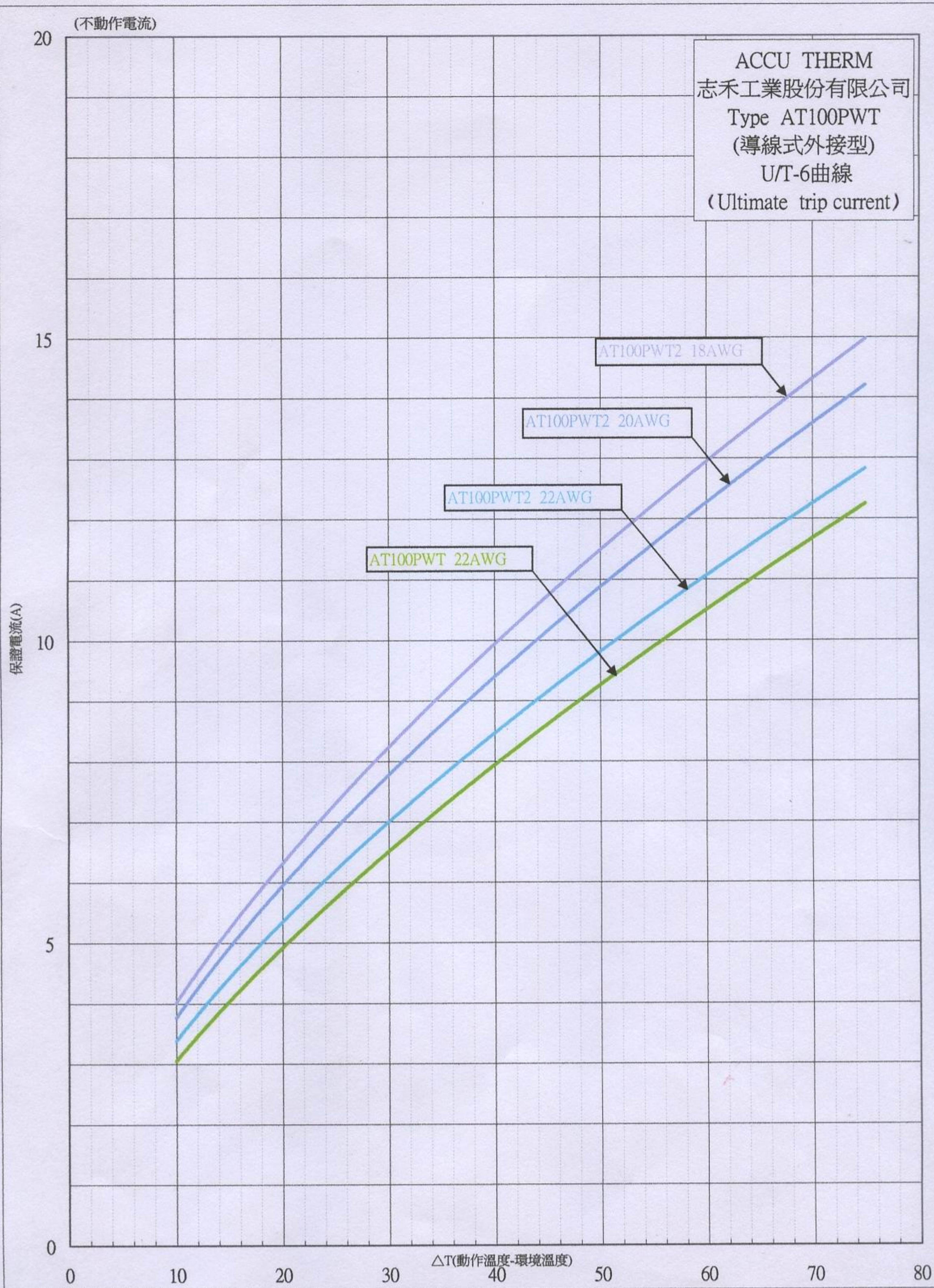
**ACCU THERM CORP.**

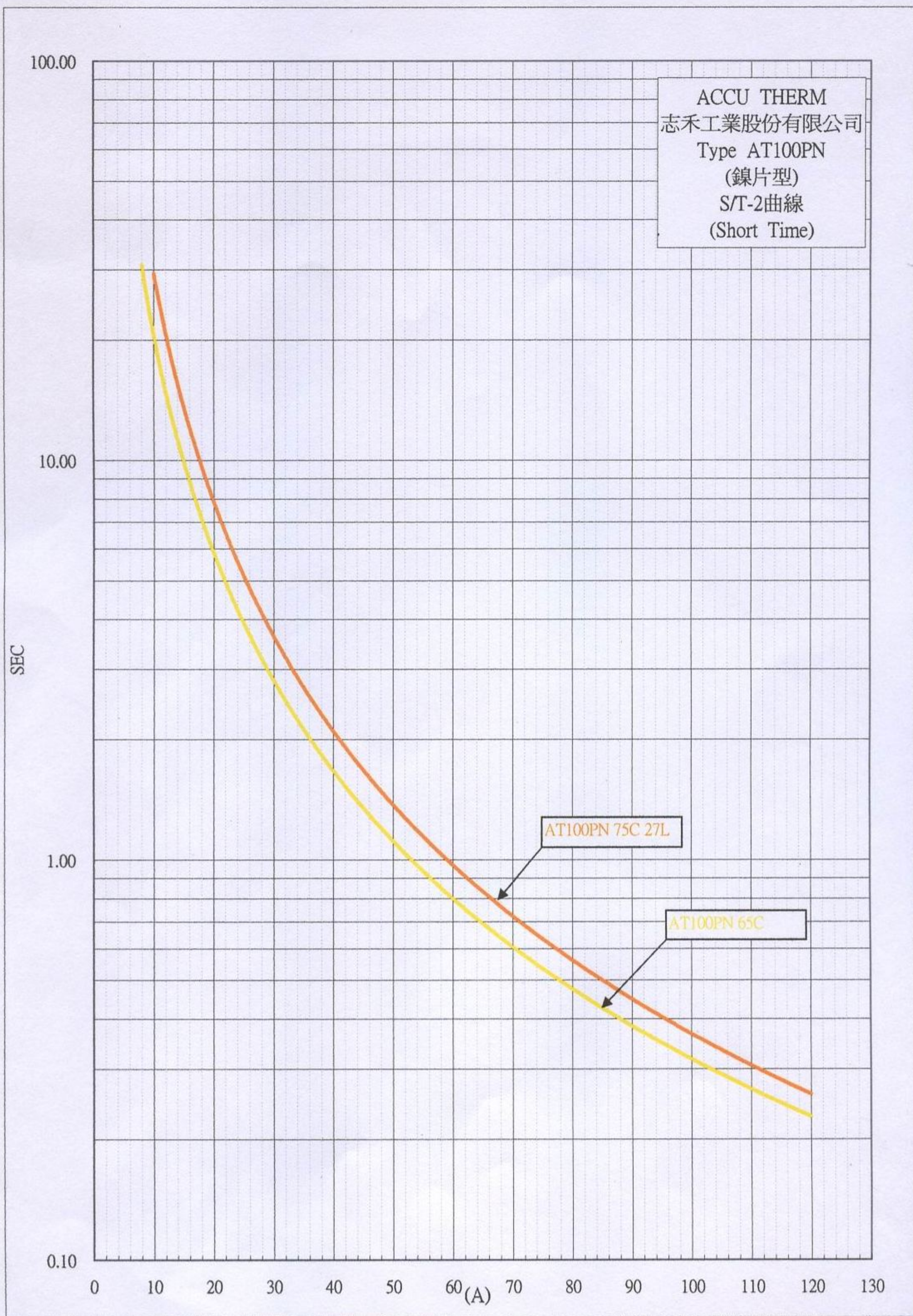
No.9, Chen Kung Street, Tu-Chen  
City Taipei County, Taiwan  
<http://www.accutherm.com.tw>

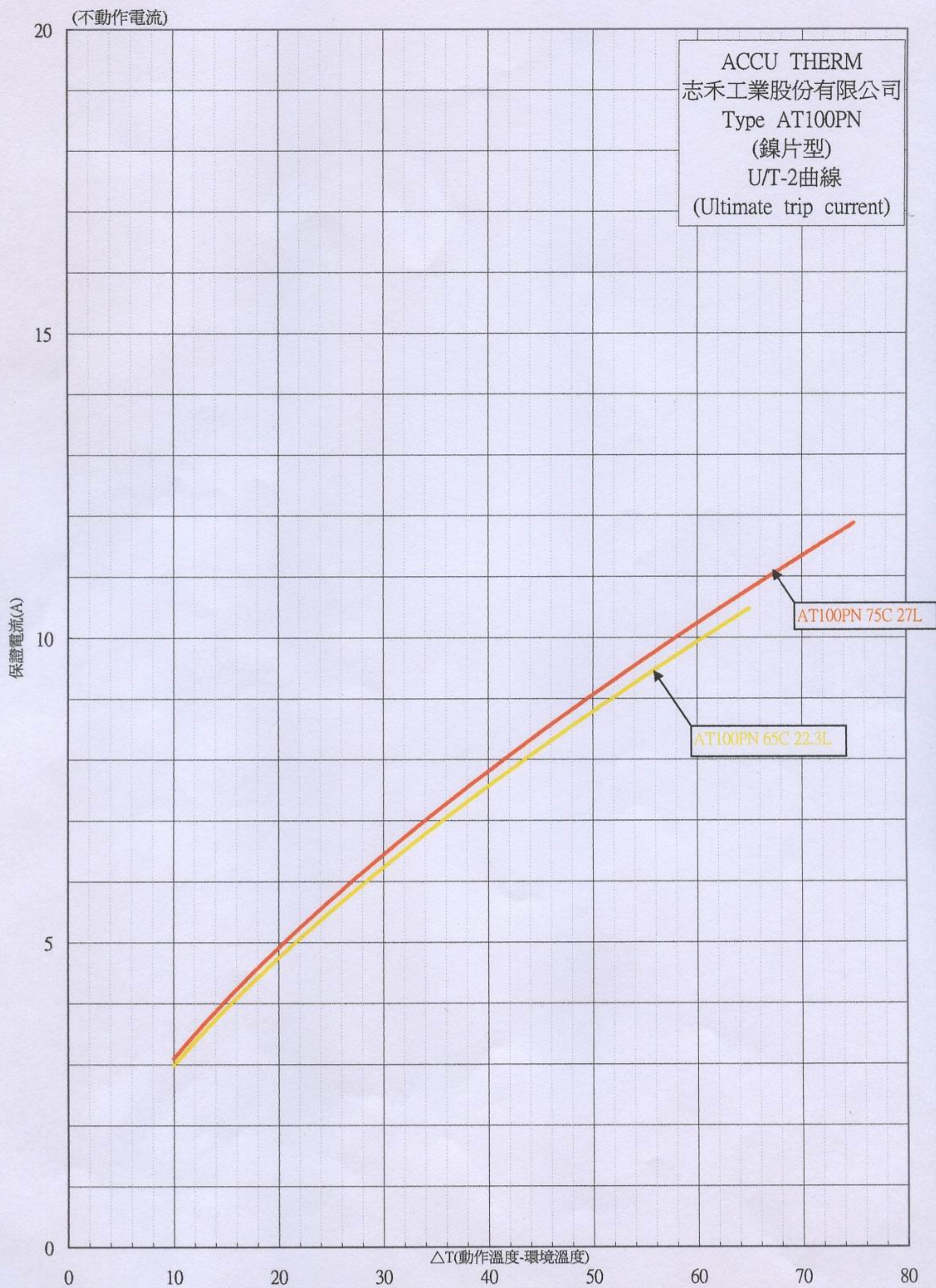
ACCU THERM  
志禾工業股份有限公司  
Type AT100PWT  
(導線式外接型)  
S/T-6曲線  
(Short time)

SEC

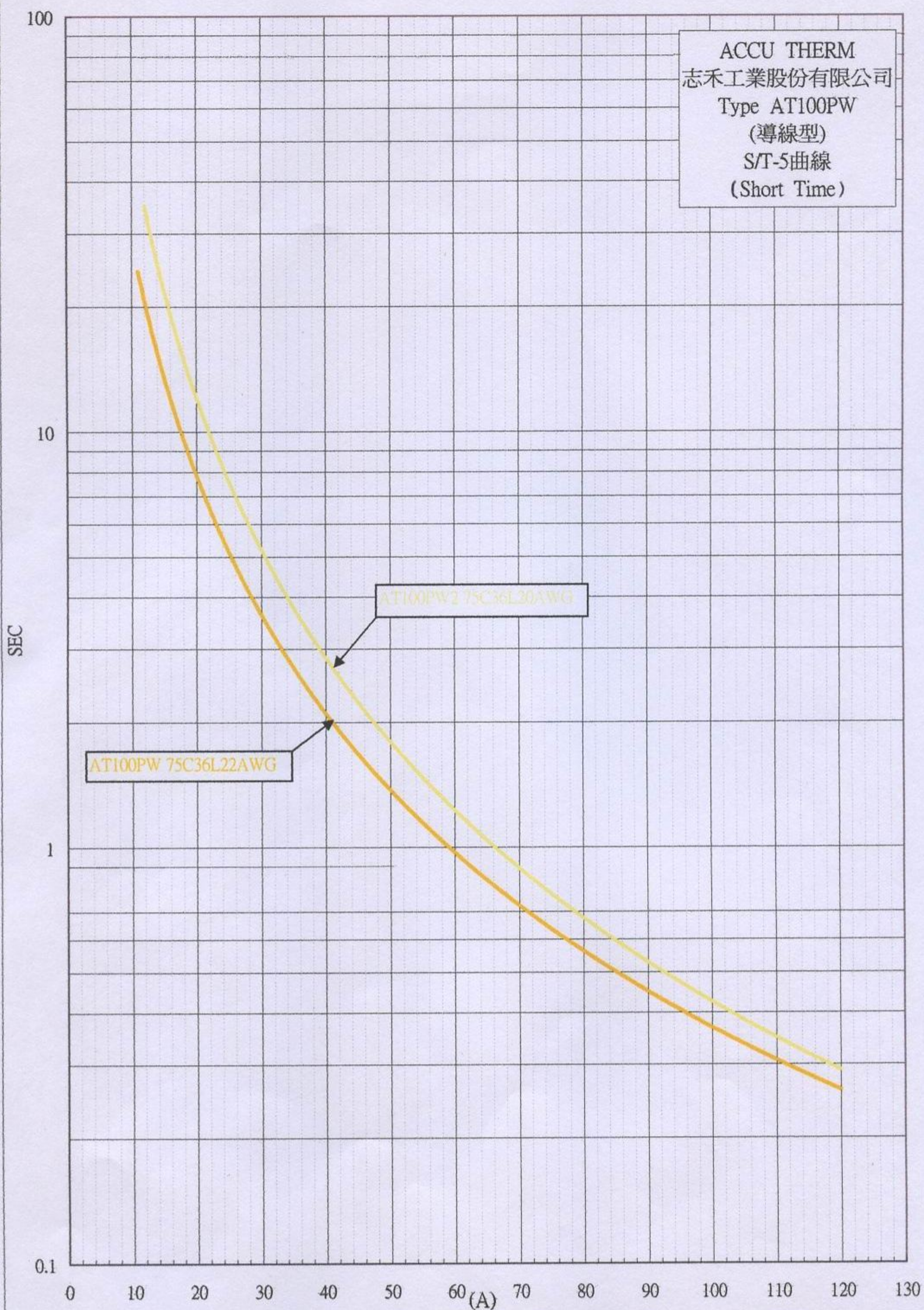


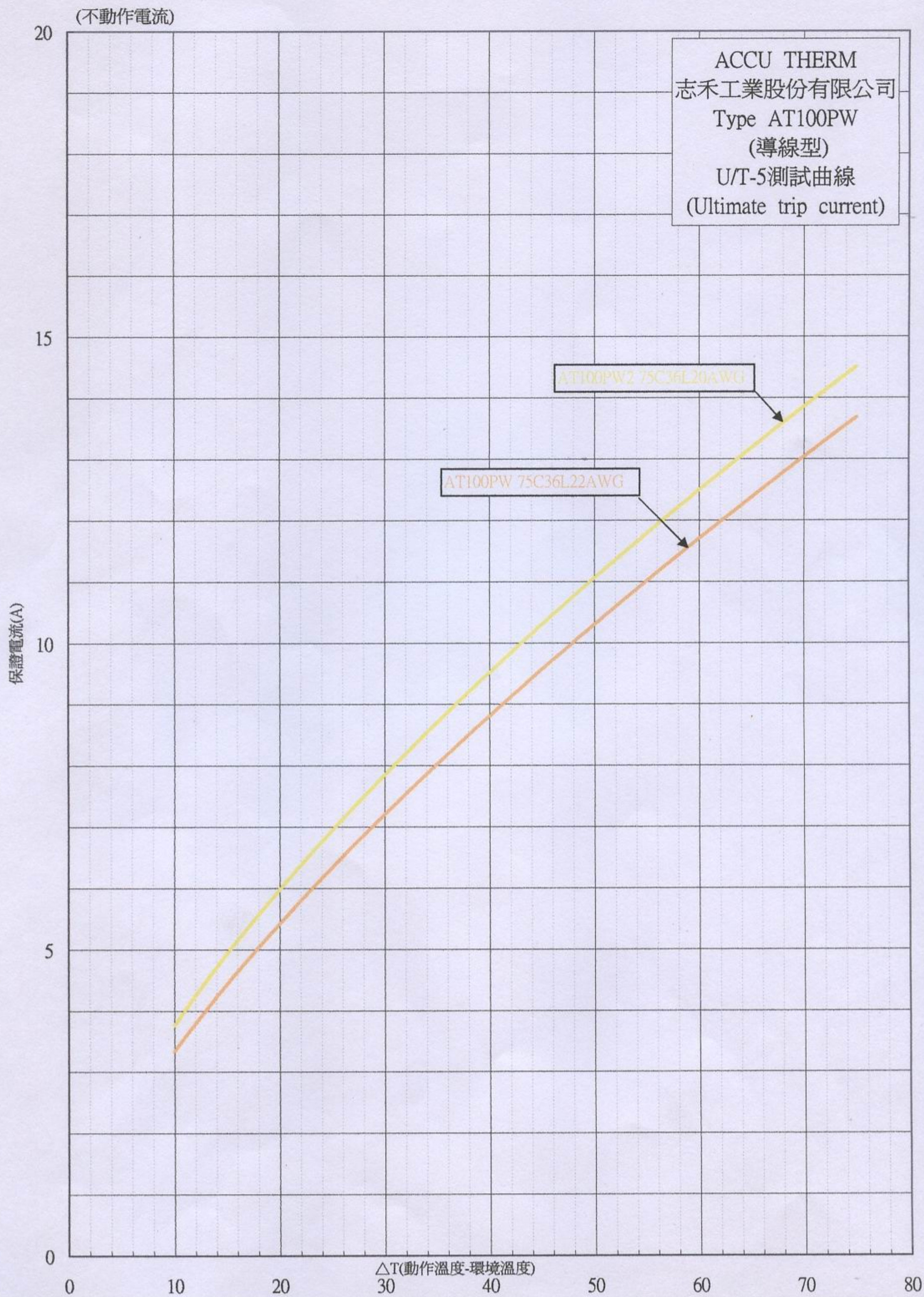


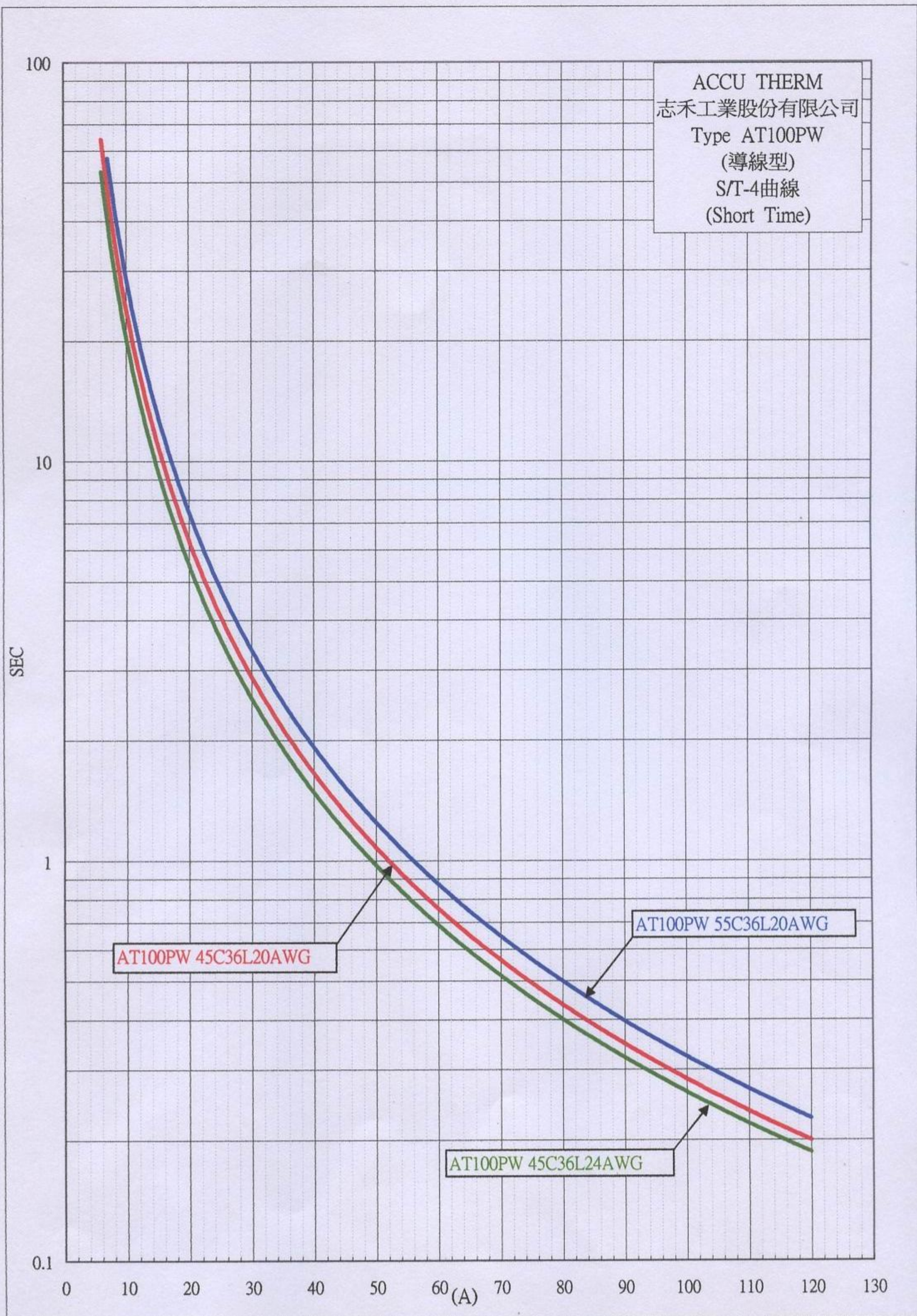




ACCU THERM  
志禾工業股份有限公司  
Type AT100PW  
(導線型)  
S/T-5曲線  
(Short Time)







(不動作電流)

ACCU THERM  
志禾工業股份有限公司  
Type AT100PW  
(導線型)  
U/T-4測試曲線  
(Ultimate trip current)

保證電流(A)

$\Delta T$ (動作溫度-環境溫度)

