Split Core Current Transformer

DER EE®

ISO 9001 / ISO 14001 / ISO 45001

RoHS



SCT-24A

FEATURE

- Split-core type with clip-on design, easy installation at set-up devices and distribution board
- Built-in circuit protection from over voltage even secondary circuit open
- Compact size works up to 400A AC
- Cost-effective solution
- Two ends hook attached to secure primary conductor with cable-ties
- Applicable for power saving facilities and overload protection systems
- Applicable to measure the secondary output (5A) of a current transformer.
- Isolated plastic case recognized according to UL 94-V0

SPECIFICATION

DER EE http://www.deree.com.tw

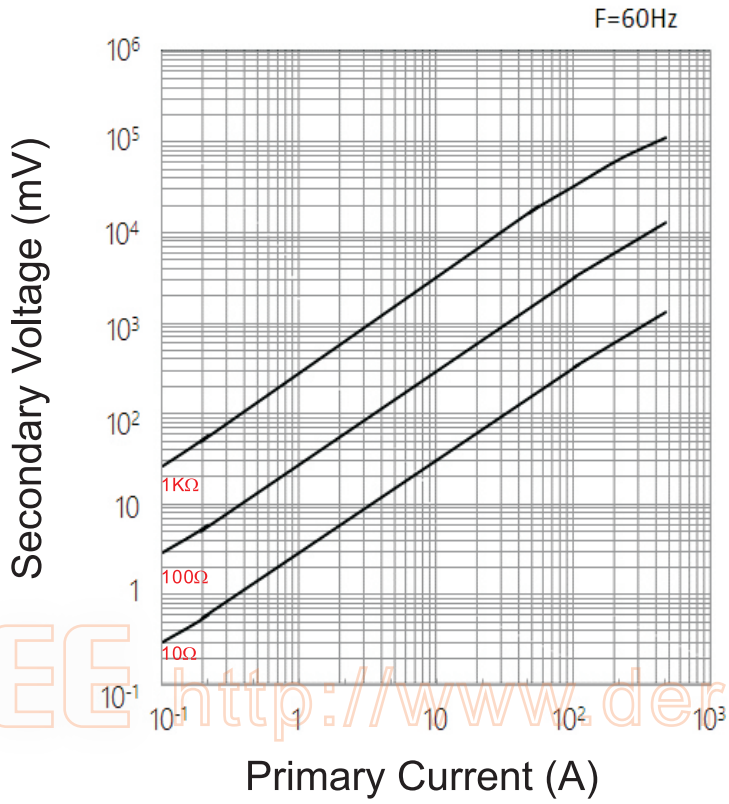
Model no.	SCT-24A
Primary Current Range	5A~200A, 5A~300A, 5A~400A RMS (50/60HZ), RL≦10Ω
Application frequency	45~400Hz
Accuracy of the Linearity	CLASS 1.0, RL≦10Ω
Maximum Primary Current	500A RMS continuous
Primary Conductor Hole	Ø 24mm
Output Features	refer to graphic
Coil of Secondary Circuit	3000 ± 2 turns
Coil Resistance of Secondary Circuit	110Ω±10% (at 25℃)
Enclosure Material	NYLON Flame Retardant (UL-94V0)
Output Cord Length	Typical 150mm 18AWG
Max circuit voltage	AC 600V
Dielectric Strength	2500V / 1mA / 1min between primary and output
Open circuit protection	10.2V
Insulation Resistance	> 100MΩ at 500V DC between primary and output
Weight	approx. 195 g
Operating Condition	-20 ~ 60℃, below 80% R.H. no condensation
Storage Condition	-30 ~ 70℃, below 70% R.H. no condensation

Remarks:
1. The accuracy is set according to the length of attached cable and it will be affected by changing to different length .
2. For the requirement of longer output cable , please inform us .
3. Specifications and appearance may be revised if needed without any prior notice . For more product information , please contact us .

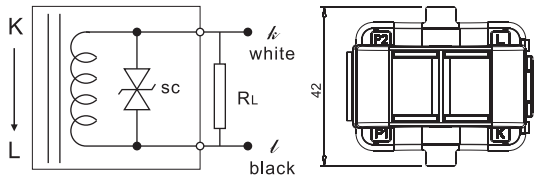
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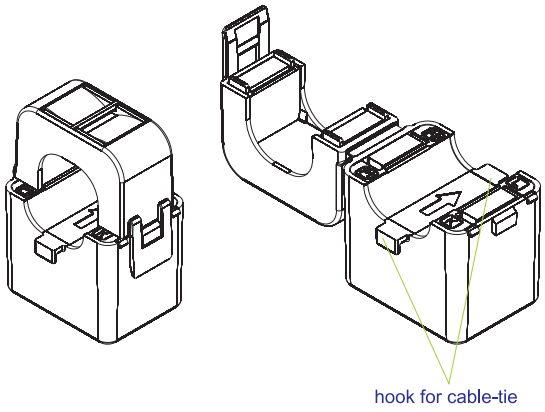
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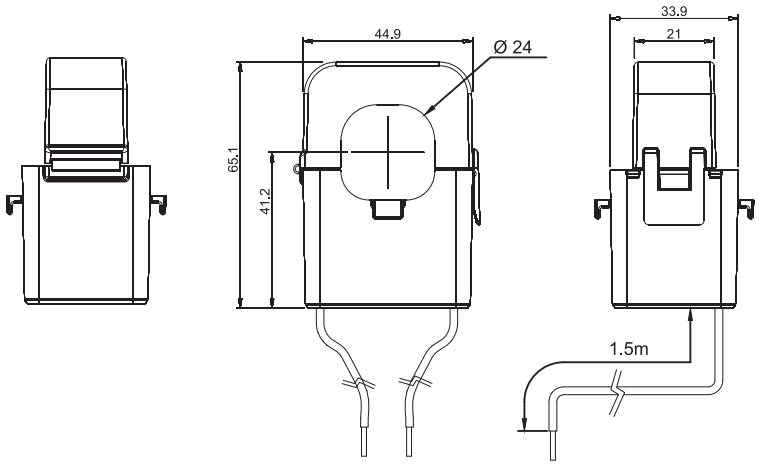
SCT-24A Graphic of Primary Current and Secondary Voltage



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