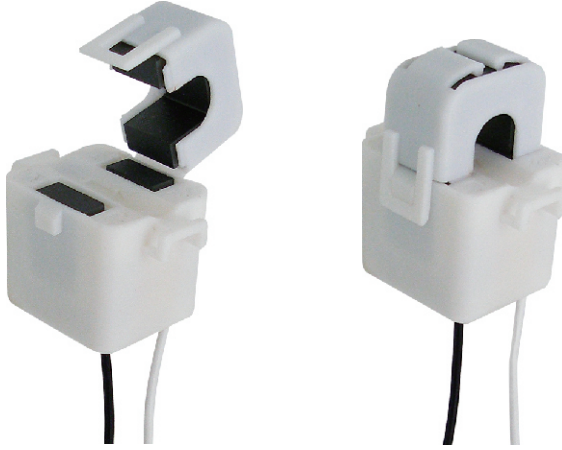


DER

EE[®]

Split Core Current Transformer

ISO 9001



SCT-10

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 80A 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 for 5A secondary output of current transformer
- Isolated plastic case recognized according to UL 94-V0

SPECIFICATION

Model no.	SCT-10
Primary Current Range	10mA ~ 80A RMS (50/60Hz), $RL \leq 10\Omega$
Application frequency	10~5KHz
Accuracy of the Linearity	CLASS 1.0 , $RL \leq 10\Omega$
Maximum Primary Current	120A RMS continuous
Primary Conductor Hole	$\varnothing 10\text{mm}$
Output Features	refer to graphic
Coil of Secondary Circuit	3000 \pm 2 turns (With 10.2V Suppressor inside)
Coil Resistance of Secondary Circuit	350 Ω \pm 10% (at 25°C)
Enclosure Material	NYLON Flame Retardant (UL-94V0)
Output Cord Length	Typical 700 mm (different length also available with customer's request)
Max circuit voltage	AC 600V
Dielectric Strength	1000V AC / 1min between primary conductor hole and output
Open circuit protection	10.2V (Zener diode)
Insulation Resistance	> 100M Ω at 500V DC between primary conductor hole and output
Weight	approx. 40 g
Operating Condition	-20 ~50°C, below 80% R.H. no condensation
Storage Condition	-30 ~70°C, below 70% R.H. no condensation

得益工業儀器有限公司

DER EE


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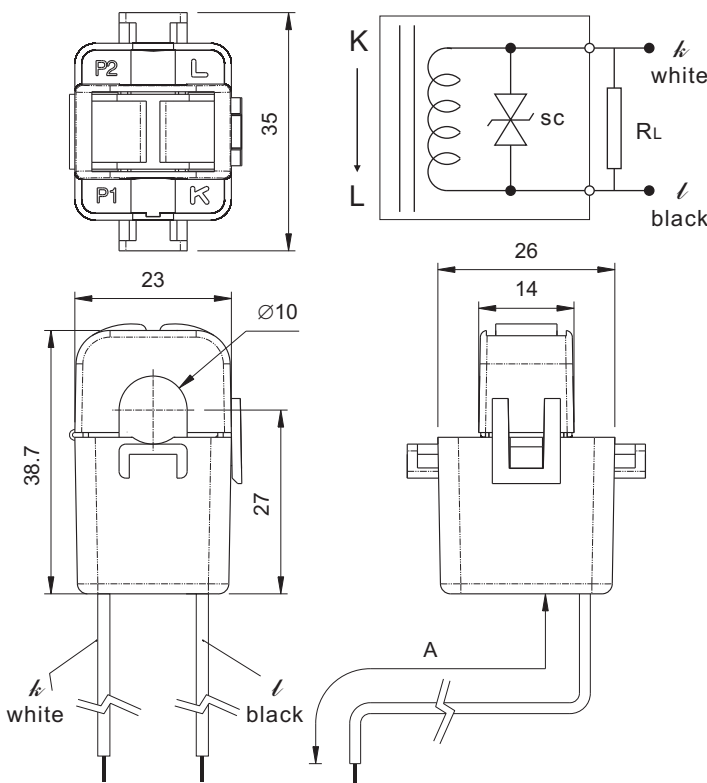
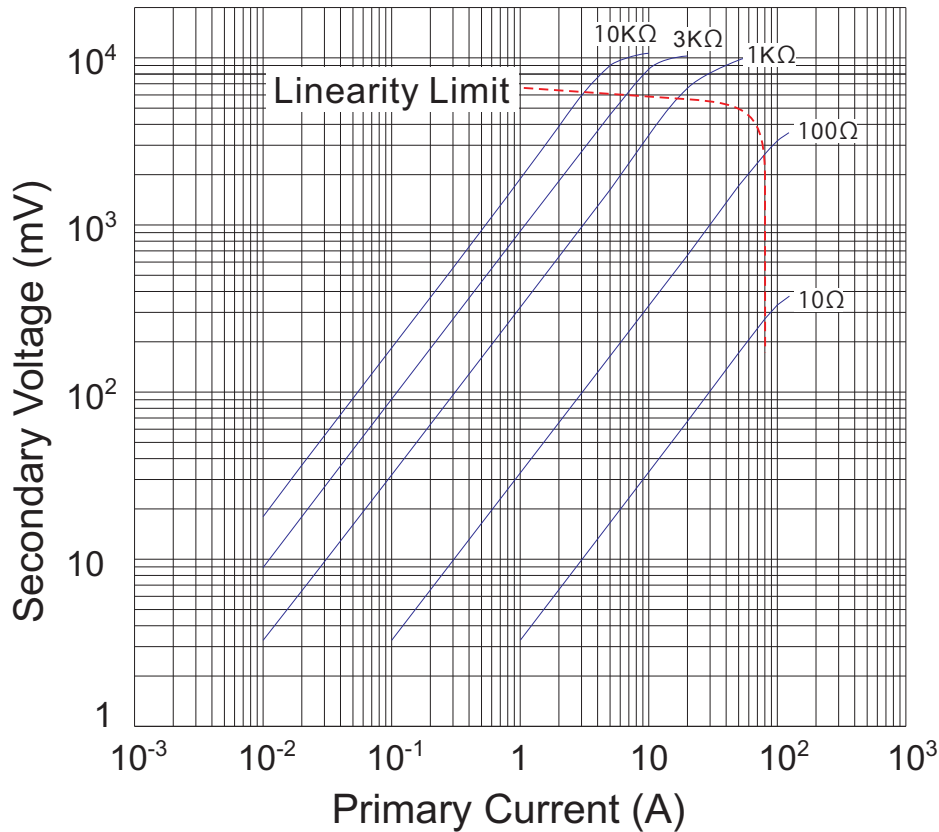
<http://www.deree.com.tw>

 Specifications and appearance may be revised if needed without any prior notice. Any further product info, please contact us.

SCT-10

Graphic of Primary Current and Secondary Voltage

f = 60Hz



A=700mm

(different length also available with customer's request)

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