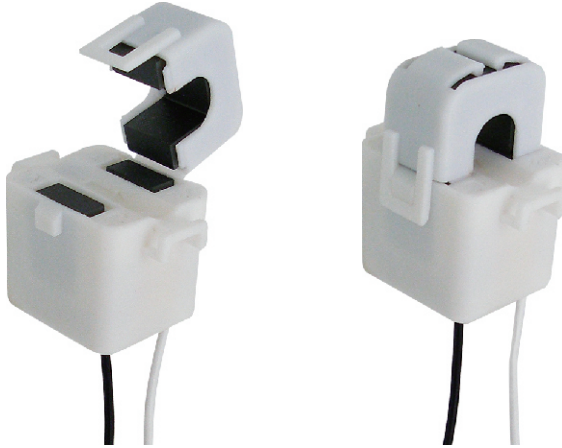


# DER

# EE<sup>®</sup>

## 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 burn out 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 secondary output of current transformer - 5A
- Isolated plastic case recognized according to UL 94-V0

### SPECIFICATION


Model no.	SCT-10
Rated Primary Current	10mA ~ 80A RMS (50/60Hz), $RL \leq 10\Omega$
Overload Capability	120A RMS continuous
Sensing Aperture	$\varnothing 10\text{mm}$
Output Features	refer to graphic
Coil of Secondary Circuit	$3000 \pm 2$ turns
Coil Resistance of Secondary Circuit	$350\Omega \pm 10\%$ (at 25°C)
Enclosure Material	NYLON Flame Retardant (UL-94V0)
Output Core Length	Typical 700 mm (different length also available with customer's request)
Dielectric Strength	1000V AC / 1min between sensor core and output
Insulation Resistance	> 100M $\Omega$ at 500V DC between primary conductor hole and output
Weight	approx. 40 g
Operating	-15 ~65°C, below 80% R.H. no condensation
Storage	-25 ~70°C, below 70%R.H. no condensation

得益工業儀器有限公司

**DER EE**

**ELECTRICAL INSTRUMENT CO., LTD.**

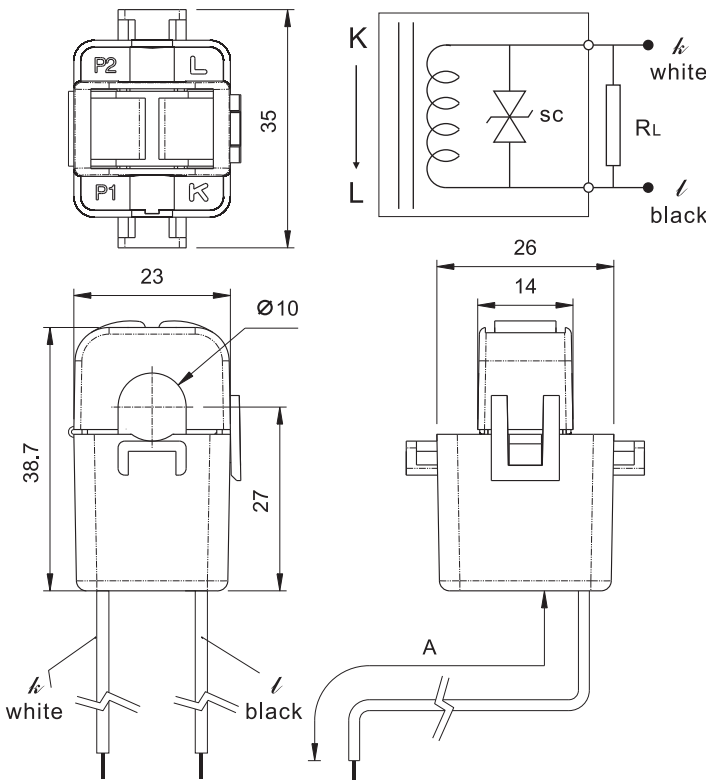
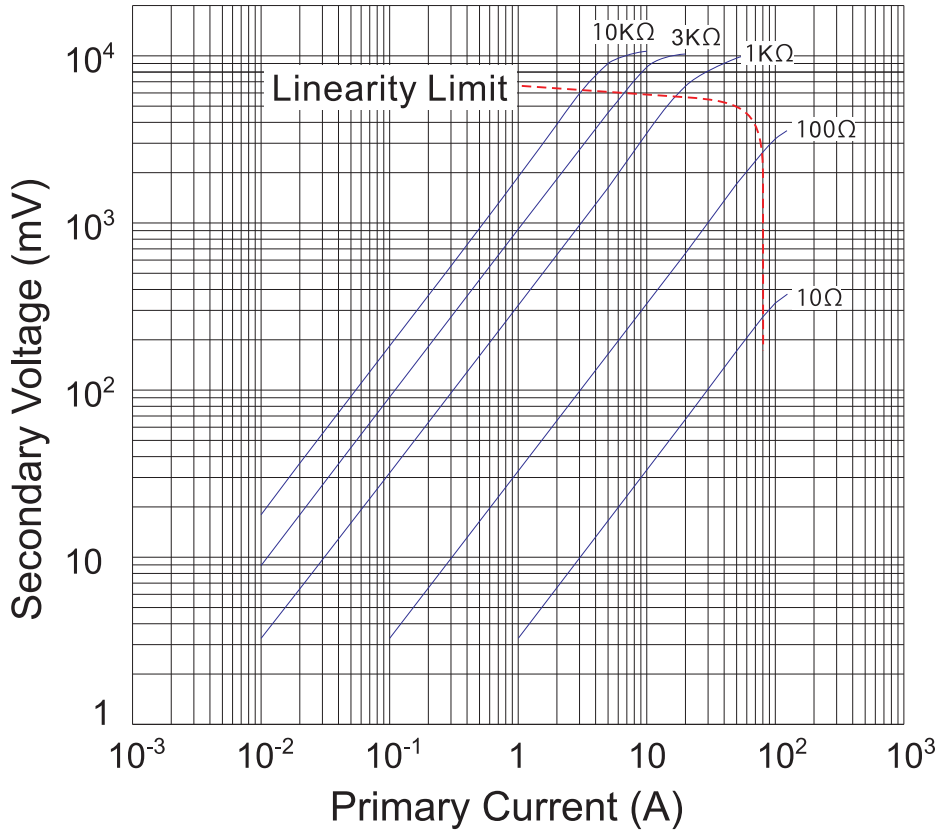
7F-2, No. 351, Sec. 2, Chung Shan Rd.,  
Chung Ho Dist., New Taipei City, Taiwan  
TEL:886-2-2226-6789(REP.) FAX:886-2-2226-7979  
E-mail:deree@ms21.hinet.net  
<http://www.deree.com.tw>

 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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