



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 ± 2 turns |
| Coil Resistance of Secondary Circuit | $350\Omega \pm 10\%$ (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 / 1mA / 1min between primary and output |
| Open circuit protection | 10.2V |
| Insulation Resistance | $> 100\text{M}\Omega$ at 500V DC between primary and output |
| Weight | approx. 40 g |
| Operating Condition | -20 ~ 60°C, below 80% R.H. no condensation |
| Storage Condition | -30 ~ 70°C, below 70% R.H. no condensation |

Remarks:

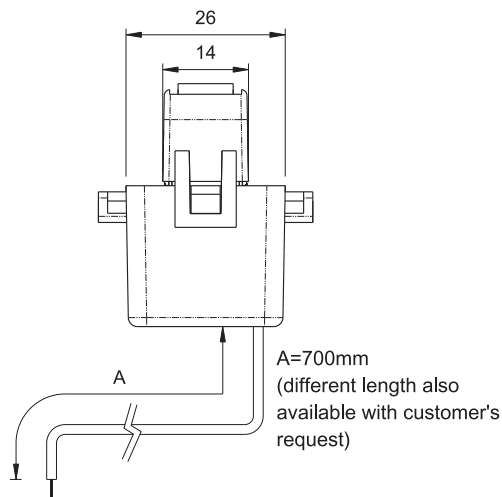
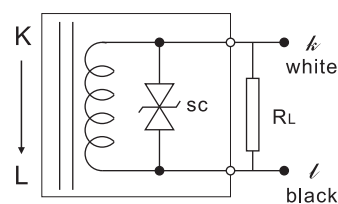
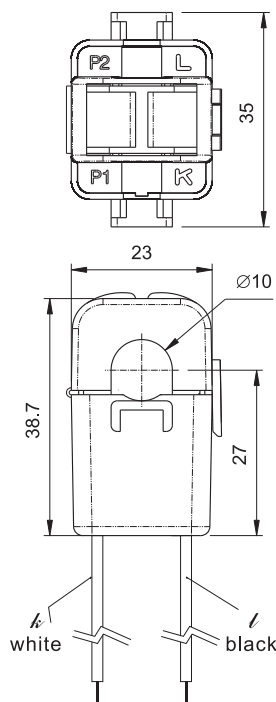
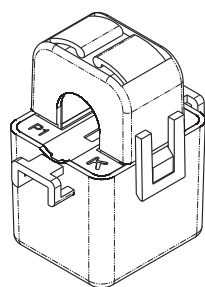
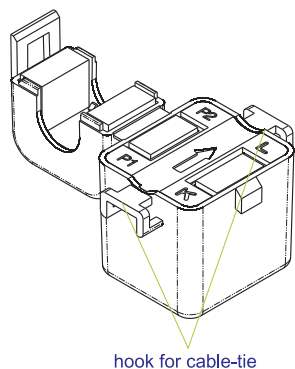
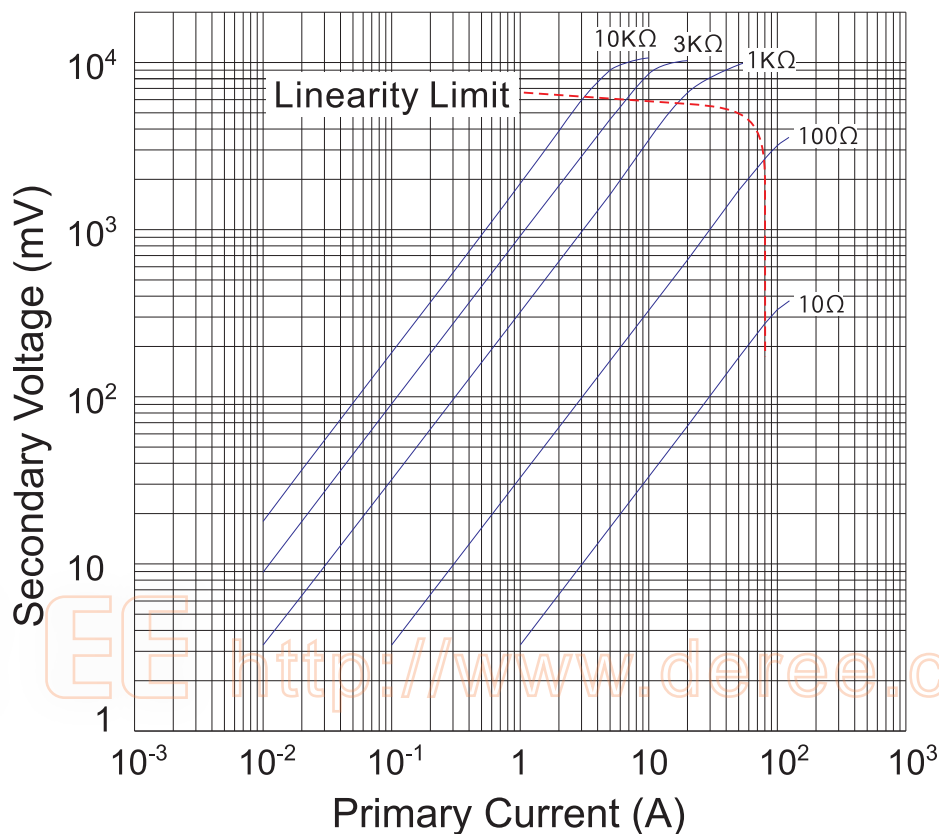
1. The accuracy is set according to the length of attached cable and it will be affected by changing to different length .
2. For the requirement of longer output cable , please inform us .
3. Specifications and appearance may be revised if needed without any prior notice . For more product information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

DER EE[®] Split Core Current Transformer

SCT-10

Graphic of Primary Current and Secondary Voltage

$f = 60\text{Hz}$



得益工業儀器有限公司
DER EE ELECTRICAL INSTRUMENT CO., LTD.

台灣 新北市中和區中山路二段351號7F
7F, No.351, Sec. 2, Chung Shan Rd., Chung Ho Dist.,
New Taipei City 23504, Taiwan
TEL:886-2-2226-6789(REP) FAX:886-2-2226-7979
E-mail:deree@deree.com.tw <http://www.deree.com.tw>

