

DER

EE[®]

Split Core Current Transformer

ISO 9001 / ISO 14001 / OHSAS 18001



SCT-16B

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 120A AC
- Cost-effective solution
- 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-16B
Primary Current Range	10mA ~ 120A 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	300A RMS continuous
Primary Conductor Hole	\varnothing 16mm
Output Features	refer to graphic
Coil of Secondary Circuit	3000 \pm 2 turns
Coil Resistance of Secondary Circuit	290 Ω \pm 10% (at 25°C)
Enclosure Material	NYLON Flame Retardant (UL-94V0)
Output Cord Length	Typical 150 mm (different length also available with customer's request)
Max circuit voltage	AC 600V
Dielectric Strength	2500V / 1mA / 1min between primary and output
Open circuit protection	10.2V
Insulation Resistance	> 100M Ω at 500V DC between primary and output
Weight	approx. 70 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 .

SCT-16B

Graphic of Primary Current and Secondary Voltage

