



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

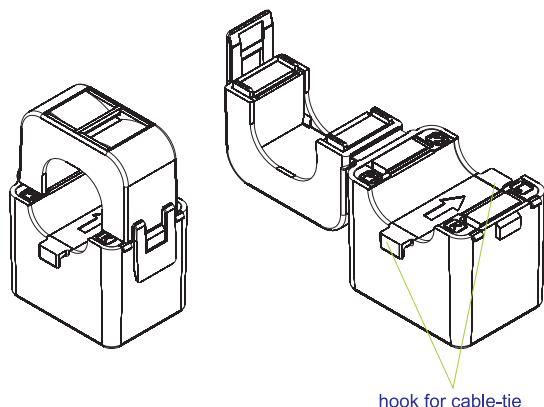
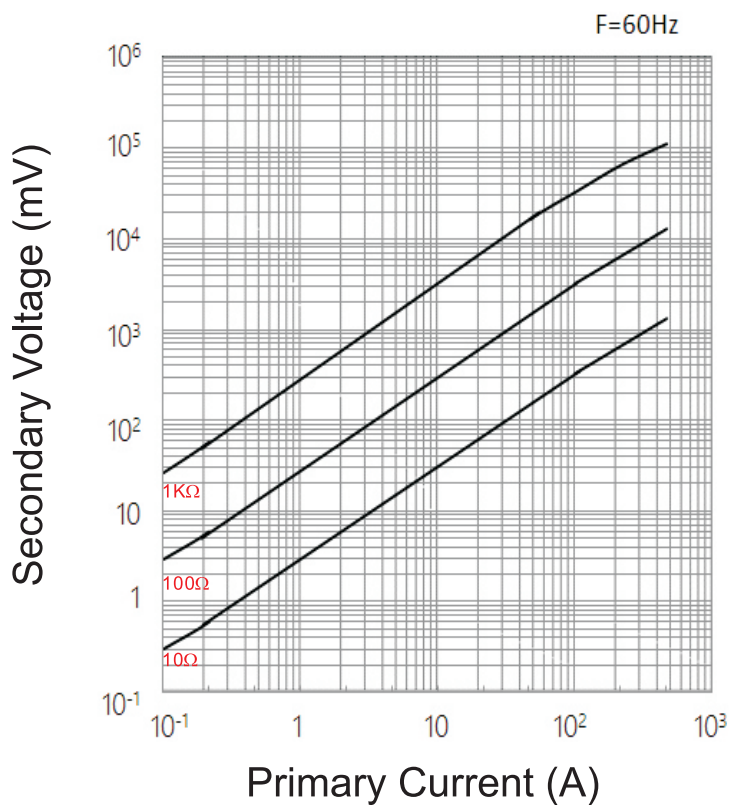
SPECIFICATION

| | |
|--------------------------------------|---|
| Model no. | SCT-24A |
| Primary Current Range | 5A~200A/5A~300A/5A~400A RMS (50/60HZ), $RL \leq 10\Omega$ |
| Application frequency | 45~400Hz |
| Accuracy of the Linearity | CLASS 1.0, $RL \leq 10\Omega$ |
| Maximum Primary Current | 500A RMS continuous |
| Primary Conductor Hole | $\varnothing 24\text{mm}$ |
| Output Features | refer to graphic |
| Coil of Secondary Circuit | 3000 ± 2 turns |
| Coil Resistance of Secondary Circuit | $110\Omega \pm 10\%$ (at 25°C) |
| 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 | $> 100\text{M}\Omega$ at 500V DC between primary and output |
| Weight | approx. 195 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-24A Graphic of Primary Current and Secondary Voltage



hook for cable-tie

