

Split Core Current Transformer



FEATURE

- Split-core type with clip-on design, easy installation at set-up devices and distribution board
- 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
- Isolated plastic case recognized according to UL 94-V0

SPECIFICATION

Model No.	SCT-10MA
Primary Rated Current	AC 10A/20A/30A/40A/50A/60A/70A/80A (50/60Hz)
Secondary Output Current	DC 4~20mA , 2-wire Loop Powered
Accuracy	Class 0.5($\pm 0.5\%$ of full scale) , $R_L < 300\Omega$
Temperature Coefficient	$\pm 0.02\%$ of full scale / $^{\circ}\text{C}$
Power Supply	DC 24V ($\pm 20\%$)
Primary Conductor Hole	$\varnothing 10\text{mm}$
Enclosure Material	NYLON Flame Retardant(UL-94V0)
Dielectric Strength	1000V AC/1min, between primary conductor hole and output
Insulation Resistance	$> 100\text{M}\Omega/500\text{V DC}$, between primary conductor hole and output
Weight	Approx. 49g
Operating Condition	$-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$, below 80% RH , no condensation
Storage Condition	$-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$, below 70% RH , no condensation

CONNECTION DIAGRAM

